

CONTENTS

Introduction	5	Student Health Insurance	25
Introduction	6	Volunteer Program	25
The University	6	Testing	25
Academic Excellence	6	Advanced Placement (AP) Tests	25
A Commitment to Diversity	6	National Tests	25
The University Mission	6	Placement Tests	25
Administration/Organization	7	Tutoring Services	25
The University Campus	7	Union	26
Parking	9	Ranger Card Office	26
Directions to Campus	10	Ranger Card	26
		Meal Plan	26
		Information Center	26
Admissions	11	Programs and Policies	27
Degree-Seeking Status	12	Undergraduate Degrees and Degree Requirements	28
Admission Requirements	12	Degree Requirements	28
Four-Year Graduation Guarantee Plan	12	Degree Summary/Application to Graduate	28
Transfer Students	13	General University Requirements	28
Transfer Information System (TIS)	13	I. Skills Requirements	29
Re-entry Students	14	II. General Education Requirements	29
Non-Degree-Seeking Students	14	III. Foreign Language Requirement	29
International Students	14	IV. Ethnic Diversity Requirement	30
Veterans	15	Transfer Students and General University Requirements	30
Opportunities for Social Security		Certification of Transfer Students in Skills Requirements	30
Disability Recipients and Senior Citizens	15	Academic Programs	31
High School Students	15	Majors and Degrees	31
Youth Options Program	15	Declaring a Major	31
Advanced Placement	15	Minor Programs	32
Placement Tests	15	Concentrations	32
Financial Aid	15	Certificate Programs	32
Financial Need Analysis	16	The UW-Parkside Honors Program	33
Financial Aid Priority Filing Date	16	Pre-Professional Interests	33
Out of State Initiative Scholarship	16	Pre-Professional Programs	33
Scholarships	16	Teacher Education	33
Tuition and Fees	16	Master's Degree Programs	33
Tuition	17	Degree Completion Programs	34
Audit Fees	17	Evening Programs	34
Payment of Fees	17	Evening/Weekend College	34
Tuition/Housing and Food Service Installment Plan	17	Directed Studies/Independent Study	34
Fees for Adding Courses	18	Internships	34
Fees for Dropping Courses	18	Undergraduate Policies	34
Fees for Enrollment Changes	18	Courses That Do Not Count Toward Graduation	34
Charges for Checks Returned for Non-sufficient Funds	18	Failures or Incompletes in the Major	34
Refunds For Withdrawals	18	Double Major	34
Housing Refunds	18	Completion After Graduation	35
Food Refunds	18	Second Bachelor's Degree	35
		Credit/No-Credit Courses	35
		Auditing a Course	35
		Transfer Credit for Continuing Students	35
		Substitutions and Waivers of Requirements	35
		Summary of Credit Rules	35
		Registration Policies	36
		Academic Advising	36
		Class Load	36
		Audit	36
		Registration Changes	37
		Adding a Course	37
		Dropping a Course	37
		Retaken Courses	37
		Repeated Courses	37
		Cross-Listed Courses	37
		Course Prerequisites	37
		Withdrawal from the University	37
		Examinations	37
		Final Examinations	37
		Accommodation of Religious Observances	38
Student Services & Campus Life	19		
Athletics and Recreation	20		
Campus Bookstore	20		
Career Center	21		
Child Care	21		
Clubs and Organizations	21		
Computer Labs	22		
Dining Services	22		
Disability Services	22		
Educational Support Services	22		
Learning Assistance	22		
Student Support Services	23		
Housing	23		
International Student Services	23		
Multicultural Affairs	23		
Study Abroad	23		
UW-Parkside Police Department	24		
Student Activities	24		
Student Employment	24		
Student Health and Counseling	24		

Credit by Examination 38
 External Programs 38
 National Tests 39
 Credit for Experiential Learning 39
 Credits for Military Service 39
 Course Numbering System 40
 Grades 40
 Unusual Grades 40
 Grade Point Average (GPA) 41
 Grade Changes 41
 Academic Forgiveness Policy 41
 Grade Appeals Procedure 41
 Academic Probation and Suspension Policy 42
 Readmission Following an Academic Suspension 42
 Academic Honors for Undergraduate Students 42
 Transcripts 43
 The Advising Center 43
 Degree Audit Reporting System (DARS) 44

Adult/Nontraditional Students/Programs 45

Administrative Services and Support 46
 Academic and Student Support Services 47
 Student Clubs and Organizations 48

Undergraduate Programs 49

Academic Skills Program 50
 Art 52
 Arts Management 62
 Biological Sciences 64
 Business Management 70
 Accounting 73
 Finance 74
 General Business 75
 Human Resource Management 75
 Management 76
 Management Information Systems 71
 Marketing 78
 Statistics and Quantitative Methods 78
 Chemistry 79
 Communication 83
 Community Based Learning 88
 Computer Science 90
 Criminal Justice 95
 Economics 99
 Engineering 102
 English 106
 Environmental Studies 115
 Ethnic Studies 117
 General Education Program 119
 General Sciences 120
 Geography 121
 Geosciences 125
 Gerontology 130
 Health, Physical Education and Athletics 131
 History 139
 Honors Program 143
 Humanities 144
 Interdisciplinary Studies 147
 International Studies 152
 Mathematics 156
 Modern Languages 160
 French 160
 German 162
 Spanish 164
 Museum Studies 168
 Music 169
 Nursing 177
 Philosophy 184
 Physics 188
 Political Science and Law 191

Psychology 196
 Sociology/Anthropology 200
 Teacher Education 207
 Theatre Arts 220
 Women's Studies 227

Graduate Programs 231

Admission 232
 Admission as a Degree-Seeking Student 232
 Admission with Probationary Status 232
 Admission as a Non-Degree-Seeking Student 232
 Consortial Programs 232
 Audit Students 233
 International Students 233
 Undergraduate Students in Graduate Courses 233
 Transfer of Graduate Credit 233
 Financial Aid for Graduate Students 233
 Veterans Benefits 233
 Tuition and Fees 234
 Payment of Fees 234
 Refunds for Withdrawals 234
 Graduate Policies 234
 Degree Requirements 234
 Degree with Distinction 235
 Transcripts 235
 Registration Changes 235
 Grading Policies 235
 Grade Changes 235
 Academic Warning 236
 Academic Probation 236
 Academic Drop Policy 236
 Appeals Procedure for Academic Drop 236
 Readmission 236
 Withdrawal from the University 236
 Leave Status 236
 Course Policies 236
 Waivers and Appeals 236
 Graduate Course Numbering 237
 Course Listings 237
 Master of Business Administration 238
 Master of Science in Applied Molecular Biology 243
 Master of Science in Computer Information Services 247
 Consortial Programs in Education 251

General Information 253

Directory 254
 UW System Board of Regents 254
 UW System President 254
 University of Wisconsin-Parkside Administration 254
 Faculty/Instructional Staff 255
 Emeritus Faculty 261
 Academic Calendar 263
 Compliance with Government Policy 264
 Index 265



INTRODUCTION

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INTRODUCTION

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Introduction

Welcome to the University of Wisconsin-Parkside. Our catalog contains information about the university, admissions standards, academic programs and policies, student services, programs of study and course listings. The catalog is a reference for general degree requirements, detailing the course work needed to complete a declared field of study. The catalog is a public record of general university requirements. Save this catalog and use it as a reference until your course of study has been completed.

The University

Founded in 1968, the University of Wisconsin-Parkside graduated its first students in 1970. One of 13 baccalaureate degree-granting campuses in the University of Wisconsin System, UW-Parkside is accredited by the Higher Learning Commission and is a member of the North Central Association. (The Higher Learning Commission, 30 North La Salle Street, Suite 2400, Chicago, IL 60602-2504.) The Department of Business is accredited by AACSB – The International Association for Management Education. The Department of Chemistry is accredited by the American Chemical Society.

Approximately 5,000 undergraduate and graduate students are enrolled here. Students may choose from a wide selection of majors in the College of Arts and Sciences and the School of Business and Technology. Degrees awarded are the bachelor of science and the bachelor of arts. Students may also choose from three graduate programs: the master of business administration, the master of science in computer information systems and the master of science in applied molecular biology.

Students also may complete course work in degree programs on the UW-Parkside campus offered through consortial arrangements with UW-Milwaukee. They are: bachelor of science in nursing, bachelor of science in engineering, master of science in administrative leadership and master of science in cultural foundations of education.

UW-Parkside students are required to take classes in the liberal arts, math and science to provide the solid foundation needed in any declared major. The majority of students take four years or longer to graduate. However, several accelerated programs are available. A maximum of 30 credits can be earned toward a degree through Advanced Placement exams and the College Level Examination.

Academic Excellence

Our best and most senior faculty teach all levels of undergraduate courses. More than 90 percent of the faculty hold the Ph.D. or equivalent degree. The biological sciences program is a UW Center of Excellence and our pre-medical program has gained a national reputation.

Most of our classes are small, ensuring greater student-faculty interaction. Many students work one-to-one with talented faculty in their research, an opportunity that many universities restrict to graduate students.

A Commitment to Diversity

UW-Parkside's commitment to diversity is reflected in a curriculum that prepares students from both genders and all racial, national and ethnic groups to live in a pluralistic society. All students complete courses in cultural diversity as a graduation requirement. Programs are offered in ethnic studies, international studies and women's studies.

UW-Parkside ranks among the top UW System campuses in employing and enrolling people of color. It also is a leader in employing and enrolling women. The campus has been recognized locally for its efforts in making the campus accessible to students with disabilities. Programs and services specifically designed to assist students with disabilities are offered through the Educational Support Services and the Student Health and Counseling Center offices.

The University Mission

The University of Wisconsin-Parkside is committed to high-quality educational programs, creative and scholarly activities, and services responsive to its diverse student population, and its local, national and global communities. To fulfill this mission, the University of Wisconsin-Parkside will:

- Offer high-quality academic programs rooted in the tradition of a liberal education in the arts, sciences and professions, responsive to the occupational, civic and cultural needs of the region, and actively seek their continual improvement.
- Generate, disseminate and apply knowledge through research, professional and creative activity that benefits communities throughout the region and the world.
- Attract and retain a diverse and multicultural population of students, faculty, and staff.
- Foster a teaching and learning community that provides opportunities for collaborative faculty, student, and staff interaction in support of excellence.
- Utilize technology creatively and effectively in courses, programs, and services.
- Prepare students to be successful in their professional, civic, and personal lives.
- Provide programs that meet the intellectual and cultural needs of people throughout their lives.
- Provide and share in cultural and intellectual activities in partnership with our local and regional communities.

Administration/Organization

The University of Wisconsin-Parkside is governed by the UW System Board of Regents. The university is headed by the chancellor and is organized into three administrative units: academic and student affairs, administrative and fiscal affairs, and university relations.

Academic and student affairs, headed by the vice chancellor and provost, is concerned with curriculum and teaching, advising, faculty appointments, instructional materials and equipment, library resources, computing services, admission and records, financial aid, academic support programs and tutoring, minority affairs, career planning and placement, housing, women's center, health and counseling services, child care, and student activities.

The faculty and the curriculum of the university are organized into the College of Arts and Sciences and the School of Business & Technology. The chief academic officer in the college and school is the dean.

Operations including personnel and payroll, budget administration, university police, facilities management, mail services, child care, and student housing are provided by the Division of Administration and Fiscal Affairs. The senior officer is the vice chancellor for administrative and fiscal affairs.

The Division of University Relations consists of marketing, publications, public relations, alumni relations, development, community relations and government relations. Headed by the assistant vice chancellor for university relations, this area maintains relationships with the UW-Parkside Alumni Association and the UW-Parkside

Benevolent Foundation; markets the university to prospective students and other audiences, and provides information to the news media and general public through news releases, a variety of publications and the World Wide Web.

The University Campus

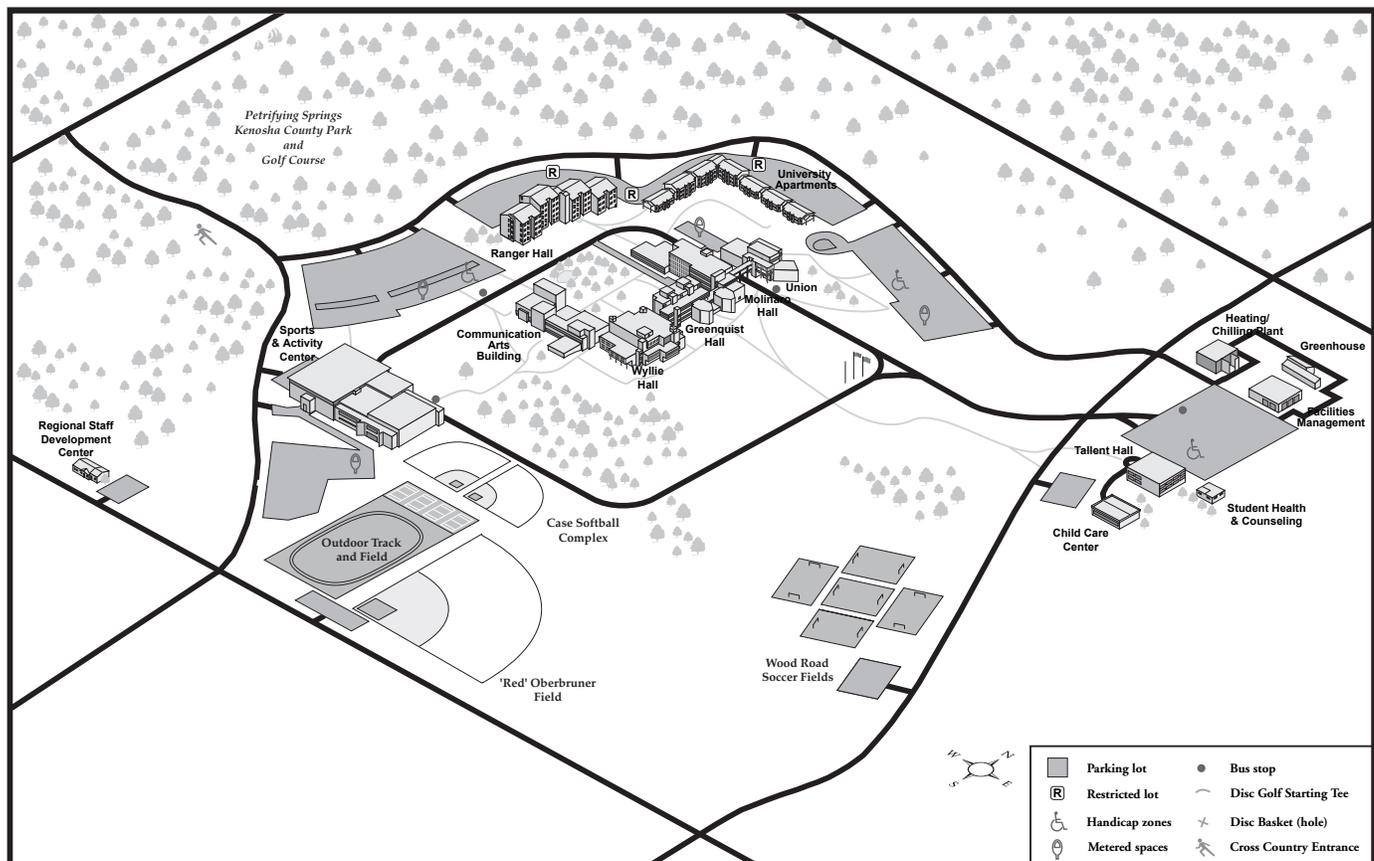
A model of contemporary campus planning and design, UW-Parkside is situated on nearly 700 acres of woodlands and prairies in the town of Somers, between Kenosha and Racine. Academic buildings are connected by glass-walled corridors that provide a glimpse of the scenic landscape that surrounds the picturesque campus.

Communication Arts Building

The Communication Arts Building features art studios, music practice rooms, language laboratories including the Darshan Dhaliwal Modern Languages Laboratory, classrooms, the Communication Arts Theatre and the Art Gallery. A scene shop and small studio theater adjoin the main theater.

Media Services, a department within Instructional Technology Support, is on the lower level of Communication Arts. Media Services is responsible for audio, visual and computer equipment check-out for classroom use, and installing and maintaining equipment permanently located in lecture halls and classrooms. Media Services also houses and supports a distance education and satellite conference room.

The campus computer services office, providing both academic and administrative computer services, is also located here.





Greenquist Hall

Greenquist Hall houses the administrative offices of the College of Arts and Sciences, faculty offices, laboratories and classrooms. Sophisticated computer capabilities, state-of-the-art science equipment and high-tech facilities, including a scanning electron microscope and interactive 3-D computer graphics system, provide students with hands-on learning opportunities.

The building is named for Kenneth L. Greenquist, former Racine attorney and political and civic leader, who served as president of the UW Board of Regents at the time of his death in 1968.

Molinaro Hall

Molinaro Hall provides offices for the School of Business & Technology and a number of liberal arts faculty; as well as laboratories, classrooms and the Office of Admissions. This building is named for the late George Molinaro, longtime Kenosha civic leader and state representative who introduced the 1965 legislation to establish UW-Parkside.

Also located in Molinaro Hall are three open-access computer labs. These labs house Windows systems.

UW-Parkside Union

The Parkside Union is the center for student activities and a great place to meet, eat and relax. The Parkside Union features a large dining room, sub-sandwich shop, pizza/grill, campus ID/Ranger Card Office, 400-seat movie theater, bowling lanes, game room, lounge areas, space for dances and a variety of performances, meeting rooms, ATM machines, stamp machines, lockers, vend-

ing, offices for student organizations and the UW-Parkside Activity Board. The campus Information Center, located on the D1 or ground level, provides information for ticket sales, faxes, copies, campus meal plan, campus ID cards, lost and found, bus passes and check cashing.

Sports & Activity Center

The Sports & Activity Center includes an indoor track and expanded space for competition, practices and training in the Frank J. Petretti Fieldhouse. The Wellness Center and Ranger Power Center in Carmen D. Tenuta Hall include state-of-the-art fitness equipment. The Alfred S. and Bernice DeSimone Gymnasium has a seating capacity of approximately 3,000 and is used for athletic events and commencement. The Sports & Activity Center also features an eight lane pool.

Adjacent to the Sports & Activity Center is an all-weather 400-meter track, soccer fields, tennis courts, the Red Oberbruner Baseball Field, the Case Softball Complex and recreational playing fields. The Wayne E. Dannehl National Cross Country Course, considered the finest natural course in the nation, is the scene of many national championship meets.

Residence Halls

Ranger Hall, a 401-bed facility, opened in 1997. The University Apartments, opened in 1986. Located next to the Parkside Union, the residence halls accommodate 765 students in the apartment-style and traditional residence halls. Accommodations can be made for students with disabilities.

Student Health & Counseling Center

The Student Health and Counseling Center provides primary health care and wellness education to students. The center is staffed and managed by registered nurses with physicians scheduled on site two days per week. AODA-certified counselors provide personal counseling to students by appointment. The center is located in the building adjacent to Tallent Hall.

Tallent Hall

Named for the late Bernard Tallent, dean of the former UW Center in Kenosha, Tallent Hall houses the offices of Business Services, UW-Parkside Police Department, University Outreach, the UW-Parkside/UW-Milwaukee Consortial Nursing Program, and Educators Credit Union.

Wyllie Hall

Featuring a striking three-story atrium, Wyllie Hall has attracted recognition for its design. Main Place, a multi-level area in the atrium, features study and meeting areas and an entrance to the Library. Key administrative offices, including the Chancellor's Office, overlook this area.

In addition to the Library, Wyllie Hall houses the Registrar's, Cashier's, and Financial Aid offices, as well as the Office of Educational Support Services, the Office of Multicultural Student Affairs, and the Tutoring Center. Student government and the student newspaper, the Ranger, are located here.

The building is named for the late Irvin G. Wyllie, the university's founding chancellor, who guided the new university through construction and its early years.

The Library – a center for study and research by students, faculty, staff, alumni and the general public – is primarily a teaching library, recognized for its program of instruction in the use of library services.

The Library provides a complete information network, including the Endeavor Automated System, a computer catalog giving electronic access to UW-Parkside and at other UW libraries. Important services include Internet access to library and information resources around the world, an online periodical database of more than 700 full-text journals, many CD-ROM databases, and UseNet – a vast array of worldwide discussion groups.

Special library collections include rare books, periodicals, first editions, art books, collections of works by noted local authors including Irving Wallace and David Kherdian, and a collection of 18th- and 19th-century British and American plays collected by the late H.O. Teisberg.

Located on the ground floor of Wyllie Hall, with access through the Library, is the largest of the general access computer labs and the Help Desk. The Wyllie Lab has both Windows and Macintosh systems. Instructional Technology Support staff at this location provides assistance with computer and e-mail related issues for faculty, staff and students.

Administered by the Library, the University Archives and Area Research Center on the D2 level houses a wealth of historical documents. University archives include all non-current UW-Parkside records of administrative, legal, financial or historical importance.

The Area Research Center operates in conjunction with the State Historical Society of Wisconsin and is part of a network of 14 centers in the state. Included are historic research materials relating to Racine and Kenosha counties, government records, naturalization records and a manuscript collection featuring private records, correspondence and papers of a variety of prominent people, organizations and businesses. Major microfilm collections include the federal and state censuses of Wisconsin from 1820 to 1910 and pre-1907 vital records from Kenosha and Racine counties.

Duplicating Services and ITS Graphics also are on the D2 level. Duplicating Services provides large quantity printing and photocopying for academic and administrative departments. ITS Graphics provides graphic-design assistance and offers digital color printing and photocopying for students, faculty and staff.

Child Care Center

The UW-Parkside Child Care Center, licensed by the state of Wisconsin, provides programming for infants and children up to 5 years old.

The center's activities promote social, emotional, physical and intellectual development in a learning-through-play environment. Individual needs are provided for at all age levels. The pre-school program offers daily involvement in art, science, music, math, dramatic play, language development, and storytelling.

Parking

Unlike many urban university campuses where convenient parking is always at a premium, there is ample parking at UW-Parkside for students, faculty, staff and visitors.

Major parking lots are located near Tallent Hall, the Parkside Union, the Communication Arts building, and the Sports & Activity Center. The Communication Arts, Union and Sports & Activity parking lots include metered spaces for short-term visitors. There is an additional, smaller metered lot to the east of the Union on Inner Loop Road. Parking spaces reserved for persons with disabilities can be found in all UW-Parkside lots.

For longer-term parking, daily parking permits can be purchased from UW-Parkside Police Department, 188 Tallent Hall.

For parking lot and building location, please refer to the campus map on page 7 of this catalog.

In addition to convenient parking within easy walking distance of most buildings, a UW-Parkside campus shuttle operates from 8 a.m. to 4 p.m., Monday through Friday while classes are in session.

Directions to Campus

From Milwaukee

Interstate 94 south to Highway E in Kenosha County. East 5 miles.

From Chicago

I-94 north to Highway E. East 5 miles to Wood Road.

From Madison

I-94 to Milwaukee, I-894 bypass (Chicago exit), I-94 south to Highway E in Kenosha County. East 5 miles.

From Kenosha

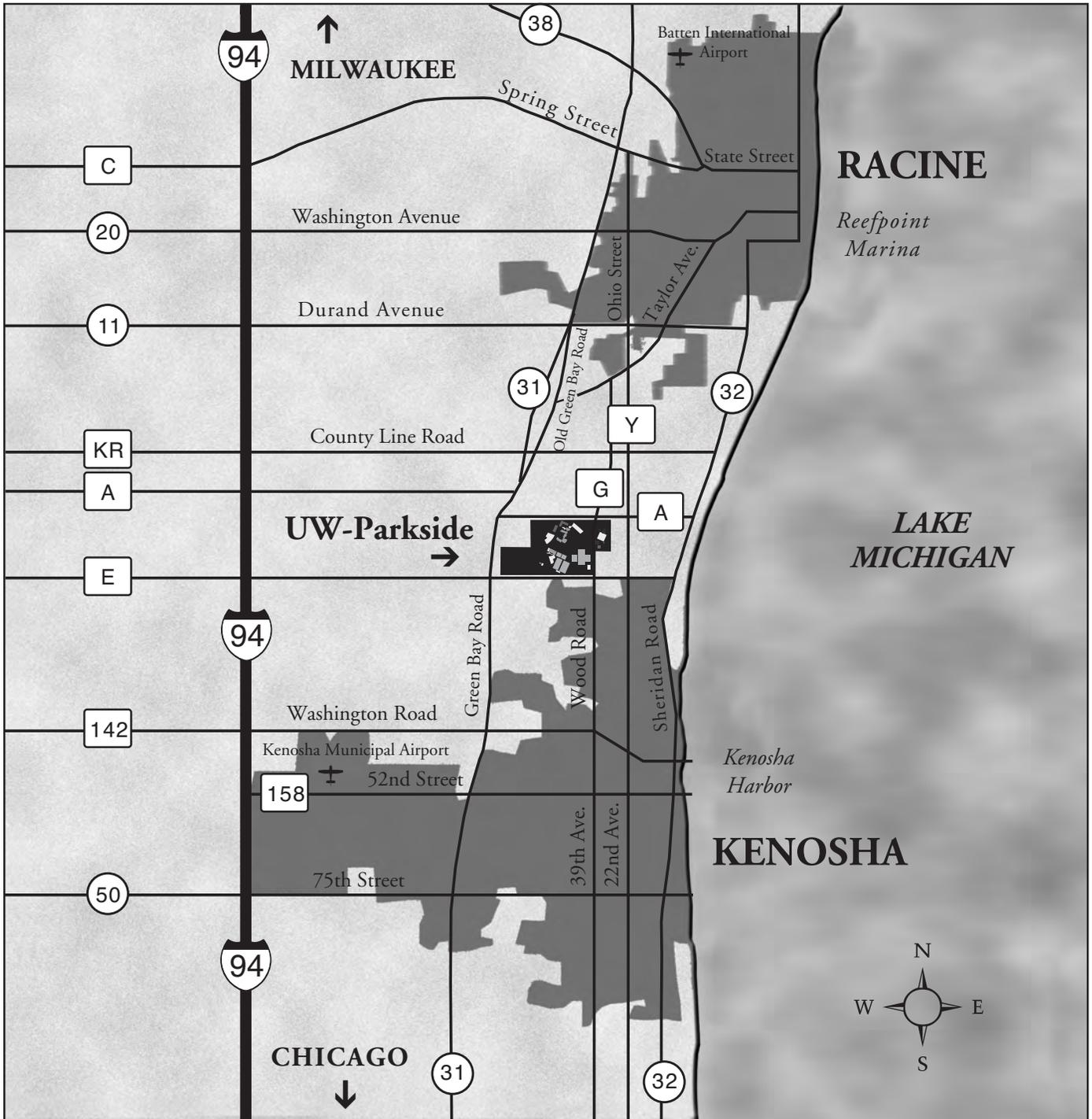
Access from 30th Avenue (Wood Road), 22nd Avenue, Sheridan Road (Highway 32), Highway 31.

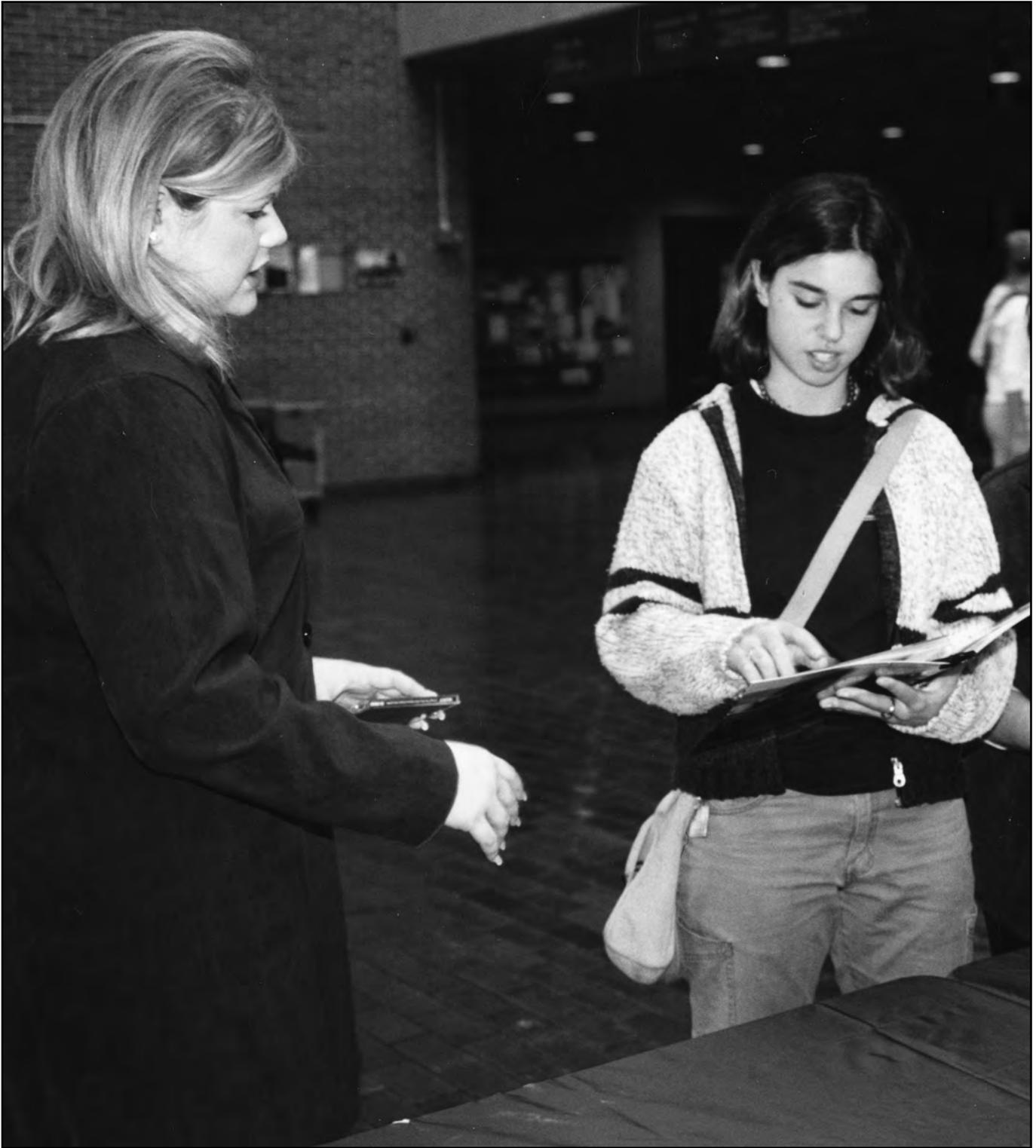
From Racine

Access from Highway 31, Highway 32, Meachem Road (Highway Y).

By Local Bus

Kenosha Transit and Racine's Belle Urban System (BUS) service the campus. For schedules and route information, call 653-4287 (Kenosha) or 637-9000 (Racine)





ADMISSIONS

ADMISSIONS

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ADMISSIONS

Molinaro D111 • 262-595-2355 • Keyword: *Admissions*

The Office of Admissions provides recruitment services, admission counseling and support for prospective undergraduate students. The office is located at the north end of the campus in Molinaro Hall, room D111.

Services offered by the Office of Admissions include providing general information about academic programs and support services; limited pre-enrollment career counseling and admission assistance for new freshmen, students of color, and re-entry, transfer, non-traditional, and international students. The office also houses admission application processing and coordinates residency appeals.

The Office of Admissions oversees the Campus Ambassador program, provides campus and housing tours, refers students for additional pre-admission assistance to other support offices, and coordinates class visits and pre-admission meetings with faculty. Open house and campus preview days, selection of recipients for a variety of new freshmen scholarships, and the coordination of non-resident scholarship programs are also handled by the Office of Admissions.

Degree-Seeking Status

Degree-seeking students are those expecting to complete requirements for a degree or for an additional UW-Parkside major, minor, or concentration if they already hold an undergraduate degree from UW-Parkside. Another term used to refer to a degree-seeking student is “matriculant.” To be accepted as degree-seeking, students must meet the appropriate admission requirements in effect at the time they complete the application file.

Students are subject to the requirements in effect at the time they are accepted as degree-seeking students. Determination of freshman, sophomore, junior, or senior classification will be made on the basis of the combined total of credits earned toward graduation at UW-Parkside and credits accepted in transfer:

Class	Credits
Freshman	24 or fewer
Sophomore	25 to 53
Junior	54 to 83
Senior	84 or more

Admission Requirements

New Freshmen

To be considered for admission as degree-seeking candidates, applicants must submit the University of Wisconsin System Application for Undergraduate Admission, a check or money order for the required application fee, and transcripts from all high schools attended.

Standard requirements for admission to UW-Parkside include graduation in the upper half of one's class from a recognized high school, or an ACT composite of 20, and completion of appropriate college preparatory course work as described below. Applicants without a high school diploma must provide evidence of satisfactory completion of requirements for a high school equivalency certificate from an approved certifying agency.

All new freshmen under 21 years of age on September 1 of the academic year in which they plan to enroll must also submit American College Test (ACT) or Scholastic Achievement Test (SAT) scores. Acceptable scores are determined annually.

Effective fall 1995, freshmen applicants must complete a minimum of 17 high school units with the following distribution:

Academic Subjects	Units
English	4 (3 units must be composition and/or literature)
Mathematics	3 (algebra, geometry or higher)
Social Science	3
Natural Science	3
Above areas, foreign language* and/or fine arts, computer science and other academic areas	4
Total Academic Units	17

Some high school courses may not satisfy college admission requirements for academic subjects. To be certain that work taken in high school will meet UW-Parkside admission requirements, students should contact the Office of Admissions.

- * While foreign language is not a requirement for admission to UW-Parkside, students who have not completed two years of one foreign language (with a minimum average grade of C in year two) will be required to complete foreign language at the college level. See the foreign language requirement in the Programs and Policies section of this catalog for further information.

International students seeking admission should consult the International Students section of this catalog.

Four-Year Graduation Guarantee Plan

The University of Wisconsin-Parkside offers a four-year graduation guarantee that assures eligible entering freshmen a degree at the end of eight regular semesters.

Under the Chancellor's Four-Year Guarantee Program, students work closely with an academic adviser to carefully plan a sequence of courses in order to complete UW-Parkside's degree requirements within four years of enrollment. The program is designed to help undergraduate students enter the work force full time as soon as possible, or pursue a graduate education, and avoid unnecessary tuition expenses.

To be eligible for the program, first-time freshmen entering UW-Parkside must express their intent to complete one major and degree program, have the necessary academic preparation to begin course work at the entry level for general education and their chosen major, and enroll in at least 15 credits their first semester.

To remain eligible, students must complete an average of 15 credits each semester, maintain a 2.00 grade point average, declare their major as soon as allowed by the academic department, develop a four-year plan with their academic adviser and meet with that adviser each semester prior to course registration. There is no penalty for students who enter the program but are unable to complete it; there is no obligation to stay in the program.

UW-Parkside provides participating students with a four-year academic plan, appropriate academic advising, and courses required for the declared major and degree. The university also provides substitutions or waivers of requirements or even free tuition or tuition reimbursement for participating students if the required courses are not available and the student is not able to graduate in four years.

For more information about the Chancellor's Four-Year Guarantee Program, contact the Advising Center in Wyllie Hall room 107 or call 262-595-2040.

Transfer Students

Transfer students are those who enter UW-Parkside with credits earned from another accredited college, university, or college-parallel liberal arts program.

Transfer students must submit the University of Wisconsin System Application for Undergraduate Admission, a check or money order for the required application fee, and transcripts from all high schools and all institutions of higher education previously attended. Applicants who already hold a bachelor's degree need not provide high school transcripts, unless they have completed the foreign language requirement with course work completed in high school (see the foreign language requirement in the Programs and Policies section of this catalog).

Requirements for the standard admission of transfer students who have attempted more than 15 credits of college work are: graduation from a recognized high school or equivalent; a minimum cumulative grade point average (GPA) of 2.00 on all college work attempted; and eligibility to continue at the last accredited college attended.

Transfer students who do not meet these requirements will be considered for admission if: (1) they would be admissible as freshmen at UW-Parkside; and (2) they would be eligible to continue at UW-Parkside had they achieved their existing academic record at UW-Parkside. UW-Parkside accepts a maximum of 72

credits from any University of Wisconsin two-year college or any other two-year institution with an accredited college-parallel liberal arts program. College-level courses with a passing grade will be applied toward the number of credits needed for a degree. However, some of these courses may not meet specific major or general education requirements. The appropriate department should be contacted for verification that specific course work fulfills major requirements.

Students who do not meet the admission criteria stated above may be considered for admission if they can demonstrate an equivalent level of skill.

Transfer students with 90 or more acceptable credits of multi-disciplinary course work from an accredited liberal arts, baccalaureate degree-granting college or university will be considered to have completed UW-Parkside general education requirements, excluding the foreign language and ethnic diversity requirements. The same policy shall apply to students who hold an associate degree from a UW College and to students holding associate of arts and associate of science degrees from accredited college-parallel liberal arts programs with a minimum of 45 transferable credits.

Transfer Information System (TIS)

Transfer students can use the Transfer Information System (TIS) to find information on transferability of courses. TIS is a database that gives students information on how courses transfer within two- and four-year UW System institutions. It also includes transfer information about the Wisconsin Technical College System. TIS provides course equivalencies and information on which courses meet general education requirements, as well as additional information important for transfer students. Access to TIS at UW-Parkside is available in the library's computer laboratories, Molinaro 115, Molinaro 118 and Molinaro 124. TIS can be accessed through UW-Parkside's website or directly at <http://www.uwsa.edu/tis>.

Important information about academic policies that apply to transfer students can be found in the Programs and Policies section of this catalog.

Failure to inform UW-Parkside of attendance at any other institution of higher education may constitute grounds for disciplinary dismissal. If, after receiving complete transfer records, the university determines that the student is on academic or disciplinary drop status at another institution of higher education, that status will be honored by UW-Parkside and the applicant's registration will be canceled.

Transfer students from the Wisconsin Technical College System and students enrolled in the Wisconsin Technical College System who wish to continue their education in the UW System may be eligible to transfer credits toward bachelor's degrees.

Students enrolled in the college-parallel program at Madison Area Technical College, Milwaukee Area Technical College, or Nicolet Area Technical College may transfer up to 72 credits of liberal arts-parallel (200 level) toward their degrees.

Up to 30 credits of specified courses designated as general education by the Wisconsin Technical College System may be transferred to UW-Parkside. Also, two specified courses in math and science may be accepted. Additional courses are eligible for transfer if they are included in the specific program-to-program transfer agreements that UW-Parkside has signed with some of the Wisconsin Technical College institutions. In particular, transfer agreements have been established between UW-Parkside and Gateway Technical College involving child care and development, corrections science, graphic arts, human services, police science, radio broadcasting, and areas of business in accounting, computer information systems, logistics, marketing, and supervisory management.

The UW-Parkside/UW-Milwaukee Consortial Nursing Program has signed a program-to-program articulation agreement with Gateway Technical College. The agreement affords those students who have earned an associate degree in nursing at Gateway Technical College the opportunity to transfer credits toward the bachelor of science degree. Students wishing to take advantage of this articulation agreement should consult with the academic adviser of the nursing program, located in Tallent Hall.

Students transferring from the Wisconsin Technical College System may earn additional credit by achieving appropriate scores on national standardized examinations (e.g. College Level Examination Program).

Re-entry Students

Applicants who previously attended UW-Parkside but have not been enrolled for at least the last semester must complete a re-entry application.

In addition, students applying for re-entry must submit high school transcripts and transcripts from all institutions of higher education previously attended unless they have been provided in the past. Applicants who have been dropped for academic reasons from another institution since last attending UW-Parkside are not eligible to return to the university. Under extraordinary circumstances the Office of Admissions will consider appeals.

Applicants seeking re-entry after having served a period on academic suspension from UW-Parkside must complete a re-entry application and contact the Advising Center to obtain a special permit to re-enter the university. To obtain a permit to reenter, students must demonstrate that they have improved their ability to succeed in college.

Non-Degree-Seeking Students

UW-Parkside welcomes students pursuing studies for personal or professional enrichment. Persons not pursuing a degree or an additional major, minor, or concentration and those wishing only to audit courses are admitted as non-degree-seeking students. Such students must submit the University of Wisconsin System Application for Undergraduate Admission, but no application fee is required. Non-degree-seeking students are classified as special students at the graduate or undergraduate level and are not eligible to receive financial aid.

A non-degree-seeking student may not enroll for more than 6 credits in a given semester without permission of the director of advising. Only the first 15 credits earned at UW-Parkside as a non-degree-seeking student may later be applied toward an undergraduate degree. A non-degree-seeking student cannot declare a major. Academic probation and drop policies related to grade point averages and earned credits apply. Completion of appropriate placement tests is a required prerequisite to enrollment in English, mathematics, chemistry, or second-semester or higher foreign language courses.

Non-degree-seeking students who desire to be degree candidates must file a degree-seeking application, available from the Office of Admissions, and submit transcripts from all high schools and all other institutions of higher education previously attended. Students must meet the admission requirements in effect at the time they complete their files and are ready to be considered for admission as degree-seeking students.

Students are subject to degree requirements in effect when they are accepted as degree-seeking students. Students who have been granted degree-seeking status and wish to declare a major may petition to do so.

They will be subject to requirements in effect at the time of the declaration of major. Students who have previously been degree-seeking with a declared major may have to declare that major again and may be subject to the requirements in effect at the time of the re-declaration.

International Students

Students from 30 countries currently attend UW-Parkside. The Office of Admissions assists international students in completing the admissions process and determines eligibility for scholarship assistance.

Admission of international students depends on scholastic achievement, English language competency, and the student's ability to secure the required financial support. To apply, students must submit the following: The International Student Application; official transcripts in English translation documenting completion of secondary school and attendance at all other institutions of higher education (if applicable); a check or money order payable through a United States bank to cover the required application and international student fee; and official Statements of Financial Support. Students must also arrange for the university to receive scores from the Test of English as a Foreign Language (TOEFL). A score of 525 (or its computer-based equivalent of 193) is required. In addition, upon admission, each student is required to take a placement test to determine English proficiency prior to course placement.

Students seeking transfer credit from an international post-secondary institution will be referred to a foreign credential service. An additional fee will be charged by the evaluation service.

International students are generally required to finance their entire education. United States immigration regulations restrict almost all off-campus work and limit on-campus work to 20 hours per week.

International students are eligible for academic and athletic scholarships. For admission deadlines and application materials, contact the Office of Admissions.

Veterans

UW-Parkside is approved for the education of reservists, veterans, disabled or deceased veterans' dependents, and war orphans under programs provided by the U.S. Veterans Administration and the state of Wisconsin Department of Veterans Affairs. All veterans' benefits are coordinated by the school certifying official in the Office of the Registrar.

To be certified for benefits, veterans enrolling for the first time must submit an Application for Educational Benefits form. Students who were receiving benefits at another school must submit a Request for Change of Place of Training form. In order to continue receiving benefits, veterans must submit a Request for Veterans' Benefits form at the beginning of each semester. Veterans interested in state of Wisconsin benefit programs must contact their county veterans service office.

Veterans who plan to receive financial aid in addition to veterans benefits must report their monthly benefit amounts to the Student Financial Aid Office. Federal regulations require veterans benefits to be considered as part of a financial aid award package.

Veterans who have not attended UW-Parkside for one or more semesters should contact the Office of the Registrar when applying for reentry to the university.

Opportunities for Social Security Disability Recipients and Senior Citizens

Persons receiving Social Security Disability Insurance and senior citizens aged 60 or older may audit courses without paying a fee. (See section entitled "Audit" in the Programs and Policies section of this catalog.)

High School Students

High school juniors and seniors with superior high school records may enroll as non-degree-seeking students in one or two UW-Parkside courses while working toward a high school diploma. Students must consult with their high school counselors before undertaking university work and present written permission from the appropriate high school official.

Youth Options Program

Students in Wisconsin public high schools may be eligible to take college courses for both high school and college credit and have those courses paid for by their school district. Interested students should consult their high school counselors for information about this program.

Minimum qualifications for the Youth Options Program require that students must:

- Be in the junior or senior year.
- Rank in the upper 25% of their high school class.
- Have the approval from their high school.
- Submit all appropriate and official applications and documentation as approved by their high school.

Advanced Placement

Applicants who have exhibited outstanding scholarship and participated in the College Entrance Examination Board's Advanced Placement Program may be considered for advanced college placement or credit. Such applicants must submit official Advanced Placement examination reports to the Advising and Testing Office.

Placement Tests

All new students are required to take placement tests in English and mathematics. Students wanting to enroll in chemistry and/or advanced foreign language courses must also take placement tests in those areas.

Test results are used to advise students about which courses are needed to achieve skills requirements.

Financial Aid

Various financial assistance programs are available to qualified students. Currently, more than \$28 million in aid is awarded annually to UW-Parkside students.

Approximately 60 percent of our students receive some aid, in the form of federal, state, and institutional grants; scholarships; loans; and work programs. Students who apply for financial aid are considered for all types of aid except scholarships, for which separate applications are required.

State and federal grant program funds are awarded primarily on the basis of financial need and are dependent upon academic performance. Grants do not have to be repaid and range in amounts from \$400 to \$4,050. Grant assistance programs include Federal Supplemental Educational Opportunity Grants, Pell Grants, Lawton Grants, Talent Incentive Program (TIP) Grants, and Wisconsin Higher Education Grants (WHEG).

Several student loan programs are available including Federal Perkins Student Loans, Federal Stafford Student and Federal Parent Loans, and some state loans. These loans carry a very low interest rate, and in some cases both loan principal and interest payments can be deferred until after graduation.

Applications are carefully examined in order to put together the best financial aid package possible; however, financial aid rarely meets all college expenses. Costs not provided for by students' and/or parents' resources can be met through a combination of resources. Such a financial package may include a loan and a grant, a scholarship and a loan, or a loan and a job.

Financial Need Analysis

In awarding financial assistance, UW-Parkside adheres to the principles of financial aid administration developed by the National Association of Student Financial Aid Administrators. To judge need and distribute financial aid fairly, the university requires independent students or parents of dependent students to complete a confidential statement of their income, assets and liabilities.

Financial aid information and applications are available from the Financial Aid Office. Freshmen, transfer and re-entry students should request financial aid information at the time they apply for admission. Financial aid forms are also available at high schools. Continuing students must apply yearly for financial aid. Forms are available in January in the Financial Aid Office. Students are strongly encouraged to use FAFSA on the web to apply for financial aid (www.fafsa.ed.gov).

Financial Aid Priority Filing Date

Complete financial aid applications should be submitted to the Student Financial Aid Office before April 1 for students planning to enroll at UW-Parkside the following September. Financial aid forms received on or before March 15 are given first priority. These students will be notified beginning in early April.

The following U.S. Department of Education regulations apply to all financial aid recipients:

1. Failure to maintain satisfactory progress, e.g., toward a degree and a 2.00 grade point average, may result in future termination of financial aid eligibility.
2. Student aid recipients who withdraw from classes may be required to repay all or a portion of funds received.
3. Failure to repay will result in future aid termination.
4. Students must be seeking a college degree (non-degree-seeking students are not eligible), be U.S. citizens and be enrolled at least half time.
5. Students who owe a repayment or refund of federal grants or who are in default on any educational student loan are not eligible for financial aid.
6. All applicants must sign a statement agreeing to use student aid funds only for educational expenses.
7. Male students must be registered with the Selective Service System. Specific details of these regulations and refund and repayment schedules are available from the Financial Aid Office.

Out of State Initiative Scholarship

Out of State Initiative Scholarships offer partial to full waivers of the non-resident portion of tuition for qualifying students from any other state. The number of scholarships is limited, varies, and is subject to availability each year. Minimum qualifications require that applicants must be admitted to UW-Parkside, and:

Entering freshmen

Must have a minimum rank in the top 35% of their high school class AND have an ACT composite score of 23 or higher, or a SAT score of 1070 or higher.

Transfer students

Must have a minimum cumulative college grade point average of 2.50 (on a 4.0 scale), or higher. If transferring with less than 12 credits, students must also meet entering freshman requirements (above).

Renewal

This scholarship can be renewed a maximum of 8 semesters if:

- Students remain continuously enrolled (Fall and Spring).
- Enroll for no less than 6 credits, but no more than 18 credits per semester.
- Maintain a minimum 2.50 cumulative grade point average.

Limitations and Additional Benefits

- The university reserves the right to give preference to students living on campus and to award scholarships to the highest achieving applicants.
- International students are not eligible to apply for this scholarship.
- It is the student's responsibility to monitor and meet graduation requirements within the 8-semester eligibility.
- Students may apply for the scholarship for summer session. *Summer session will not be counted against the 8-semester limit.* The summer grade point will be counted against the required cumulative GPA requirement.

Scholarships

Approximately 180 academic and talent scholarships are available on a competitive basis for both new students entering the university, and students continuing their studies each year. The university uses one common application for all university scholarships and requires that students apply just once a year. *Scholarship applications are available on September 1. The annual application deadline is February 1.* Students selected to receive scholarships are notified beginning April 1. All scholarships are awarded for the following academic year.

Students interested in applying for performance scholarships in art, theatre arts or music should complete the university scholarship application and contact the discipline department chairperson in early fall for an audition schedule.

A complete list and descriptions of UW-Parkside scholarships can be found on the university's website at www.uwp.edu Keyword: *Scholarships*.

Tuition and Fees

Tuition and fees are set annually by the University of Wisconsin System Board of Regents and are subject to change without notice. Because these charges are approved each year and usually not until summer, current tuition and fees are not included in this catalog. Costs for the most recent year, 2004-2005, are included below. Students should anticipate a 10-percent increase for each upcoming year when estimating total costs of their education.

In 2004-2005, total estimated costs for a Wisconsin resident to attend UW-Parkside for one semester were \$2,626.00, including \$2,326.00 for tuition and fees and \$300 for books.

Tuition

The tuition schedule below was current for the 2004-2005 academic year.

Wisconsin Resident Tuition Fall and Spring Semesters

\$2,326.00 per semester for 12-18 credits

\$196.00 for first credit

\$194.00 for each subsequent credit up to 18

\$167.00 for each additional credit over 18

Nonresident Tuition Fall and Spring Semesters

\$7349.00 per semester for 12-18 credits

\$614.00 for first credit

\$612.00 for each subsequent credit up to 18

\$585.00 for each additional credit over 18

Wisconsin Resident Summer Session 2005

\$1,664.00 for 12 credits

\$196.00 for first credit

\$194.00 for each subsequent credit

Nonresident Summer Session 2005

\$5,431.00 for 12 credits

\$614.00 for first credit

\$612.00 for each subsequent credit

A mandatory fee of \$2.00 to support activities of the United Council is assessed each student. The fee is used by the United Council to finance lobbying efforts and other activities on behalf of students. Students who do not wish to contribute to such activities may obtain refunds by written request to United Council of UW Student Governments, 122 State Street, Suite 500, Madison, WI 53703.

Audit Fees

Only students receiving Social Security Disability Insurance and those aged 60 or older when classes begin may audit classes at no charge. Others will be charged as follows:

1. Students taking a combination of credits and audits will be charged the normal per credit rate for all classes, whether audited or for credit.
2. Students taking audits only (with the exception of Social Security Disability Insurance recipients and those aged 60 or older) will pay approximately the following rates:
Resident student \$52.00 per audited credit
Non resident student \$295.00 per audited credit

Payment of Fees

Students who complete registration before fall and spring semesters begin will receive a class schedule and fee statement. Tuition is due one week from the start of classes.

Students who register before summer session begins will be sent a class schedule and fee statement. All students must pay tuition by Friday of the first week of classes. Fee information will be available by mid April.

If tuition is paid by an agency or employer, a letter of authorization to bill must be brought to the Cashier's Office at the time of registration or no later than the tuition due date — one week from the class start date.

All tuition payments can be made at the Cashier's Office or on the SOLAR System. Late payments will be assessed a fee of \$5.00 per credit (up to a maximum of \$60) if paid after the tuition due date.

Credit card payments can only be made online, not in the Cashier's Office.

If tuition and fees are not paid by the Friday of the fourth week of classes, a 1 percent per month delinquency charge will be added each month until the balance is paid in full.

Any costs incurred by the university for the collection of unpaid balances will be assessed to the student's account.

Tuition/Housing and Food Service Installment Plan

Installment or payment plans are available during the fall and spring semesters for tuition, rent and food plan. The installment plan is not available for summer session. Special rules apply to financial aid recipients; please contact the Cashier's Office for additional information.

Students may apply for an installment or partial payment plan by filling out the University Credit Agreement and returning it to the Cashier's Office. This credit agreement is valid for all semesters for which a student is registered, unless revoked by UW-Parkside.

A \$20 membership fee is charged each semester the installment plan is used. The payment schedule for the installment plan(s) is:

1. The down payment equals 40 percent of semester charges plus \$20 membership fee due by the tuition due date—one week from the start of classes (payments made after this date result in administrative assessment fees which must be paid with the down payment). The down payment activates the installment plan for the current semester.
2. The second payment equals 50 percent of the "New Balance" and is due by the fifth week of classes.
3. The third payment equals the "New Balance" and is due by the 10th week of classes.

Specific dates will be published with each semester's "Fee Facts" brochure.

Those on the credit plan will be billed for the second and third payments. Any or all of the three payments may be made by mail or online, if a signed credit agreement is on file.

The second and third payments are subject to a finance charge at the annual percentage rate of 12 percent, if paid more than 10 days past the due date.

Students with a demonstrated poor payment history may be denied access to a partial payment plan.

Fees for Adding Courses

Students taking more than 18 credits or part-time students adding credits during the semester will be assessed additional charges. Payment will be due during the week additional credits are added. No billing will be sent. Students who fail to pay during the week classes are added will be charged an administrative fee.

Fees for Dropping Courses

After the 10th day of classes, students will be charged a \$15 per credit fee for dropping classes. For module classes the fee is charged after the third class meeting. During the summer session the fee is charged after the 5th day of classes. This fee is in addition to the percentage charges assessed per the refund schedule.

Fees for Enrollment Changes

Beginning the 11th day of classes, students who drop and then add classes in the same week will be charged

- the \$15 per credit drop fee,
- the applicable charges for that week based on the refund schedule for the dropped class(es), and
- the additional per credit rate for the added class(es). The fee will not be charged for section changes of the same course.

Charges for Checks Returned for Non-sufficient Funds

Non-sufficient fund checks returned by the bank will not be redeposited. Students will be assessed a \$20 charge plus any additional late payment fees for returned checks and must make payment with cash, money order, or cashier's check. Persons who have two checks totaling \$20 or more returned within a 12-month period will lose check-writing privileges campus-wide for one year.

Refunds For Withdrawals

Students withdrawing from UW-Parkside during the semester may be entitled to a partial refund of fees. The refund schedule for semester-length courses is as follows: 100 percent will be refunded if the student withdraws during the first or second week of classes; 50 percent during the third or fourth week.

No refunds will be given for semester-length classes dropped after the fourth week of classes.

Students who drop classes and are eligible for refunds based on the above refund schedule will receive refunds after the add/drop deadline.

The refund schedule for credit changes is the same as the schedule for withdrawals. The refund schedules for modular classes and summer sessions follow.

Four-Week Modular Classes

100 percent first week
25 percent second week

Five-Week Modular Classes

100 percent first week
50 percent second week

Eight-Week Modular Classes

100 percent first week
50 percent second week
25 percent third week

Summer Session Classes

100 percent first week
50 percent second week
25 percent third week

No refund will be given for classes dropped after the third week of classes.

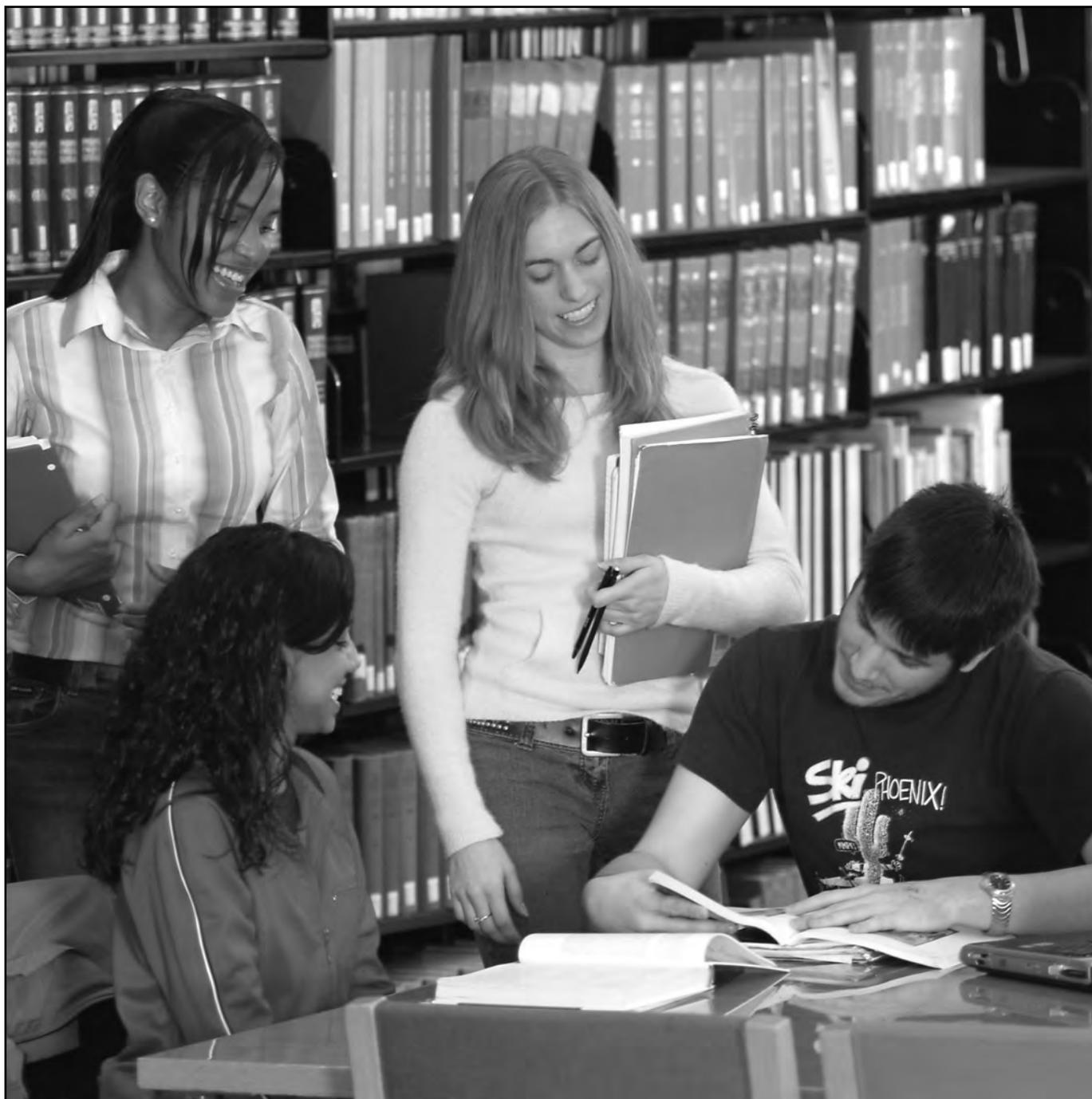
Students in the Weekend College program have different payment dates and refund schedules.

Housing Refunds

Rent refunds will be prorated weekly, based on actual time spent living in campus housing less the \$50 non-refundable pre-payment/security deposit as outlined in the housing contracts.

Food Refunds

Students who withdraw from school prior to the sixth week of the semester are eligible for a prorated refund of the \$275 dining services portion of the enrollment fee. The \$25 Ranger Card administrative fee is non-refundable. All unused food dollars will be refunded to the student.



STUDENT SERVICES
& CAMPUS LIFE

STUDENT SERVICES AND CAMPUS LIFE

www.uwp.edu

STUDENT SERVICES & CAMPUS LIFE

262-595-2345 • Keyword: *Student Life*

A quality university experience goes beyond the classroom. UW-Parkside offers students a variety of campus activities and services designed to support academic endeavors and enrich personal and professional development.

UW-Parkside is committed to cultural enrichment and diversity. The Student Activities Office, Office of Multicultural Student Affairs, and International Student Services facilitate the campus response to academic and social needs of students of all ethnic backgrounds. A variety of programs throughout the year celebrate cultural achievements and contributions.

Athletics and Recreation

A comprehensive program of intercollegiate athletics and recreational activities is available at UW-Parkside. Recreational facilities include a six-lane bowling alley; pool, foosball, ping pong tables, and video arcade games in The Den, a recreation center on the lower level of the Parkside Union. The campus supports an all-purpose Sports & Activity Center, featuring the Frank J. Petretti Fieldhouse, Alfred S. and Bernice De Simone Gymnasium and the Carmen D. Tenuta Hall. The center is equipped with a weight room, eight-lane swimming pool, an indoor track, and court facilities for racquetball, handball, squash, tennis, basketball, badminton, and volleyball. Outdoor facilities include six tennis courts, seven soccer fields, the Red Oberbruner Field baseball diamond, the Case Softball Complex, and a 400-meter all-weather track.

The UW-Parkside women's softball team plays home games on the Sports Physical Therapy Center field at the Case Softball Complex. The Wayne E. Dannehl National Cross Country Course is used for cross country running and skiing as well as walking. Neighboring Petrifying Springs Park features a public 18-hole golf course, an outdoor volleyball court, and two softball diamonds.

The university offers a comprehensive program of intramural sports. Students can participate in a variety of leagues, tournaments, and open play. Competitive team sports include flag football, basketball, volleyball, soccer, and softball. Individual participation is available in sports such as tennis, golf, racquetball, badminton, bowling, and floor and water aerobics.

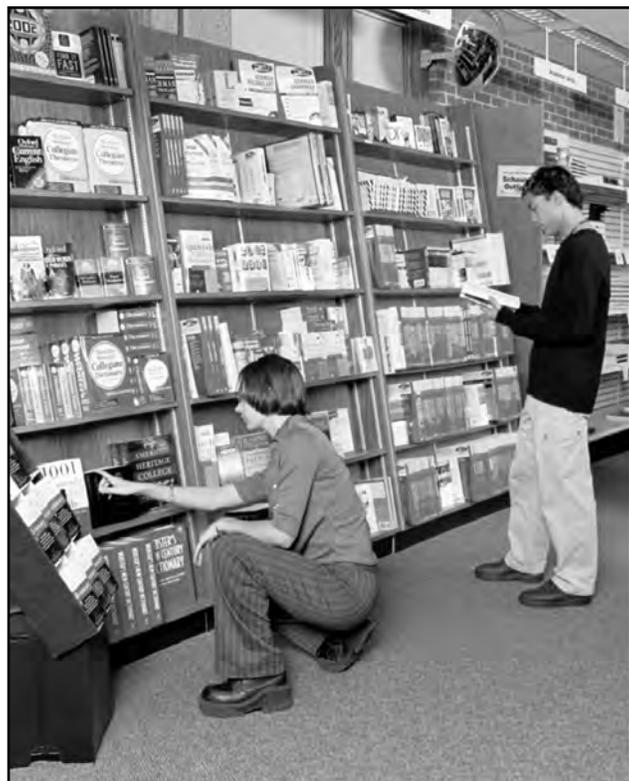
Intercollegiate athletics at UW-Parkside include a complete program of competitive sports for men and women. The university is a member of the National Collegiate Athletic Association (NCAA) Division II and the Great Lakes Valley Conference (GLVC). Varsity participation is available in men's and women's cross country, men's and women's track and field, men's and women's soccer, women's volleyball, men's golf, men's and women's basketball, softball, baseball, and wrestling. UW-Parkside's track program features race walking, which attracts athletes from across the United States. A number of participants have gone on to represent the United States in the Olympic Games.

The university hosted the NAIA National Cross Country Championships for many years, hosted the TAC National Cross Country Meet in 1993, and has served as the site for the NCAA National Division II Cross Country Meet and the National Fencing Championships several times. UW-Parkside has twice hosted the NCAA National Division II Wrestling Championships.

The university athletic teams are known as the Rangers, and the school colors are forest green, white, and black. Ranger Bear is the team mascot. The UW-Parkside athletics program has produced more than 500 All-Americans in men's and women's sports, including 75 national champions. In addition, UW-Parkside has had numerous Academic All-Americans, reflecting the university's commitment to competitiveness in both athletics and academics.

Campus Bookstore

The Campus Bookstore is located just off lower Main Place (Level D-1) in Wyllie Hall. Both text and trade books are found in the store in an open-stack, "select your book" environment that allows students a chance to browse and to personally examine new or used books prior to purchase. In addition, the store features school supplies, official UW-Parkside imprinted clothing, greeting cards, gift items and snacks.



STUDENT SERVICES
& CAMPUS LIFE

Career Center

The Career Center offers services to assist UW-Parkside students in career development. Students are encouraged to visit the center frequently in order to explore career options before their senior year. Career Center counselors help students assess personal interests, values, and abilities as they make decisions about a major course of study or career goal. Numerous assessments are available as well as career books, periodicals, employer and graduate school indexes, and Internet resources. Information on internship opportunities is available.

Workshops are offered each semester to assist students as they make career decisions. Individual counseling and workshops for job seekers are conducted during the year. Students are exposed to a variety of job search strategies including resume writing and interviewing. Job vacancies are posted, candidates' resumes are referred to local employers, and on-campus interviews are coordinated by the Career Center. Assistance in graduate school planning is also provided. Students are encouraged to discuss graduate plans with a counselor one year prior to graduation.



Child Care

The Child Care Center provides a quality, affordable early childhood experience for children of students, staff, faculty and the local community. Located east of the main campus complex, the center provides child-centered programs. A state-licensed agency, the Child Care Center offers services during the academic year for children between the ages of 4 weeks through 4-year-old preschool. Individuals are encouraged to contact the center early when making child care arrangements for each semester. For additional information, call the center at 262-595-2227.

Clubs and Organizations

Parkside Activities Board

The Parkside Activities Board (PAB) is the UW-Parkside student organization which presents campus entertainment and activities. These include films, lectures, dances, live entertainment, comedians and annual activities such as the Backyard Bash, Casino Night, and the Haunted Tunnels.

Adult Student Alliance

Adult students are a significant component of the UW-Parkside student body. The Parkside Adult Student Alliance (PASA) is designed to serve the needs of adults returning to college. PASA aids in the recruitment and retention of adult students through a variety of academic and support networks. The organization is helpful for those students juggling family and employment obligations. Activities include Family Fun Night, brown bag lunch/speaker sessions, and various workshops.

Asian Organization

The goal of the Asian Organization is to establish a community of support, and share educational experiences. Members, as well as other students, will be exposed to the beauty of the Asian cultures that exist within the student body through educational programs and cultural festivities.

Black Student Union

The purpose of the Black Student Union (BSU) is to promote socio-cultural unity, awareness of history and a sense of ethnic appreciation among African-American students. BSU promotes intercultural exchanges among all races and exists to serve the unique needs of African-American students on campus.

International Club

The Parkside International Club (PIC) is a student organization that encourages friendship between all international students and students from the United States. The organization provides opportunities for students to explore their leadership potential and organizes social/educational events to highlight the students' various cultures to increase international awareness on campus and in the local community. For more information, contact the Center for International Studies, Tallent 180.

Latinos Unidos

Latinos Unidos is a cultural club oriented toward diversity and is open to the campus. Latinos Unidos has five simple objectives: encourage education for personal and professional growth; provide a harmonious atmosphere for Hispanic students, Spanish majors and the general student body; secure a community of supporters on campus and in the community at large; share the Hispanic heritage and culture with the community; and establish a membership for all students, staff and faculty.

GLBTA Rainbow Alliance

Rainbow Alliance is an organization that supports gay, lesbian, bisexual, transgender and questioning people, and straight allies. Rainbow Alliance facilitates dialogue and education. All people of goodwill are welcome to learn more about queer culture and politics.

Sacred Circle

Sacred Circle honors the cultures of American Indian and indigenous people. This is done through recognizing, encouraging, supporting and promoting those activities that exemplify the purpose of the organization.

Student Government

The Parkside Student Government Association (PSGA) is the official, elected governmental organization of the student body. PSGA consists of a student senate, judiciary branch, allocation

committee, legislative affairs committee, student services committee, social concerns committees, and makes appointments to various university committees.

Student Organizations Council

The Student Organizations Council (SOC) provides a forum for the communication and support of more than 70 recognized student clubs and organizations. In addition, the council coordinates co-curricular activities for the purpose of enriching campus life.

The Ranger News

The Ranger News is the weekly student newspaper on campus. Managed by students, the newspaper is designed to inform students, faculty, staff and the community about campus activities and issues.

WIPZ 101.7-FM Radio

WIPZ is an organization provided by the students for the students, and was started by the students dedicated to creating a radio station at UW-Parkside.

Computer Labs

UW-Parkside offers students a variety of computer environments. General access microcomputer laboratories are located on the ground floor of the Library, Molinaro 115, Molinaro 118, and Molinaro 124. The labs, open seven days a week, provide a variety of computer platforms and printing capabilities and a wide selection of software programs. Some departments maintain specialized microcomputer labs for use by their majors (e.g., computer science, business, biology, and physics).

All computer labs offer students Internet access, and the university provides an e-mail account to all students. In addition to the on-campus labs, the university maintains a dial-in modem pool that students can use to access their e-mail and many of the specialized systems required to complete course work.

Dining Services

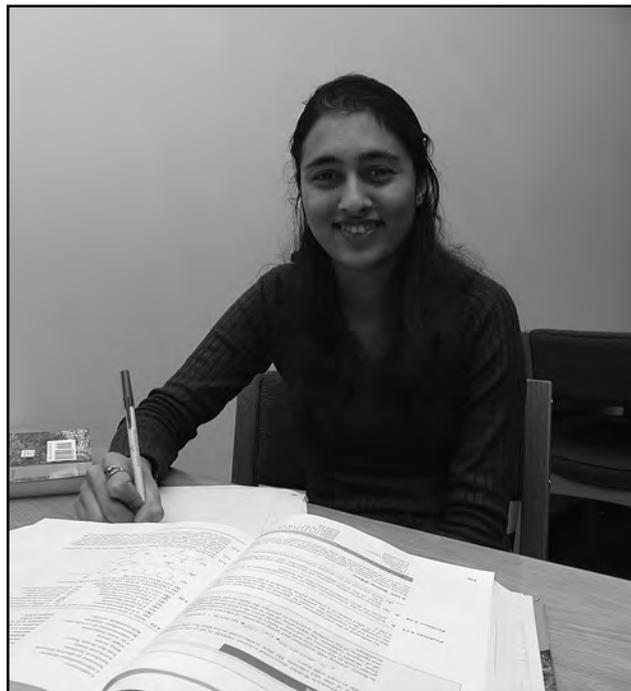
UW-Parkside offers students flexible dining options available in today's college setting. Among the most popular places to eat is the Union main dining room. It is the largest food service area on campus, seating approximately 400 for breakfast, lunch and dinner. Located on the main concourse level of the Parkside Union, it offers both self-serve and attendant-served areas, including a grill area, salad bar, home-style soups and bakery, traditional entrees, and a wide variety of beverages. In addition, Union Square, Wyllie Market and Java City – a coffee shop located on the L1 level of Molinaro Hall – offer a variety of food and beverage options. Beverage and food vending machines are available in almost all UW-Parkside buildings.

Disability Services

Services for UW-Parkside students with disabilities are coordinated by the Disability Services Office in the Office of Educational Support Services. Students with documented disabilities who desire accommodations should identify themselves to the Coordinator of Disability Services 262-595-2610.

Students with physical disabilities are also encouraged to contact the Student Health and Counseling Center at 262-595-2366.

Students with disabilities are required to submit medical or other diagnostic documentation of the disability and limitations. They may be required to provide additional documentation prior to receiving requested accommodations. Requests for accommodations should be made as soon as possible, preferably at least eight weeks in advance of a course, workshop or activity. Accommodations that are available to students with disabilities include but are not limited to taped textbooks, enlarged materials, preferential seating (front, etc.), alternate test formats, taped tests, and note-taker services. The policy and guidelines applying to nondiscrimination on the basis of disability are available in the Disability Services Office and on the UW-Parkside website.



Educational Support Services

The Office of Educational Support Services is available to enrich and support classroom learning. Many UW-Parkside students will use several of the following academic services before graduation: disability services, developmental classes, tutoring, or membership in Student Support Services. All Educational Support Service offices are located in Wyllie Hall D175.

Learning Assistance

Learning Assistance offers Academic Skills courses, manages the UW-Parkside Tutoring Center, and coordinates supplemental instruction. Through Learning Assistance, workshops are provided in time management, coping with stress, test-taking strategies, learning styles, math anxiety, reading improvement, and vocabulary expansion. These workshops are available upon request for university classes and campus groups.

Learning Assistance offers computer-enhanced course work in mathematics and writing in a high technology classroom/lab. Supplemental instruction is offered for classes known to be diffi-

cult for students. Supplemental instruction leaders attend classes and facilitate small group study sessions outside class meeting times. It is a method that has proven class success. Faculty interested in supplemental instruction for their classes and students interested in becoming supplemental instruction leaders should contact Learning Assistance in Wyllie Hall D175.

The Tutoring Center offers peer tutoring in most academic areas at no charge. Mathematics and writing assistance are offered on a walk-in basis. Other subject tutoring is done by appointment.

Student Support Services

Student Support Services is a structured retention program funded by the U.S. Department of Education under federal TRIO programs. The program is targeted to students who meet at least one of the three federally established criteria: 1) falls under a certain income level; 2) is a first-generation college student – neither parent has graduated from a four-year college or university; 3) has a diagnosed disability.

The Student Support Services program provides intrusive advising, career planning, personal advising, collaborative learning, peer mentoring, cultural and educational programming, financial aid planning, and educational assistance for more than 150 students.

Housing

The Residence Life Office provides UW-Parkside students with information regarding on- and off-campus housing options. For those interested in on-campus housing, UW-Parkside offers two facilities – Ranger Hall and University Apartments. Ranger Hall is a more traditional style residence hall. Each fully furnished room is shared by two students. There is also a TV lounge and kitchenette on each floor. A computer lab, laundry room, fitness area and study rooms are located on the lower level of the facility. University Apartments consists of 53 fully furnished four-bedroom, two-bath apartments. University apartments can accommodate 364 students. All units share a computer lab, and a lounge area that includes a television, vending machines and laundry facility. Students interested in on-campus housing are encouraged to apply immediately after admission to the university. To apply, students must fill out an application and submit a \$50.00 security deposit to the Residence Life Office. The estimated rates for 2005-2006 are:

University Apartments

Small double	\$1,410.00 per semester
Double	\$1,580.00 per semester
Single	\$1,845.00 per semester

Ranger Hall

Double	\$1,625.00 per semester
Single	\$1,890.00 per semester

International Student Services

International students from 30 countries currently attend UW-Parkside. The Admissions Office assists international students with the admission process, and the international student adviser located at the Center for International Studies, Tallent 180, provides support once the students arrive on campus. The adviser

coordinates the international student orientation, a welcome picnic in the fall semester, and the international friendship hours as well as advises students about immigration issues, international health insurance and cross-cultural adjustment issues. International students must submit an application, a sponsorship form, a transcript and TOEFL scores for admission. See the Admissions section – *International Students* – for more information.

Multicultural Affairs

The Office of Multicultural Student Affairs promotes a diverse inclusive campus environment, serves as a resource to the campus and surrounding community while offering academic and cultural programs. The goal of the Office of Multicultural Student Affairs is to enhance the college experience, so that all students achieve academic success and are able to compete in a global society.

The Office of Multicultural Student Affairs provides:

- Assistance to students with multiple learning styles and behaviors;
- Learning opportunities that enhance personal spiritual and intellectual development;
- Retention-based programs, including academics and cultural programs to enhance the efforts of the student development process; and
- Life experiences that help develop personal values by interacting with people from different backgrounds.

Intercultural Commons

Many activities are held in the Intercultural Commons, a comfortable lounge area inside the Office of Multicultural Student Affairs. The Intercultural Commons can be used for studying or just relaxing. Resources include a computer lab with PC and Macintosh formats, intercultural publications, newspapers, telephone, television/VCR, graduate postings and on- and off-campus job postings.

Additional information about the Office of Multicultural Affairs can be obtained in Wyllie Hall D182 or on the UW-Parkside website at www.uwp.edu Keyword: *OMSA*.

Study Abroad

The Center for International Studies, located in Tallent Hall 180, is the central location for study abroad opportunities. The center collaborates with the Financial Aid Office to assist students in financing their study abroad by offering travel grants to eligible students. In terms of study abroad offerings at UW-Parkside, there are short-term tours to Ghana, Russia, China and Japan. Plans are now proceeding to establish further linkages with institutions in Germany, Italy and Jordan. Students can also access programs offered by other UW System colleges and universities. In the past, students have studied in Australia, Brazil, Costa Rica, England, France, Germany, Ghana, Ireland, Italy, Mexico, Russia, Spain and Sweden.

UW-Parkside Police Department

The UW-Parkside Police Department provides law enforcement services to the university community. As a sworn law enforcement agency of the state of Wisconsin, its police officers have full police authority and receive training as all other law enforcement officers in the state. In addition to sworn police officers, the department employs non-sworn community-service officers who provide a variety of security, escort, and support services to the campus.

In addition to traditional law enforcement functions, the department offers a number of other services. Crime prevention education programs are offered throughout the year. Moreover, faculty, staff, and students work in partnership with the department to create and maintain a safe atmosphere for work and study. Officers provide assistance to motorists and assist authorized members of the university community with access to locked doors.

The UW-Parkside Police Department also administers the university's parking program, which includes the issuance of parking permits, parking enforcement, and shuttle bus service.

Emergency assistance is available 24 hours, each day of the year, by calling 2911 from any campus telephone. Non-emergency assistance and information may be obtained by calling 262-595-2455. The UW-Parkside Police Department is located in Tallent Hall 188.

Student Activities

The Student Activities Office assists students in finding a variety of ways to get involved on campus through student organizations, leadership workshops and opportunities, special programming committees, and event coordination and information. The office provides information on the more than 70 student organizations along with their meetings and events. Assistance is provided to students interested in developing new organizations, programs and activities. The Student Activities Office also coordinates numerous programs and events including a leadership series, Worldfest Week and other multicultural programs, Welcome Week, Fall Fest Family Weekend, Winterfest, the annual winter Arts & Crafts Fair, and much more.



Student Employment

Student Employment, located in the Career Center, assists students in locating jobs on and off campus. Through a quality college work experience, students can expand their academic preparation, generate income and explore career options. Up-to-date part-time and seasonal opportunities are posted on the web at www.uwp.edu Keyword: *Career Center*.

Student Health & Counseling Center (SHCC)

The Student Health & Counseling Center is located in the building east of Tallent Hall or can be reached by phone at 262-595-2366. The overall mission of the SHCC is to assist students in achieving academic success by providing quality primary care and counseling that supports preventive health practices and positive lifestyle choices.

Health and Wellness Information

Health services providers include a primary care physician and full-time master's/college health certified registered nurses. This service is confidential and free to all enrolled UW-Parkside students. The SHCC provides a broad range of primary care services that include triage of emergency and acute illnesses, women's health, allergy injection service, and dispensing of select vaccines/immunizations, antibiotics, contraceptives and over the counter medicines. Some of the procedures/treatments include sports physicals, gynecological exams, dressing changes, suture/staple removal, selected diagnostic screenings, and loan accessible crutches and wheelchairs. Students may be seen on a walk-in or appointment basis. Charges for selected medications and procedures may be paid by cash, check or Ranger Card Bear Bucks. The cost for medications and procedures can be found on the SHCC web page www.uwp.edu Keyword: *Student Health*.

Students with short or long-term disability needs can receive supportive services at the SHCC. In addition to the general services offered to all students, they may have the short term loan of crutches, wheelchairs, and accessible locker spaces. The SHCC collaborates with the coordinator of Disability Services where academic accommodations are needed. Disability Services is located in Wyllie Hall, D175, 262-595-2610.

Personal Counseling, Alcohol and Other Drug Counseling, and Preventive Health Education

Free personal counseling is provided to currently registered UW-Parkside students by licensed/certified master's-prepared professional counselors who also hold Alcohol and Other Drug certification. Their practice sustains the mission of supporting academic success by helping students to manage personal/psychological problems that might interfere with their ability to think clearly and concentrate on their studies. The counselors provide professional support and intervention with addictive behaviors, depression, anxiety, stress, relationship problems, self esteem and lack of assertiveness issues, procrastination, and poor adjustment to the college experience. A board-certified psychiatrist is available for those students who require medication intervention or more acute psychiatric assistance. Appointments to see a counselor can be made by phone or in person at the Student Health & Counseling Center.



Preventive Health Education is conducted by the Prevention Program Manager who works with student leaders – Peer Health Educators (PHE) to provide this valuable service. The PHEs are students selected by application and interview to function as trained health educators and role models to their diverse peers and campus community. They conduct informative presentations on various topics in both formal and informal settings. The topics include stress management, relationship issues, sexuality, alcohol and drug use and abuse, AIDS awareness, and more.

Student Health Insurance

All students are encouraged to have health insurance. Unexpected physical and mental health emergencies can occur, the cost of which could put severe strain on the students ability to complete their education. UW-Parkside, as a member of the UW System Insurance Consortium, has made a health plan accessible to students. Eligibility is based on being an undergraduate and special students taking 5 or more credits (3 or more hours during the summer) or a registered graduate student. The plan is underwritten by Mega Life and Health Insurance www.studentresources.net. You may view the plan and enroll on the Internet or wait until a hard copy is sent to your home address in early August. Copies of the plan will also be available at the Student Health & Counseling Center front desk.

All UW-Parkside international students are required to have health insurance that is comparable to that provided by the Student Resources plan. All International Students are automatically billed and enrolled in the Student Resources plan twice a year (September and February). Removal from the Student Resources plan is accomplished by presenting a copy of the policy and proof of current enrollment in a comparable plan to the International Programming Coordinator located in Tallent Hall 180 or call 262-595-3215. This must be done within the first three weeks of the beginning of each semester. Any questions concerning this program should be addressed to the International Program Coordinator 262-595-3215.

Volunteer Program

UW-Parkside students are given the opportunity to apply skills, interests, and academic learning to real-life experience through the Parkside Volunteer Program. Students can learn first hand about business management techniques, physical therapy, pathology, domestic violence, illiteracy, alcohol and other drug abuse rehabilitation programs, juvenile delinquency, hospice care, and many other important topics.

Hundreds of UW-Parkside students are serving in our communities, at agencies and organizations every semester. Because of the Parkside Volunteer Program, students have made career choices, gained employment, learned new skills, increased personal confidence, and experienced satisfaction in helping others.

Testing

Advanced Placement (AP) Tests

Applicants who have exhibited outstanding scholarship and participated in the College Entrance Examination Board's Advanced Placement Program may be considered for advanced placement credit. Such applicants must submit official Advanced Placement examination reports to the Advising Center. Score reports may be ordered by calling CEEB at 888-225-5427 or by e-mail at www.apexams@info.collegeboard.org.

National Tests

UW-Parkside serves as a test site for many national standardized exams often required for admission to undergraduate and graduate programs. Some of the national exams administered at UW-Parkside include the American College Test (ACT), Pre-Professional Skills Test (PPST), National Teachers Examination (NTE), and the Scholastic Aptitude Test (SAT). UW-Parkside does not offer all tests for every national examination date. Check with the Advising Center at 262-595-2219 to confirm dates and times.

Placement Tests

All new students are required to take placement tests in English and mathematics. Students who plan to enroll in chemistry or advanced foreign language courses are required to take placement tests in these areas as well. Test results are used to determine which courses students must complete to meet collegiate skills requirements or to identify the appropriate level of chemistry or foreign language in which to enroll. A list of placement test dates and times is available from the Advising Center in Wyllie Hall 107; students may also obtain this information at 262-595-2605.

Students who have taken placement examinations at another UW institution may request that the institution forward a copy of the test scores to UW-Parkside. Test scores may be mailed to: UW-Parkside, Advising Center, PO Box 2000, 900 Wood Road, Kenosha, WI 53141-2000, or faxed to 262-595-2066.

Tutoring Services

The Tutoring Center provides students with peer tutoring in most academic content areas at no cost. Located in Wyllie Hall D180, the Tutoring Center also provides good students with on-campus employment opportunities. Writing and math tutors are available to help students on a walk-in basis. Tutors are prepared



to meet students at all academic levels ranging from freshman-level courses to advanced major classes. Other subject area tutoring is arranged by appointment. A computer lab is available to meet students' needs. For information call 262-595-2044.

Union

The Parkside Union provides services, educational opportunities, and facilities for students, the university, and our community. The 70,000 square foot facility is connected to the main academic complex by an enclosed overhead walkway, minutes from any classroom on campus. Within the Union, students will find two dining service locations; the 400-seat Union Cinema theater complete with stage; The Den, an indoor recreation center with bowling lanes, pool tables, video games, etc.; spacious areas for dances, concerts, and banquets; meeting rooms of various sizes; the campus Information Center; and Ranger Card Office.

Ranger Card Office

The Ranger Card Office is located on the D1 level of the Union. Any questions students have regarding the Ranger Card, Bear Bucks account or meal plan account can be answered here. The office also houses campus reservations and has a notary public on staff.

Ranger Card

The Ranger Card is more than the official university identification card, it's an essential part of campus life. The Ranger Card can be used to make a variety of purchases on campus. Students deposit funds into their Bear Bucks account and then use the Ranger Card as a debit card against the account. The Ranger Card is used for access control to Ranger Hall, the Sports & Activity Center and many computer labs. It's also used for checking out library materials, purchasing tickets, event admissions, printing, photocopying and meal plans. There are two accounts associated with the Ranger Card. Every Ranger Card comes with the Bear Bucks account. A

second account, the meal plan account, is assigned only to students who purchase a meal plan.

Meal Plan

A Ranger Card is required for access to meal plan accounts. Meal plan account purchases are welcome in all food service locations and are available to all students, faculty and staff. Students who live on campus must participate in the meal plan each semester. There are a number of meal plans available to accommodate various lifestyles. Meal plan dollars carry over from the fall to the spring semester. However unused meal plan dollars will be forfeited at the end of the academic year. Contact the Residence Life Office or the Ranger Card office to obtain a meal plan contract.

Information Center

In addition to providing a wide variety of information regarding UW-Parkside activities, the Information Center has discs for the disc golf course; cashes checks; issues new and replacement Ranger Cards; accepts deposits to the Bear Bucks and meal plan accounts; sells tickets for many campus events; and provides Mini-Course registration. For more information call 262-595-2345 or stop by in person on the D1 level of the Union.



PROGRAMS &
POLICIES

PROGRAMS & POLICIES

www.uwp.edu

PROGRAMS AND POLICIES

University Governance 262-595-2384

Undergraduate Degrees and Degree Requirements

UW-Parkside offers the undergraduate degrees of bachelor of arts (BA) and bachelor of science (BS). The major completed determines which bachelor's degree a student receives. Special rules may apply to students completing the consortial engineering and nursing programs and those who are seeking a second bachelor's degree. See sections on engineering, nursing and second bachelor's degree, respectively, for further information.

Degree Requirements

To receive a bachelor's degree from UW-Parkside students must:

1. Complete 120 credits of college work. This must include 36 credits in courses numbered 300 or above. Certain elementary courses are identified in the catalog and/or course schedule as not counting toward the 120 credits required for graduation. In addition, only the first 8 credits of physical education activity courses (100 level) may be counted toward graduation or grade point averages (GPA).
2. Of the 120 credits required for graduation, students must complete at least 30 credits of work at UW-Parkside. At least 15 of the last 30 credits earned for a degree must be taken at UW-Parkside. Students who apply 60 or more transfer credits to a degree must earn all of their last 30 credits at UW-Parkside.
3. Attain a minimum cumulative grade point average (GPA) of 2.00 on a 4.00 scale. Some programs have higher GPA requirements. Transfer students must also have a cumulative 2.00 GPA on the combination of transfer credits accepted and credits attempted at UW-Parkside.
4. Complete an approved major program of study with the minimum major GPA as specified by the program or department. Usually, the minimum GPA is 2.00 on a 4.00 scale, but some majors require a higher GPA. Students who apply transfer credits to their majors must also meet the minimum major GPA requirement on the combination of transfer credits and UW-Parkside credits. At least 15 credits of upper level course work (courses numbered 300 or higher) must be completed at UW-Parkside. A student may not graduate with an incomplete grade in major course work if failure in that course would reduce the GPA in the major below the minimum GPA.
5. Meet UW-Parkside general university requirements.
6. File a request for a degree summary/application to graduate and pay the required application fee. The degree summary process is the way in which students obtain institutional and departmental approval of their petition to graduate.

Degree Summary/Application to Graduate

In order to graduate, students must submit a request for a degree summary/application to graduate at the Student Records counter. A one-time, non-refundable fee, which is applied toward costs associated with graduation, is payable with the submission of the request. The degree summary, or DARS report, will reflect all outstanding degree requirements, including courses still needed to complete general education and the major. The adviser may need to make some changes to reflect current program policy or the likely availability of required courses in the major.

Students are advised to submit this request well in advance of their expected semester of graduation so they have time to adjust their degree plans, if necessary. Full-time students should request their degree summary after completing 80 credits; part-time students should request the summary when they are within about 20 credits of graduation.

The necessary form can be obtained at the Student Records counter or in the Advising Center. For more information about the DARS report, see the section entitled Degree Auditing Report System.

General University Requirements

Students seeking teacher licensure and those enrolled in consortial nursing and engineering programs are subject to a different set of requirements. These students should consult their advisers for details.

Students are subject to the requirements in effect on the date they first entered UW-Parkside as degree-seeking students, or they may choose to follow any later requirements. Students who transfer to UW-Parkside from a 2-year or 4-year UW System institution may choose to follow the general university requirements in effect the year they entered the previous institution. See the Advising Center for details.

General education, a part of every student's academic program, is intended to provide opportunities for students to develop their analytical and problem-solving skills, to develop understandings of cultures and ethnicities, to develop the skills and awareness necessary for citizens of an advanced technological society, and to develop habits of mind that promote life-long learning, responsible actions and independent thinking. Complementary to these skills are opportunities for students to become literate in civic, cultural, aesthetic, international, and scientific and technical subject areas.

I. Skills Requirements

Reading and Writing Skills

This requirement assists students in developing effective communication through the mastery of reading and writing skills. Students satisfy this requirement with the completion of English 101 for 3 credits (with a grade of C-minus or better) or are exempt from the requirement if their placement examination results are above English 101. Students must complete reading and writing skills within their first 60 academic credits. Students seeking teacher licensure must complete English 101 with a grade of C or better.

Computational Skills

This requirement assists students in developing effective basic computational skills necessary to an informed citizenry and provides support for other disciplines. Students satisfy the computational skills requirement with the completion of an introductory course in algebra or a survey course of mathematics (either Mathematics 102 for 3 credits or Mathematics 111 for 4 credits) with a grade of C-minus or better. Students are exempt from the requirement if their placement examination results are above Mathematics 102 or Mathematics 111. Students must complete computational skills within their first 60 academic credits. Students seeking teacher licensure must complete the course that satisfies this requirement with a grade of C or better.

Information Literacy

The information literacy requirement introduces students to the general organization of information sources in the Library and provides a basic understanding of how to perform an information search using both paper and electronic research formats.

II. General Education Requirements

The general education curriculum provides students with exposure to different disciplines and subject matter; it also provides a broad base for placing into context the concentrated and in-depth study for developing expertise in a major discipline. The curriculum consists of a minimum of 36 credits outside of the skills requirements, distributed across three distribution areas:



Communication, Reasoned Judgment, and Social and Personal Responsibility. A single course may be counted under one area only. Students are required to take 12 credit hours from each distribution area from at least three different departments/programs in each distribution area.

Students may also meet these requirements through equivalent courses at other institutions or by otherwise demonstrating comprehension equivalent to completion of such courses.

Students who plan to seek teacher licensure should consult with the Teacher Education Department as early as possible to learn of any special general education requirements.

III. Foreign Language Requirement

The purpose of the foreign language requirement is to familiarize students with communication in another culture and with its influence on other societies. This is satisfied by completing two semesters, or the equivalent of two semesters, of one foreign language and is to be completed by all degree-seeking students within the first 60 academic credits. The requirement is waived for students who: a) completed two years of one foreign language at a secondary school with an average grade of C or better (an average grade of C-minus is not acceptable) during the second year or b) completed three years in one foreign language at a secondary school. One high school unit and one college semester in the same language are also acceptable, provided that the college course is at least on the second-semester level. Students planning to complete this requirement with course work at another college or university are advised to obtain prior permission from the director of advising to ensure the acceptability of their plans.

Placement Tests for Foreign Language Courses

UW-Parkside uses the UW System Foreign Language Placement Tests in French, German, and Spanish to place students into the appropriate course level of their selected foreign language. Tests are administered throughout the year; specific testing dates and information are available at the Advising Center.

Students who place into language courses numbered 104 (beginning level 2) or 204 (intermediate level 4) are advised to audit 103 or 203, respectively, in the fall and then take 104 or 204 in the spring. Students cannot begin language study (103 or 203) during the spring semester.

Retroactive Credits in Foreign Language

The Modern Language Placement Test is required for any UW-Parkside student who wishes to receive college credit for language competency reached in high school. Students may earn up to 16 retroactive credits, four for each of the first four semesters of language study, if: a) they completed the previous course work in a United States high school, b) they enroll in the college course into which they place, and c) they complete the course with a grade of B-minus or better. In order to be granted retroactive credit, the student must submit an application to the chair of the Modern Languages Department at the end of the appropriate college semester.

Retroactive Credit in Foreign Language for Transfer Students

UW-Parkside will accept retroactive credit for foreign language if it was granted by another UW System institution and is documented on the student's UW System transcript.

Students or advisers with questions about an individual situation should contact the chair of the Modern Languages Department.

Advanced students in a foreign language should consult with an adviser in the Modern Languages Department.

IV. Ethnic Diversity Requirement

The purpose of the ethnic diversity requirement is to familiarize students with and sensitize them to differences among diverse ethnic groups. In accordance with the UW System Design for Diversity initiative, students graduating from UW-Parkside are required, as part of their 120 credits, to complete a minimum of one 3-credit course dealing with issues of race and ethnicity within the United States. Courses which meet the ethnic diversity requirement may also count toward fulfillment of general education, major, or minor requirements. Courses which meet the ethnic diversity requirement are so designated in the course schedule each semester.

Transfer Students and General University Requirements

1. Transfer students should consult the Advising Center for detailed information on general education requirements.
2. Transfer courses which are the substantial equivalent of approved UW-Parkside general university (general education, skills, foreign language, and ethnic diversity) courses will be counted toward general education requirements.
3. Transfer students entering with freshman or sophomore standing (0-53 credits) will be required to meet UW-Parkside general education, skills, foreign language, and ethnic diversity requirements.
4. Transfer students entering with junior standing (54 credits or more) will be required to meet the distribution requirement by categories, NOT the specific distribution by sub-categories, e.g. "one course in literature and one course in the arts." The distribution by categories is as follows:
 - Humanities and the Arts (12 credits)
 - Social and Behavioral Science (12 credits)
 - Natural Science (12 credits)
 These students must also complete UW-Parkside's skills, foreign language, and ethnic diversity requirements.
5. Students transferring to UW-Parkside from a UW System institution (the 4-year universities and 2-year colleges) may follow the UW-Parkside general university requirements, which were in effect at the time they entered the previous institution. See the Advising Center for details.

6. Transfer students with a previously earned bachelor's degree and/or 90 or more acceptable credits of multi-disciplinary course work from an accredited liberal arts, baccalaureate degree-granting college or university will be considered to have completed the UW-Parkside general education and skills requirements. They must meet the foreign language and ethnic diversity requirements. The same policy shall apply to students who hold associate degrees from the UW Colleges and to students holding associate of arts or associate of science degrees from accredited college parallel liberal arts programs. In order to receive this exemption, students must have 45 or more transferable credits.
7. Transfer students who complete 90 transferable credits (as outlined above), a bachelor's degree, or an associate of arts or science degree (with at least 45 transferable credits) at another institution after enrollment at UW-Parkside are exempt from UW-Parkside general education and skills requirements only if the 90 transferable credits or the degree is awarded within one year of initial enrollment at UW-Parkside. The foreign language and ethnic diversity requirements are still required.
8. All transfer students must meet the ethnic diversity requirement and the foreign language requirement.
9. Grades earned in transfer are not included in the GPA on the UW-Parkside transcript.
10. Transfer courses are included in GPA calculation for purposes of computing minimum university, major, and minor GPA requirements for graduation, and for calculating honors at graduation.



Certification of Transfer Students in Skills Requirements

The university recognizes that transfer students may have met the reading, writing, computational, and/or information literacy skills requirements at a previous college or university. Therefore, the faculty has created guidelines for evaluating the applicability of previous course work for certification in these areas; this evaluation is completed when the student is first accepted to UW-Parkside.

Transfer students will be certified in the reading and writing competencies if they have successfully completed a course equivalent to English 101 at another college or university with a grade of C-minus or better. Students who have not completed such a course should take the English placement test to determine which course to take. Placement beyond English 101 fulfills the reading and writing competency for graduation.

Transfer students will be certified in computational skills if they have completed a course equivalent to Mathematics 102 or Mathematics 111 with a grade of C-minus or better, or passed any higher level mathematics course at a previous college or university. Students who have not completed such course work should take the mathematics placement test. Placement into Mathematics 112 or beyond on the UW-Parkside placement test fulfills the computational skills requirement for general education; however, some majors may require additional mathematics courses.

Transfer students should consult the library staff about fulfilling the information literacy requirement.

Transfer students with 90 or more acceptable credits of multi-disciplinary course work from an accredited liberal arts, baccalaureate degree-granting college or university will be considered to have completed UW-Parkside skills requirements. The same policy shall apply to transfer students holding acceptable associate degrees, provided they have completed 45 or more transferable credits.

Academic Programs

UW-Parkside offers approximately 30 undergraduate academic majors as well as a number of pre-professional programs; education licensure; and specialized programs such as arts management, environmental studies, ethnic studies and women's studies. Consortial programs are offered in nursing. The university's academic programs are organized under two schools: the School of Business and Technology and the College of Arts and Sciences. UW-Parkside is accredited by the Higher Learning Commission and is a member of the North Central Association.

Majors and Degrees

In order to graduate, every degree-seeking (matriculant) student must complete a major with a minimum GPA as specified by the major department or program. Usually, this minimum major GPA is 2.00 on a 4.00 scale, but some majors require a higher GPA. Students with transfer work must also attain the minimum major GPA on a combination of transfer credits accepted toward the major and credits attempted toward the major at UW-Parkside. At least 15 credits of upper level (300 or above) major course work must be completed at UW-Parkside. UW-Parkside offers the following majors:

- Biological Sciences (BS)
- Business Management (BS)
- Chemistry (BS)
- Communication (BA)
- Computer Science (BS)
- Criminal Justice (BA)
- Digital Art (BA)
- Economics (BA)
- Mathematics (BS)
- Management Information Systems (BS)
- Molecular Biology and Bioinformatics (BS)
- Music (BA)
- Nursing*
- Philosophy (BA)

- Engineering*
- English (BA)
- French Studies (BA)
- Geography (BA)
- Geosciences (BS)
- German Studies (BA)
- History (BA)
- Humanities (BA)
- Interdisciplinary Studies (BA)
- International Studies (BA)
- Physics (BS)
- Political Science (BA)
- Psychology (BS)
- Sociology/Anthropology (BA)
- Spanish (BA)
- Sport and Fitness Management (BS)
- Studio Art (BA)
- Theatre Arts (BA)

* Consortial program degree awarded by the participating campus

Declaring a Major

Students begin with a major status of undeclared and remain so until they submit a program declaration form to the Advising Center or academic department and are accepted into the major. Thereafter, students may add, drop, or change majors, or return to undeclared status, by filing another declaration form. Departments may deny a student's declaration of major if the student fails to meet the standards and requirements necessary for admission to the major.

Undeclared students are assigned an academic adviser from the Advising Center. Students who are accepted into their major after filing their program declaration are assigned advisers in their major departments.

Students are encouraged to identify a major as early as possible in their academic careers. Formal declaration must be made upon completion of 60 credits.

Students who plan to enter programs with very strict requirements (e.g. art, music, biological science, business) are advised to consult with the appropriate department as early as possible.

Students are subject to the major requirements in effect at the time of the declaration and acceptance in a particular major but may meet requirements established later by notifying either the director of advising or their major adviser, who will initiate an executive action to make sure the student's choice becomes part of the permanent record and is reflected on the degree summary.

Non-degree seeking students (non-matriculant) cannot declare a major or minor.



Minor Programs

UW-Parkside offers approximately 30 undergraduate minors, which consist of a formally approved program of 15 or more credits. Advisers are not assigned for minors. Students may obtain informal academic advice from faculty members from the appropriate department or program. A minor is not required for graduation.

Minors are declared by filing the same form used for declaring intended majors. Course work in the minor must be completed with the minimum GPA as specified by the department or program under which the minor falls, usually a 2.00 on a 4.00 scale, but higher in some programs. Transfer students must attain the minimum specified GPA on a combination of transfer credits accepted toward the minor and credits attempted at UW-Parkside. At least half of the course work for the minor must be completed at UW-Parkside. UW Parkside offers the following minors:

- Art
- Arts Management
- Biological Sciences
- Business
- Chemistry
- Communication
- Computer Science
- Criminal Justice
- Economics
- English
- Environmental Studies
- Ethnic Studies
- French Studies
- Geography
- Geosciences
- German
- History
- International Studies
- Mathematics
- Music
- Philosophy
- Physics
- Political Science
- Psychology
- Public Policy
- Sociology/Anthropology
- Spanish
- Theatre Arts
- Women's Studies

Concentrations

A number of majors provide students with the option to pursue an area of emphasis within the major called a concentration. With the exception of business majors, concentrations are optional. The following concentrations are offered by majors at UW-Parkside:

Art

- Animation
- Ceramics
- Crafts
- Drawing
- Graphic Design
- Illustration
- Interdisciplinary Art
- Painting
- Printmaking
- Sculpture

Business

- Accounting
- Finance
- General Business
- Human Resource Management
- Marketing

Chemistry

- Biochemistry

Computer Science

- Computer Engineering

Economics

- Quantitative

English

- Language Arts
- Writing

Geography

- Applied Environmental Geography
- Geographic Planning

Geosciences

- Earth Science
- Environmental Sciences
- Geology
- Soil and Water Sciences

Interdisciplinary Studies

- Independently Designed
- Organizational Studies
- Women's Studies

Music

- Arts Management
- Jazz Studies
- Music Performance
- Musical Theatre

Political Science and Law

- Law

Sociology

- Anthropology

Theatre Arts

- Acting
- Arts Management
- Design and Technology
- Direction and Management
- Musical Theatre

Certificate Programs

Certificate programs are designed to develop a particular expertise or set of skills and normally consist of 9 or more credits. Both degree-seeking (matriculant) and non-degree seeking students may pursue certificate programs. Certificate programs should not be confused with certification or licensure programs which lead to certification by an outside agency.

Art

- Art History
- World Wide Web Publishing

Arts Management

Communication

- Conflict Analysis and Resolution

Computer Science

- Unix System Administration
- World Wide Web Publishing

Engineering

- Digital Control Systems

English

- Professional Writing
- Film Studies

Geography

- Geographic Information Systems (GIS)

Health, Physical Education and Athletics

- Coaching
- Fitness
- Sport Management

Institute for Community-Based Learning

- Community-Based Learning

Interdisciplinary Studies

- Leadership

International Studies

- Global Skills

Modern Languages

- Spanish for Professionals

Music

- Piano Pedagogy and Literature

Psychology

- Mental Health

Sociology/Anthropology

- Gerontology
- Museum Studies

The UW-Parkside Honors Program

The UW-Parkside Honors Program is one way that the university encourages and celebrates excellence. This university-wide program gives students who complete it independent recognition at graduation and on their transcripts. To enroll in honors seminars or sections, or to begin honors projects or theses, students must be admitted to the program. Admission is granted by the program steering committee; applications are accepted every semester. Consult the Honors Program section of this catalog for more details.

Pre-Professional Interests

Pre-professional interests pertain to preparation for professional study and to undergraduate interests not corresponding to UW-Parkside programs. A student may indicate one interest by submitting a Program Declaration form to the Advising Center and may drop an interest or exchange interests by submitting another form. Special pre-professional advisers are assigned to pre-professional interest students. For those professions requiring an undergraduate degree prior to entry to professional school, students must also declare an academic major and any minor they plan to complete. As a result, students may be assigned to both an academic adviser and a pre-professional adviser.

Pre-Professional Programs

UW-Parkside offers special advising for students with pre-professional interests in the following areas:

- Architecture
- Chiropractic Medicine*
- Dentistry*
- Law
- Medicine (M.D. and D.O.)*
- Occupational Therapy*
- Engineering**
- Optometry*
- Pharmacy*
- Physical Therapy*
- Physician Assistant*
- Podiatry*
- Veterinary Medicine*

* Because of the intensely competitive nature of the pre-health fields, students with 30 or more credits must maintain a cumulative GPA of at least 2.50 to be eligible for special advising in these interest areas. Students with GPAs below 2.50 will be counseled to re-evaluate their career plans and will be referred to the academic department of their chosen degree and/or the Career Center for advice.

** Consortial program with UW-Milwaukee and other institutions.

Teacher Education

Students who intend to pursue teacher licensure must complete the Petition for Admission form. They should contact the teacher education liaison in their major department and the teacher education adviser at 262-595-2100.

Teacher Licensure Programs

- Early Childhood: Birth to Age 8
- Middle Childhood to Early Adolescence: Ages 6-12 or 13
- Early Adolescence to Adolescence: Ages 10-21
- Early Childhood to Adolescence: Birth to Age 21
- Learning Disabilities (consortial program with Carthage College)

For additional information, consult the teacher education section.

Master's Degree Programs

The university offers the following graduate degree programs.

- Master of Business Administration (MBA)
- Master's Degree in Administrative Leadership and Supervision and/or Principalship Certification (consortial program with UW-Milwaukee)
- Master of Science in Applied Molecular Biology (MAMB)
- Master of Science in Computer and Information Systems (MSCIS)

Additional graduate course work is offered in other fields of study. For further information on graduate programs, consult the graduate section of this catalog.

DEGREE COMPLETION PROGRAMS

Evening Programs

In scheduling its programs, UW-Parkside recognizes the challenges faced by students who must work during the day. UW-Parkside offers both undergraduate and graduate degree programs which can be completed by taking only evening classes. These are not separate programs for evening students; they are part of UW-Parkside's regular curriculum and taught by the same faculty and staff.

The following majors can be completed in the evening:

- Business
- Criminal Justice
- Communication
- Computer Science
- English
- Humanities
- Psychology
- Sociology/Anthropology (Sociology option only)

A master's degree in business administration and a master's degree in computer and information systems can be completed in the evening as well.

In addition to providing required major courses in the evening, UW-Parkside offers courses that will satisfy the university's general education requirements.

Like other students, evening students need to plan carefully. The range of courses available during the evening hours is not as extensive as those offered during the day. UW-Parkside tries to help students formulate a degree plan by publishing a list of course offerings that have been planned for future semesters. Since changes in requirements and staff may sometimes force changes in previously published lists of proposed course offerings, students should be sure to check for changes as the lists are updated, usually when the semester course schedule appears.

Evening/Weekend College

Because UW-Parkside recognizes the growing demand for educational opportunities to be offered at times convenient for working adults, the weekend schedule has been carefully fashioned to meet their needs. The organizational studies concentration of the interdisciplinary studies major is a degree-completion program that enables students with at least 60 transfer credits to receive their bachelor of arts degree by attending classes on weekends. Course offerings focus on issues in organizations and structures in human resource development, a topic of significant importance in business today. Classes meet in four-hour formats on Friday evenings and Saturdays for 10 weeks.

Directed Studies/Independent Study

Directed or independent study is available for credit in many majors and minors. It consists of focused study by an individual student or small team of students under the supervision of a fac-

ulty member. The value of directed or independent study is in focusing on a well-defined topic and working closely with a member of the faculty or teaching academic staff. Directed or independent study is generally not intended for students who are near the beginning of their academic program. An agreement must be signed between the student and the faculty supervisor at the start of the directed or independent study. All directed or independent studies must conclude with a completed paper, project, report, or other product. Consult each program section of this catalog for details.

Internships

Internships provide opportunities for students to develop and expand their knowledge and/or skills, gain experience in a work setting, put theory into practice, and expand awareness of potential careers. Internships often take place outside the university in a public or private-sector organization. Internships are offered for credit by most academic departments at the 400 level. Interns may be paid by the employer or may work as volunteers. An agreement must be signed between the student, the faculty supervisor, and the outside internship supervisor at the start of the internship. All internships must conclude with a completed paper, project, report, or other product. Consult each program section of this catalog for details.

UNDERGRADUATE POLICIES

Courses That Do Not Count Toward Graduation

Several UW-Parkside courses (e.g. those which provide developmental work in English and mathematics) do not count toward graduation. The credits and grades earned in these courses are counted when computing the student's GPA and in determining how many credits the student is carrying during the semester (as for tuition charges, insurance purposes, and when checking on eligibility for financial aid and participation in athletics). These courses are designated in the course schedule with a # sign.

Failures or Incompletes in the Major

Students who fail required courses in their majors must retake those courses. If they wish to do so through credit obtained elsewhere, written approval from the chair of their major department must be obtained, preferably before enrollment off campus. Students may not graduate with an incomplete in a course in their major if the course is required or if failure in that course would bring their major GPA below the minimum requirement.

Double Major

Students who complete two or more majors that normally lead to different degrees (bachelor of arts and bachelor of science) earn only one degree. Students must choose which degree they will earn at the time they file their degree summary request.

Completion After Graduation

Students may, after graduation from UW-Parkside, complete a minor, concentration, certificate, or additional major. A statement will be added to the student's transcript, noting the completion of such major, minor, concentration or certificate with the date of completion.

Second Bachelor's Degree

A person who holds a bachelor's degree from another institution and who wishes to obtain a bachelor's degree from UW-Parkside is subject to all of the regulations governing transfer students. A person who has received a bachelor's degree from UW-Parkside will not be granted a second degree of the same kind (i.e. bachelor of arts or bachelor of science). See "Completion After Graduation" above. A person who holds one of these degrees from UW-Parkside may receive the other bachelor's degree provided that the major sought naturally leads to the other bachelor's degree and provided that the student does the following:

1. After receipt of the first degree, enrolls in UW-Parkside as a degree-seeking (matriculant) student, declares a major leading to the desired degree, and files a degree summary request indicating intent to receive the second bachelor's degree.
2. Completes an additional 30 credits of work at UW-Parkside after receipt of the first degree and satisfies all graduation requirements in effect at the time of first enrollment as a degree-seeking (matriculant) student following receipt of the first degree.
3. Completes a major leading to the degree sought, with at least 15 credits in courses numbered 300 or above completed at UW-Parkside, following receipt of the first degree. Students who return after graduation to complete only the requirements for an additional major do not earn a second bachelor's degree. See "Completion After Graduation" above.

Credit / No-Credit Courses

A few UW-Parkside courses may be designated as credit/no-credit courses. These are courses in which the faculty has determined that assigning a regular letter grade to student performance would be inappropriate, so that the only grades assigned are credit (CR) for satisfactory performance or no credit (N/C) for unsatisfactory performance. Such credits are not included in calculating a student's overall GPA but are part of the student's regular class load. All students enrolled in these courses receive grades of either credit or no credit.

Auditing a Course

Students have the option of auditing a course, though this means that they will not receive credit for it toward graduation, major requirements, financial aid eligibility, or class load. For more information, see section entitled "Audit."

Transfer Credit for Continuing Students

With special permission, students may complete courses at other campuses and transfer them back to UW-Parkside to satisfy general university, major, or minor requirements. Permission is obtained via the Advance Approval of Proposed Transfer Credits form, which is obtained in the Advising Center and must be signed by the director of advising (for general university requirements), the academic adviser (for major requirements), or departmental faculty (for minor requirements). Once the student has obtained the proper signatures, the form must be submitted to Student Records/Registrar's Office.

Substitutions and Waivers of Requirements

Any time a student fulfills a graduation requirement in any way other than that explicitly stated in the catalog, written approval must be submitted to Student Records. Substitutions for and waivers of major, minor, and other requirements must be approved with an executive action form, which is signed by the director of the Advising Center (for general university requirements), by the chair of the Academic Actions Committee (for university policy), or by the appropriate faculty member, chair, and dean (for major and minor requirements). Executive action forms are available in the Advising Center and in each academic department and must be submitted to Student Records/Registrar's Office in order for the action to be official. Executive actions must be submitted by the faculty member; forms submitted by students will not be accepted.

Summary of Credit Rules

120 Credit Rule:

- A minimum of 120 credits is required for graduation.

90 Credit Rules:

- UW-Parkside will accept a maximum of 90 credits from any 4-year accredited institution.
- Degree-seeking transfer students with 90 or more acceptable credits from an accredited liberal arts, baccalaureate degree-granting college or university are considered to have completed the UW-Parkside general education and skills requirements. The ethnic diversity requirement and the foreign language requirement must still be completed.

72 Credit Rule:

- UW-Parkside will accept a maximum of 72 credits from any UW college or other 2-year institution with an accredited college-parallel liberal arts program.

60 Credit Rule:

- Transfer students who have earned 60 or more transfer credits must complete their final 30 credits at UW-Parkside. This is referred to as the Residency Requirement.

45 Credit Rule:

- Degree-seeking transfer students holding an associate of arts or science degree from an accredited college-parallel liberal arts program, with a minimum of 45 transferable credits, are exempt from UW-Parkside general education and skills requirements.

The ethnic diversity requirement and the foreign language requirement must still be completed.

36 Credit Rule:

- Degree-seeking students must earn a minimum of 36 credits in courses numbered 300 or above.

30 Credit Rule:

- Degree-seeking students must earn a minimum of 30 credits at UW-Parkside toward their degree (Residency Requirement).

15 Credit Rules:

- Students must complete at UW-Parkside a minimum of 15 credits in their major in courses numbered 300 or above.
- For all students, at least 15 of their last 30 credits earned toward a degree must be taken at UW-Parkside. Transfer students bringing 60 or more credits from another institution(s) must earn all of their last 30 credits at UW-Parkside.
- Only the first 15 credits earned at UW-Parkside by non-degree seeking students may later be applied toward undergraduate degree requirements.
- A maximum of 15 general education credits may be accepted from Wisconsin Technical College System institutions. Courses must have been completed in fall 1987 or later. Also, two specified courses in math and science may be accepted.

8 Credit Rule:

- No more than the first 8 credits of 1-credit physical activity courses (100 level) offered by the Health, Physical Education and Athletics Department or earned in transfer can be counted toward the GPA and/or toward graduation.

REGISTRATION POLICIES

Academic Advising

Prior to registration for the spring and fall terms, all degree-seeking students are required to meet with their academic advisers to plan their course schedule for the following semester. UW-Parkside's web registration systems will not allow unadvised students to register for course work for the fall and spring semesters.

Class Load

Undergraduate students enrolled for 12 or more credits during the fall or spring semester are considered full time. A full-time load in the summer is 6 or more credits. A full-time graduate student enrolls for 9 credits during fall or spring semester and 5 credits in summer. Whether a student is full time or part time can affect eligibility for some forms of financial aid, athletic eligibility, and insurance coverage.

Degree-seeking students may not enroll for more than 20 credits in the fall or spring semester without prior approval from the director of advising. In the summer, students must obtain permission to enroll in more than 12 credits. Generally, permission to register for heavy credit loads will not be granted unless a student has earned a GPA of at least 3.00 during the previous semester on a load of at least 14 completed credits. This policy is aimed at ensuring that students do not take on more work in a given semester than they have shown they can successfully complete. Non-degree-seeking students may not enroll for more than 6 credits without approval. Students may apply for overload permits in the Advising Center.

Audit

Students may choose to audit any course at the university with the consent of the instructor, except those courses specified in the catalog or semester course schedule as not available for auditing. Audit students are expected to attend the course regularly and to meet the requirements for auditors established by the instructor, but they receive no credit in the course, are not given regular grades, and do not have such courses counted as part of their class load for determining whether they are full-time or part-time students or whether they are eligible for financial aid, athletic eligibility, or insurance purposes. In limited enrollment courses, students taking the course for credit are naturally given registration preference. All auditors are subject to regular student parking fees and to other Regent and UW-Parkside regulations.

The student must satisfactorily complete the course in order to have the notation AUD recorded on the transcript. An Incomplete may not be assigned to an audit course. Audited classes not completed satisfactorily will be removed from the student's transcript. After the first week of classes, written permission of the instructor is required to convert a course from credit to audit or audit to credit. A student may not convert a course from credit to audit after the fourth week of class or, in the case of a module, after one-third of the course has passed.

Students who later seek credit by examination for a course that they have audited must be enrolled in the university at the time the examination is taken and are subject to examination fee charges.

NOTE: The audit policy specifies that courses are open to auditors, unless otherwise specified, subject to the consent of the instructor. Thus, auditors may be excluded from a class, using the following procedures:

1. If a department faculty determines that a particular course or section is not available for any audit registration, the exclusion of auditors should be indicated as a "note" in the course schedule. Audit registrations will not be accepted in such courses or sections.
2. During the registration period, including the first week of classes, audit registrations will be accepted for courses other than those closed to auditors. If an instructor does not grant permission to one or more registered auditors to continue in a particular course (because of lack of space or other valid reason), the instructor should so notify each student, in writing, with a copy of each to the registrar.

When the registrar receives a copy of the notice, the student will be dropped from the class list and the appropriate refund will be given.

Registration Changes

Adding a Course

During the first week of the semester, a student may add any course for which he/she has met the prerequisites. During the second week, appropriate courses may be added with the written consent of the instructor. Beginning with the third week, a course may not be added. The Registrar's Office will determine comparable deadlines for courses less than a semester in length.

Dropping a Course

A student may drop any course during the first half of the semester. The Registrar's Office will determine comparable deadlines for courses less than a semester in length. After the deadline, a student may request permission to drop a course only for extraordinary, non-academic reasons. Before requesting permission to drop, the student should discuss his/her circumstances with the instructor. Any such request must be submitted to the Advising Center no later than the last day of instruction. The request must include a written explanation of the circumstances leading to the request. Requests will be reviewed periodically by the Academic Actions Committee. Granting of requests by the Academic Actions Committee is not automatic. A student should not assume that his/her request would be granted.

An instructor may request that the registrar drop a student from a course if the student does not meet the stated prerequisites or if the student has not attended the course during the first week of classes and has not notified the instructor. The instructor must submit the request by the date specified on the administrative drop form. However, it is still the student's responsibility to make sure that he/she has been officially dropped from any class.

A student who never attends (or stops attending) a course in which he/she has enrolled and who does not drop the course through the appropriate office will receive a failing grade.

A student who drops a course after the fourth week of a semester will receive a transcript notation of "W." (In the case of module or summer session courses, the W notation will be applied if the drop occurs after one-third of the course period has passed.)

Retaken Courses

A student may retake any course. Only the most recent grade received at UW-Parkside will be used in calculating the UW-Parkside GPA. A course may be counted only once toward the 120-credit graduation requirement. A student may request that a course taken subsequently at another university be counted as a retake for a course taken previously at UW-Parkside. Such a request must be submitted to the appropriate department chair, who may then certify that such a course is equivalent to the course taken at UW-Parkside. If a course taken at another institution is accepted as a retake for a course taken at UW-Parkside, the grade and credits assigned to the course when taken at UW-Parkside will not be included in the computation of the student's UW-Parkside GPA nor total number of attempted and earned credits. The grade received from the other institution will be included in any computation of GPA on transfer credits.

Repeated Courses

Repeated courses are those that may be taken more than once for credit, such as special topics, independent studies, internships, and other selected courses. Courses that may be repeated for credit are designated as such in the course description in this catalog.

Cross-Listed Courses

Cross-listed courses are those which are offered under two or more departments and which have the same title and course description. Cross-listed courses may count toward general university requirements and/or may satisfy the requirements of two or more majors. Each cross-listed course will satisfy the same requirement as its counterpart; therefore, a student who is unable to enroll in a cross-listed course under a specific department heading may enroll in its cross listing and fulfill the same academic requirement. This rule applies to cross listings which were in effect at the time the course was taken and applies regardless of which discipline is listed on the student's transcript.

Course Prerequisites

A prerequisite is a requirement that a student must have completed prior to enrollment in a specific course and is intended to ensure that a student has the knowledge and experience required for successful course completion. The most common prerequisite is completion of a prior course. Other prerequisites include concurrent registration (i.e. enrollment in a specific course simultaneous with another), placement examinations, and the instructor's consent. Students may enroll in any course for which they have completed the necessary prerequisites or obtained the consent of the instructor. Students who lack the prerequisites but believe they have equivalent backgrounds should consult the instructor before enrolling in a course. A student who enrolls in a course without satisfying the prerequisites and who has not consulted the instructor may be dropped from the class at the instructor's discretion. All prerequisites are listed in the catalog; the semester course schedule also lists course prerequisites as well as those required for enrollment in a particular course section.

Withdrawal from the University

A student may withdraw from the university during the first half of the semester. The Registrar's Office will determine comparable deadlines for courses less than a semester in length. After withdrawal, no record will be kept of a student's grade in his/her courses for that semester. After the deadline, a student may request permission to withdraw only for extraordinary non-academic reasons. Any such request must be completed by the last day of instruction in that semester. The request must include a written explanation of the circumstances leading to the request and documentation, if appropriate. Any such requests are to be submitted to the Advising Center for appropriate action. Students may not request a withdrawal from a completed semester. Please see the Advising Center for current policy.

EXAMINATIONS

Final Examinations

Most courses terminate in a two-hour written examination at the end of the term. During the fall and spring semesters, these examinations are scheduled during the week following the last

day of classes. During the summer session, final examinations are arranged by the instructor. The final examination schedules for fall and spring are printed each semester in the course schedule. Students with work or other commitments should consult the course schedule well in advance of the final examination period so that they can arrange to take their examinations as scheduled. The time set in the course schedule for a final examination cannot be changed without special administrative authorization. Students who believe that they have examination conflicts should double-check the course schedule; if the conflict results from a change in time they should consult with their instructor and, if necessary, with the department chair.

Accommodation of Religious Observances

In accordance with State Law 36.43, UW-Parkside provides for the reasonable accommodation of a student's sincerely held religious beliefs with regard to all examinations and other academic requirements and also provides a means by which a student can conveniently and confidentially notify an instructor of potential conflicts.

A student with a conflict between an academic requirement and a religious observance must be given an alternative means of meeting the academic requirement, subject to the following:

- To be granted an alternative means of meeting an academic requirement, students must notify their instructors, within the first two weeks of class, of specific days or dates on which they will request relief from an academic requirement. (The instructor must treat this information as confidential.)
- Instructors are not obligated to provide alternate arrangements for an individual before the regularly scheduled event.
- Instructors may set reasonable limits on the total number of occurrences claimed by any one student.

Credit by Examination

It is possible to gain university credit by passing examinations which certify that the student has acquired through other means the same knowledge as would have been expected in a college course taken for credit. UW-Parkside accepts many approved examinations from outside agencies for credit. For information on approved examinations, contact the Advising and Testing Center in Wyllie 107 or at 262-595-2040.

General Limitations

Certain rules apply to all forms of credit by examination.

Maximum Number of Credits

UW-Parkside will grant no more than 30 credits through credit by examination.

Grades

No grades are recorded for credits granted by examination.

Limitations on Use of Credit by Examination

Credits granted by examination do not count toward residency requirements (the 30 credits a student must earn at UW-Parkside

and the 15 credits in 300-400 level courses in the major a student must earn at UW-Parkside). No more than 6 credits granted by examination may be applied to any one of the major areas of the general education requirements. Students hoping to use credit by examination to meet the foreign language requirement should consult with the modern language chair in advance. Academic programs may list additional restrictions on the use of credit by examination in meeting their own requirements.

Challenge Examinations

Each department's faculty at UW-Parkside may designate certain courses for which credit by examination may be earned. The method of testing and the standards which must be met are determined by the department faculty; in limited cases this may include specified pre-collegiate work in lieu of examinations.

Credits Granted

The number of credits granted will be equal to the credits normally earned in the course being "challenged."

Eligibility

Challenge examinations will be given only to registered students. Students seeking credit by examination for a course which they have previously audited at UW-Parkside must be enrolled in the university at the time the examination is taken and are subject to such fee charges for the examination as are in effect.

External Programs

A number of external agencies provide examinations which may be acceptable for credit at UW-Parkside. Students interested in following this route should consult the Advising Center for details. The following general policies apply:

Documentation

An official transcript, score report, or equivalent document issued by the external agency must be submitted before credit can be granted.

Approval of Credit

In the case of the College Level Examination Program (CLEP), the Advanced Placement Program (AP), and the International Baccalaureate program (IB), a list of approved examinations, the minimum score required for credit, and the course equivalencies established for each by the appropriate department faculty is maintained in the Advising Center. In all other cases, the appropriate department faculty will determine whether credit will satisfy: 1) specific course requirements for a major or minor; 2) elective credit for a major or minor; or 3) only general elective credit.

Advanced Placement

Students who have exhibited outstanding scholarship and participated in the College Entrance Examinations Board's (CEEB) Advanced Placement Program may be eligible for advanced placement credit. Students must submit official Advanced Placement examination reports to the Advising Center. Score reports may be ordered from CEEB by phone at 888-225-5427 or by e-mail at apexams@info.collegeboard.org.

College Level Examination Program (CLEP)

The CLEP is based on the premise that some people enrolling in college have already learned some of what is taught here. They

have done so through non-credit adult courses, job training, independent reading and study, and advanced high school courses. CLEP provides these individuals the opportunity to demonstrate their college-level learning by taking exams that assess knowledge and skills taught in college courses. The CLEP exams cover material taught in introductory-level courses.

UW-Parkside accepts credits for many of the CLEP general and subject examinations. Contact the Advising and Testing Center at 262-595-2040 to determine which examinations are accepted.

National Tests

UW-Parkside serves as a test site for many of the standardized national exams often required for admission to undergraduate and graduate programs. Some of the national exams administered at UW-Parkside include the ACT, NTE, PPST, and SAT. UW-Parkside does not offer all the tests on every national examination date. To confirm dates and times, contact the Advising Center in WYLL 107 or call 262-595-2605.

Credit for Experiential Learning

UW-Parkside students have the opportunity to seek credit based on learning gained from experience through a rigorous portfolio and evaluation process. This process is grounded in the departmental evaluation of the portfolio, in which the student describes the learning that derives from experience.

Any UW-Parkside student who can demonstrate learning that is derived from experience equivalent to college level learning may be able to apply that learning toward degree credit. The Credit for Experiential Learning (CEL) process requires that the learning be related to specific courses or areas of study at UW-Parkside. The learning must be based on experience in employment, volunteer activities, workshop/seminar participation, and/or publications. Credit is given for learning acquired as a result of the experience(s), not for the experience itself. The required portfolio process takes time and effort.

CEL at UW-Parkside is determined through individual assessment. Academic departments use the portfolio process to decide whether a student should receive credit for experience-based learning, how much credit, and whether credit is applied toward general education, major, minor or elective courses. Academic departments determine the awarding of CEL based on their own judgment as to what level of learning is acceptable. Each course request is evaluated by a faculty member qualified in that area. It is then approved by the department chair and dean. A maximum of 30 CEL credits may be awarded to a student.

The CEL portfolio is a collection of packets, each of which includes a claim for credit for a specific course along with a written narrative and extensive documentation that supports the student's claim of college-level, experience-based learning. Faculty may interview students, require performance-based claims and/or administer examinations when additional information is needed to substantiate the request.

The narrative describes the learning in detail and is similar in terms of effort to a major term paper for a course. The narrative discusses the student's own experience and the subject matter's theories, concepts and corresponding literature. The student must also demonstrate ability to understand, reason about and/or explain problems, choices and/or decisions in the particular subject. The narrative must be well documented.

Documentation reflects familiarity with theories of the academic discipline that are central to the experience and supports the experiential statements in the narrative. At least one letter from a present/past direct supervisor is required. Other documentation may include certificates of workshop/seminar completion, and any other verifiable information that substantiates claims made in the narrative.

Students interested in pursuing the CEL process should study the statements on CEL Policies, CEL Procedures and the CEL Portfolio available on the university website. Interested students should make an appointment as soon as possible with the Adult Student Adviser (Advising Center, Wyllie 107, 262-595-2040). The Adult Student Adviser will assist the student in assessing the appropriateness of potential claims and in garnering the necessary course information from the appropriate faculty members.

Credits for Military Service

Students who seek credits based on military course work must provide one of the following types of documentation to the Registrar's Office:

- DD214
- DD295
- AARTS Transcript/SMART Transcript
- Certificate of Completion

UW-Parkside grants credit for course work completed in the armed services as recommended by the Guide to the Evaluation of Educational Experiences in the Armed Services by the American Council on Education. Credit will be granted if the guide recommends granting credit in the baccalaureate/associate degree category and if credit recommendations are parallel to courses offered at UW-Parkside. Credits granted for military courses will not count toward residency requirements for graduation and may not duplicate content for credits previously earned by any other means.

Credit is not awarded for rank or rating, or military occupational specialties. Credits granted for military course work will be treated in the same category as credit by examination; therefore, no more than 30 credits will be granted for military course work or a combination of military course work and credits earned by examination.

A student may appeal the evaluation of his or her military credits by providing the appropriate departmental faculty with a copy of the ACE description, obtainable from the Registrar's Office, and other documentation that outlines course content.

TABLE 1. GRADES

Grade		Total Quality Points				
		<u>1 cr</u>	<u>2 cr</u>	<u>3 cr</u>	<u>4 cr</u>	<u>5 cr</u>
A	Excellent	4.00	8.00	12.00	16.00	20.00
A-		3.67	7.34	11.01	14.68	18.35
B+		3.33	6.66	9.99	13.32	16.65
B	Good	3.00	6.00	9.00	12.00	15.00
B-		2.67	5.34	8.01	10.68	13.35
C+		2.33	4.66	6.99	9.32	11.65
C	Satisfactory	2.00	4.00	6.00	8.00	10.00
C-		1.67	3.34	5.01	6.68	8.35
D+		1.33	2.66	3.99	5.32	6.65
D	Poor	1.00	2.00	3.00	4.00	5.00
D-		0.67	1.34	2.01	2.68	3.35
F	Failure	0.00	0.00	0.00	0.00	0.00

A student may pursue CLEP/DANTES testing or academic departmental testing for additional credit. Credit will be granted for CLEP/DANTES on the recommendation of the testing coordinator; credit will be granted for academic departmental examinations upon departmental recommendation.

Course Numbering System

The University of Wisconsin-Parkside has adopted the following guidelines on course numbering:

- A010-A090 Developmental courses, not for degree credit.
- 100-299 Level I, Lower Division (courses intended for freshmen and sophomores)
- 300-499 Level II, Upper Division (courses intended for juniors and seniors)
- 500-699 Courses that carry graduate credit but which can be paired with undergraduate courses.
- 700-799 Master's level graduate courses, open to graduate students only.

Courses that appear in the course schedule with a pound (#) sign are designated as developmental. Credit earned in courses bearing this symbol does not count toward the 120 credits required for graduation. Other courses appear in the course schedule with an asterisk (*) before the course number. This symbol designates the course has been approved to satisfy a general education requirement.

Grades

At UW-Parkside, letter grades are used, including plus (+) and minus (-) grades. Each letter grade carries a certain number of quality points per credit. A grade of B, for example, is worth three quality points per credit, so that a student receiving a B in a 3-credit course would have earned nine quality points. See Table 1 for a scale of grades and points used by the university.

The following grades are assigned no grade points and are not counted when the GPA is calculated.

- AUD Audit fee paid
- CR For Credit Only
- I Incomplete (temporary)
- IP In progress
- N/C No credit awarded
- NG Not graded
- NR No report submitted (temporary)
- RT Retaken
- S Satisfactory (only for special circumstances)
- U Unsatisfactory (only for special circumstances)

Unusual Grades

Audit (AUD)

This grade is assigned for satisfactory performance by students who are auditing a course. In cases of unsatisfactory performance, the student may be dropped from the course by the instructor.

Credit (CR) / No Credit (N/C)

These grades designate satisfactory or unsatisfactory performance in the special credit/no-credit courses described earlier.

Retaken (RT)

This grade is assigned when a UW-Parkside course is retaken by a transfer course or by a UW-Parkside course which is not the exact equivalent of the original course (Executive Action for substitution required). The title of the original course is changed to reflect the original grade earned as well as the number of the course that replaces it and the semester it was completed.

No Report Submitted (NR)

This temporary grade is assigned to indicate that the grade for a particular class was not reported by the grading deadline for the semester. If no grade is submitted by the instructor before the last day of classes for the next semester (summer school is not counted as a semester for this purpose) a grade of NR shall become a permanent grade of F with normal effect on the student's GPA and earned credits.

Incomplete (I)

This temporary grade is assigned to indicate that a student must complete additional work in order to earn a grade for a class. A

grade of Incomplete is assigned at the discretion of the instructor, guided by the following policies:

- A grade of Incomplete may be reported for a student who has maintained a passing grade in a course until near the end of the course and who then, because of unusual and substantiated cause beyond the student's control, is unable to take or complete the final examination, or to complete some limited amount of course work. The grade of Incomplete must be accompanied by the instructor's description of the course work that has yet to be completed.
- The amount of time a student has to complete the work and remove the grade of "I" shall be at the discretion of the instructor. That time period shall not extend beyond the last day of classes of the following semester. Summer school is not counted as a semester for purposes of removing the grade of Incomplete.
- If the Incomplete is not removed within the specified time, the Incomplete will lapse to an F at the end of the semester following the term in which the Incomplete was assigned.
- A request to change an already recorded grade to a grade of Incomplete will not be carried out unless the instructor files a Request for an Incomplete.
- A student may not graduate with an incomplete on his/her transcript if failure in that course would make the student ineligible to graduate.

Grade Point Average (GPA)

To make it possible to compute semester and cumulative averages for grades in classes carrying various amounts of credit, each letter grade carries a certain number of quality points per credit. A grade of A for example, is worth four quality points per credit, so that a student receiving an A in a 3-credit course will have earned 12 quality points.

The GPA is calculated by dividing the total number of quality points earned by the total number of credits attempted. Grades in courses not counting toward the 120 credits required for graduation are included, but audited courses, credit/no credit courses, and physical education courses beyond the limits listed under general degree requirements are not. A GPA is also calculated on transfer credits and, for major and graduation requirements and commencement honors, on the combination of transfer and UW-Parkside credits. The transfer and combined GPAs do not appear on the UW-Parkside transcript.

Grade Changes

Except in the case of a demonstrated error on the part of the instructor or the Registrar's Office, a recorded grade will not normally be changed. All grade changes require the approval of the instructor and the department chair. A grade assigned at another institution will not be deleted or changed at UW-Parkside.

Academic Forgiveness Policy

Academic Forgiveness is a policy which applies to an undergraduate student with a poor academic record from earlier college or university work. The goal of this policy is to lighten the burden of poor prior performance once the student has demonstrated



her/his ability to succeed academically. This process is initiated by making a formal application for academic forgiveness to the Registrar's Office. Please see the Advising Center or the Registrar's Office for policy information.

Grade Appeals Procedure

Sometimes a student believes that the grade received in a particular course is not consistent with his/her performance in that course. The process of appealing semester grades involves a series of steps:

1. The student shall first discuss the grade with the course instructor and attempt to resolve any differences informally. The aim of such a conference is to reach mutual understanding about the grade and the process by which it was assigned, and to correct errors, if any, in the grade. If for any reason the instructor cannot be contacted, the department chair shall designate a faculty member to act for the instructor.
2. If, after conferring with the instructor, the student still believes that the grade is inappropriate, the student may submit a claim in writing to the appropriate department chair, who shall consult with both the instructor and the student separately or together, in an effort to reach an understanding and resolution of the matter. This must be done before the end of the semester (excluding summer session) following that in which the grade is received. (NOTE: If the department chair is the instructor whose grade is being appealed, the departmental executive committee shall designate another member of the departmental executive committee to assume the department chair's role in this process.) If the course in question is housed in an academic center, the center director shall assume the department chair's role prescribed for this process; the center steering

committee shall assume the departmental executive committee's role. In the case of a grade given in a course housed neither in a department nor in an academic center, the student may, after conferring with the instructor, submit a claim in writing to the Academic Actions Committee.

3. If steps one or two do not resolve the problem, the department chair shall submit the student's written claim to the instructor, who shall prepare a written response. A copy of this response shall be furnished to the student by the department chair.
4. If, after receipt of the instructor's response, the student is still dissatisfied, the student shall notify the department chair of this within seven working days.
5. The department chair, in consultation with the departmental executive committee, shall appoint a grade review committee consisting of three faculty members and one student. The student member shall be recommended by the UW-Parkside Student Government Association.
6. The student and the instructor shall provide the review committee and each other with access to any of the student's course work in their possession. Both the student and the instructor shall be given an opportunity to appear before the committee and present evidence to support their positions. In this process, the burden of proof is upon the student, and the committee shall recommend a grade change only if clear and convincing evidence of misgrading has been presented.
7. The review committee shall decide either that the grade was appropriate and shall stand as assigned, or that the grade was inappropriate and should be changed to the grade stipulated by the review committee. The review committee shall present its decision to the department chair, who shall inform both the student and the instructor of the review committee's decision and initiate a grade change if appropriate.
8. If the student wishes to appeal the decision of the department grade review committee, the student shall submit a letter to the dean of the appropriate college or school within five working days. The dean shall then appoint an ad hoc grade review committee of three faculty from outside the department in question and one student representative recommended by the UW-Parkside Student Government Association. The committee shall report its decision to the dean, who shall direct a grade change, if necessary.

Academic Probation and Suspension Policy

Every student is expected to maintain at least a 2.00 GPA on all work carried in every term, including summer sessions. Students who fail to maintain this minimum GPA will face probation, strict probation, or suspension, as specified below. Every student can determine his/her academic status at the end of each term using his/her status at the beginning of the term and the GPA at the end of the term.

If a student is not on probation and:

1. earns a GPA that term of lower than 2.00 but 1.00 or higher, the student is placed on probation, or
2. earns a GPA that term of lower than 1.00, the student is placed on strict probation.

If a student is on probation and:

1. earns a GPA that term of lower than 2.00 but 1.50 or higher, the student is placed on strict probation, or
2. earns a GPA that term of lower than 1.50, the student is suspended for at least one year.

If a student is on strict probation and:

earns a GPA during a term of less than 2.00, the student is suspended for at least one year.

Any student on probation or strict probation will be automatically cleared of probation at the end of any term when:

1. the term's GPA is 2.00 or better on any number of credits, and
2. the cumulative GPA is 2.00 or better, and
3. the academic record contains no grades of Incomplete.

Readmission Following an Academic Suspension

A student who has been suspended for a year may appeal to the Academic Actions Committee. Information about the appeal process is available at the Advising Center.



Readmission to the university following the serving of a suspension is not automatic. Students must apply for readmission through the Admissions Office and also submit a request for readmission to the Academic Actions Committee.

Academic Honors for Undergraduate Students

For information about honors for graduate students, consult the graduate section of this catalog.

The university recognizes outstanding academic performance by publishing a Provost's List and a Dean's List at the end of the Fall and Spring semesters. Students whose names appear on the lists will be notified in writing, and a notation is recorded on their transcript.

The Provost's List

The list includes all undergraduate students who earn a semester GPA of 3.80 or above on a load of 9 or more credits at UW-Parkside excluding courses which do not count toward graduation during either the Fall or Spring semesters. There is no Provost's List during the Summer or Winterim sessions.

The Dean's List

The list includes all undergraduate students who earn a semester GPA between 3.50 and 3.79 on a load of 9 or more credits at UW-Parkside during either the Fall or Spring semesters. There is no Dean's List during the Summer or Winterim sessions.

Graduation With Honors

Undergraduate students with outstanding cumulative GPAs, calculated including transfer course work, are graduated with honors. UW-Parkside uses the traditional Latin terms in recording these distinctions:

1. Cum laude (cumulative GPA of 3.50 or higher but lower than 3.70)
2. Magna cum laude (cumulative GPA of 3.70 or higher but lower than 3.90)
3. Summa cum laude (cumulative GPA of 3.90 or higher)

All courses are used in calculating the GPA for honors, including those grades of C-minus or better for which academic forgiveness has been granted (courses with grades of D+ or lower that have been academically forgiven do not count toward graduation and are not calculated in the honors GPA).

Phi Eta Sigma

The university chapter of Phi Eta Sigma recognizes academic achievement by students during their first year of study. To be eligible, students must attain a GPA of 3.50 during either semester of their first year of study (transfer students may accumulate no more than 20 credits prior to the semester of eligibility) and be a full-time student (12 or more credit hours). Upon induction into this national academic honor society, members receive lifetime membership and become eligible for additional scholarships.

Transcripts

A transcript is an official record of a student's academic activity. It reflects a student's courses and grades, and it provides other academic data, such as semester and cumulative GPAs, academic status, honors a student may have earned, and degrees a student may have been awarded.

Each institution defines what makes its transcript official. At UW-Parkside, an official transcript is printed on special transcript paper, bears the registrar's signature, the university's seal, and is issued in a sealed envelope. If the envelope is opened before it is submitted to the office for which it is intended, it is no longer considered official. Some institutions and agencies will not accept a transcript as official unless it arrives from the granting institution by mail.

UW-Parkside requires that students seeking admission to the university submit official transcripts from high school and any other colleges they may have attended. Employers, graduate schools and



other universities to which students are applying may require students to submit an official copy of their UW-Parkside transcript.

Under the Family Rights and Education Act of 1974 as amended, UW-Parkside will not release a student's academic transcript to a third party without the student's written consent. For this reason, Student Records/Registrar's Office cannot honor telephone requests for transcripts. To obtain an official transcript, students or former students must submit a written request to Student Records/Registrar's Office. Requests may be submitted on a transcript request form, available from the Student Records/Registrar's Office counter, or they may submit a request in letter form, with the following information:

- The student's printed name
- The student's current address and telephone number
- The student's Social Security or student identification number
- Approximate dates the student attended UW-Parkside
- Address(es) to which the transcript should be sent
- Signature of the student requesting the transcript
- The appropriate fee

Transcript requests are processed within five working days; for an additional charge, transcripts will be given priority service (sent by first-class mail within 24 hours of the receipt of the request, or processed immediately, if the request is made in person). Students who need only unofficial transcripts may obtain them from the Advising Center at no cost, provided the student presents a valid form of identification.

The Advising Center

Academic advising is coordinated at UW-Parkside by the Advising Center, located in Wyllie Hall 107. Upon admission to the university, every degree-seeking (matriculant) student is assigned an academic adviser or advisers. An undeclared student is assigned to an academic adviser or a faculty member who has volunteered to provide this type of advising; a student who has declared a major is assigned to a faculty member from that department or program.

Except for the summer and winterim sessions, all degree-seeking students are required to consult with their advisers before registration. The registration system will not allow unadvised students to register for spring or fall classes. Each term, advising begins approximately two weeks prior to the registration period.

The Advising Center is also the place where students may obtain unofficial transcripts, copies of their course schedules, DARS reports, permission to take a course overload (more than 20 credits for the fall and spring semesters or more than 12 credits for the summer term), declare majors and minors, and obtain academic information of all kinds. Add/drop forms, change of name, address and adviser forms are available there. Student employees will look up office and telephone numbers of faculty and staff and assist students in any other way they can.

Degree Audit Reporting System (DARS)

The Degree Audit Reporting System (DARS) provides an automated report, which assists students in determining the courses they must complete in order to graduate. Students may obtain a DARS report from the Advising Center at any time after they register for their first semester of courses.

Transfer course work: The Registrar's Office applies transfer courses to general university requirements at the time transfer students are admitted; therefore, the courses immediately appear on the DARS report and apply toward general education requirements. Transfer courses are applied toward major requirements only upon the written direction of the student's major adviser.

The DARS report is to be used as an advising tool, but it is not an official representation of the student's degree requirements until an official review is completed in the Registrar's Office. This is completed at the time the student submits the degree summary request/graduation application, with the appropriate fee, to the Registrar's Office.



ADULT/NON-
TRADITIONAL

ADULT/NONTRADITIONAL STUDENTS/PROGRAMS

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ADULT/NONTRADITIONAL STUDENTS/PROGRAMS

The University of Wisconsin-Parkside has been serving adult, or nontraditional, students in the southeastern Wisconsin and northern Illinois regions for more than 30 years. One way of identifying adult students is by age, and 25 percent of the student body at UW-Parkside is 25 years of age or older. While adult students have many of the same concerns as more traditional-aged students, adult students must often add their college work to an already full schedule of work, family, and community commitments. UW-Parkside tries to help adult students complete their educational goals through multiple resources.

Many adult students here complete their majors through the daytime course schedules, while other adult students work toward their degrees in the evenings or on weekends. At present, eight undergraduate majors can be completed entirely in the evening or in alternative formats: business, communication, criminal justice, computer science, english, humanities, psychology, and sociology. The interdisciplinary studies major, with an organizational studies concentration and a leadership certificate, is offered as a degree-completion program in a concentrated weekend format. (For more information about these majors, see the appropriate departmental listings in the Undergraduate Programs section of this catalog.)

Administrative Services and Supports

Admissions

Adult students should begin by speaking with an admissions counselor about the requirements for admission and the need for transcripts. Prospective or returning students may call 262-595-2355 for an appointment, which can be scheduled outside regular office hours. The admissions application is also now available at <http://www.uwp.edu> Keyword: *Admissions*. Prospective adult students who have previous college experience (regardless of date) or who are currently attending another college or university may also be referred to the Advising Center 262-595-2040 about transfer credits. Full information about the admissions standards and process is available elsewhere in this catalog.

Advising

Adult students will want to make use of the advising and academic support available through the Advising Center. The adult student adviser has a particular commitment to adult students, but all Center advisers are familiar with and sensitive to the issues that adult students face. Once adult students have declared their major, and been accepted into the program, they will be assigned a major adviser, a faculty member of their department who will guide them through the professional development of their upper level course work. Contact the Advising Center 262-595-2040 to set up an initial appointment to meet with a Center adviser. In

particular, Center advisers will help adult students discover the best ways for them to earn credits toward successful completion of their academic goals.

Earning Credit

At UW-Parkside, students have several options for seeking credits both within and beyond the traditional course and classroom structures. More information about these various options is available in the Programs and Policies section of this catalog.

Credit by examination can be obtained by passing examinations which certify the student has acquired through other means the same knowledge that would have been obtained in a college course taken for credit. UW-Parkside accepts many of the examinations from the CLEP and DANTE programs; Center advisers can identify which tests qualify for UW-Parkside credit.

Once students are admitted and registered for classes, they may also choose to complete departmental challenge examinations. Each department designates which courses will qualify for credit by examination. The method of testing and the standards which must be met are determined by the department faculty; in limited cases this may include specified pre-collegiate work in lieu of examinations. An adviser will help students explore this option with the department. Up to 30 credits in total can be earned through credit by examination.

Credit for experiential learning (CEL) policy encourages students to demonstrate that they have college-level learning derived from their experiences in employment, volunteer activities, workshop/seminar participation, and/or publications. The CEL process requires that the learning be related to specific courses or areas of study at UW-Parkside, that it be college-level, and that, in most cases, it be demonstrated through a written portfolio. The CEL portfolio can be submitted once the student has successfully completed 12 credits at UW-Parkside. More information can be found in the Programs and Policies section this catalog, but the most complete information is available from the adult student adviser in the Advising Center 262-595-2040. Up to 30 credits in total can be earned through credit for experiential learning.

Credit for military course work and training is given to students who provide to the Registrar's Office official documentation (usually SMART transcripts) of college-level learning that is approved by the American Council on Education (ACE) and corresponds to course work offered at UW-Parkside.

Transfer credits from other institutions of higher education are reported to UW-Parkside via official transcripts. It is a student's responsibility to contact all previous schools attended and have transcripts sent directly to the Office of Student Records. Adult students should not assume that credits from many years ago will not transfer. Adult students may also be interested in the

Academic Forgiveness Policy, which affects low grades of courses taken five or more years ago.

Cashier's Office

The Cashier's Office (Wyllie D193, 262-595-2258) is responsible for all monetary transactions between students and the university. Tuition and fees are set annually by the UW System Board of Regents and are subject to change without notice. Tuition is due one week after the start of classes, and can be paid at the Cashier's Office or online through the student's SOLAR account. Installment and payment plans are available. If tuition is paid by an agency or employer, a letter of authorization must be brought to the Cashier's Office.

Financial Aid and Scholarships

Whether adult students plan to attend full time or part time, they should contact the Financial Aid Office in the lower level of Molinaro (MOLN D135, 262-595-2574). The Scholarships Office (Wyllie 107, 262-595-2574) will work with adult students to explore their options.

Parking

Parking permits are required for all parking lots before 7:00 p.m. on weekdays; cars without permits will be ticketed. Permits can be obtained from the UW-Parkside Police Department (eastside of Tallent Hall) or the Ranger Card Office (Union D111). Parking meters are available for visitors in all lots, including the Union lot on Inner Loop Road.

Ranger Card

The Ranger Card, the student identification card, is used for access to computer labs, the Sports and Activity Center, and campus events, as well as for checking out library materials. Funds deposited to a Ranger Card account can be used to purchase food and make copies. The Ranger Card Office is located in Union D111 and is primarily open during weekday business hours. Call the Ranger Card Office if you need to make an appointment after hours for the photo ID.

Registrar/Student Records

The Registrar and Student Records Office (Wyllie D187, 262-595-2281) is responsible for the course registration process and for student records regarding adding and dropping courses, course grades, and student transcripts. Continuing students begin registration approximately a month before the end of the present term, by seeing their adviser and then registering online through the SOLAR system.

Academic and Student Support Services

Adult students are encouraged to make use of all the services of the campus. Most university offices are open regularly from 8:00 a.m. to 4:30 p.m. Monday through Friday, with extended hours until 6:00 p.m. on Mondays and Thursdays during the fall and spring terms. Appointments can also be made at later times as requested.

Bookstore

The UW-Parkside Bookstore, located in the lower level of Main Place (Wyllie D174, 262-595-2301), is open weekdays and some Saturdays throughout the fall, spring and summer semesters. Lists of required texts for courses are available in the bookstore and online; texts can also be ordered online and shipped directly to students.

Career Center

The Career Center (Wyllie D173, 262-595-2452), offers a variety of career guidance and counseling services for students, from deciding on a major to entering or changing careers, including job search strategies, resume writing, and interviewing. The Career Center also serves students by assisting them in establishing internships (both paid and unpaid) and volunteer opportunities that will strengthen students' preparations for their post-graduate professional lives.

Child Care

Child care is located at the Child Care Center, south of Tallent Hall on Wood Road (262-595-2227). Services are available during the academic year from 8:00 a.m. to 5:00 p.m. on weekdays, and arranged on a semester-by-semester basis. Financial assistance is available.

Computer Support

A large, open-access microcomputer lab is located on the D1 level of Wyllie Hall (enter through the library). This lab includes both PCs and Macintosh computers and is open the same hours as the Library. Other computer labs, in Molinaro 115, 118 and 124, are open Monday through Friday. Student staff members are available to help in lab areas and at the Help Desk (262-595-2644), located adjacent to the Wyllie Lab. Adult students who are unsure of their computer skills may want to register for the 1-credit Academic Skills course (ACSK 095) their first semester.

Disability

Adult students with long or short-term disabilities can receive appropriate support services, which may include special short-term parking permits, accessible locker space, the loan of crutches or wheelchairs, or testing, note taking, and other learning accommodations. Services for students with disabilities are coordinated by the Disability Services Office (Wyllie D175, 262-595-2610).

Food Service

Food service is available in the Union dining room (L1 level) for breakfast and lunch Monday through Friday, dinners Monday through Thursday, and brunch Saturday and Sunday. During weekdays, the Wyllie Market (lower Main Place) and Java Coast (the bridge on L1 of Molinaro) are also open. Hours of operation are available in the current campus directory or by calling 262-595-2601. Beverage and food vending machines are located in Communication Arts Building, Greenquist Hall, Molinaro Hall, and Wyllie Hall.

Health Care

Students may access health services, including reproductive screening and medications, personal counseling, and alcohol and other drug counseling and prevention education, at the Student Health and Counseling Center. Adult students needing health insurance coverage can obtain it through a university-arranged policy; information is available at the Student Health and Counseling Center, located east of Tallent Hall (262-595-2366).

Library

One of the primary focal points of any student's contact with the University is the Library, located on the L1 level of Wyllie Hall between the Communication Arts Building and Greenquist Hall, near the Advising Center and Main Place.

Typically open 96 hours a week during the fall and spring semesters, with extended hours during finals, the library has a recorded message at 262-595-2649 with updated hours for holidays, summer, and intersessions. Reference librarians are available to help students during many of those hours, and students are welcome to set up consultation sessions with particular librarians, especially those who have given presentations in their classes. The Archives and Area Research Center has limited evening hours.

Adult students will find an extensive array of library services available at all times at <http://www.uwp.edu/information.services/library/>. As well as a wide variety of information resources, such as the UW-Parkside electronic reserves, interactive information literacy tutorial, and the library catalog, students can renew materials online, search other UW System library catalogs, order through Interlibrary Loan, and access a large selection of commercial full-text journals and e-books.

Tutoring/Educational Support Services

A variety of reading, writing, math, and specific course assistance is available through Educational Support Services (Wyllie D175). The specific hours and services provided through the Tutoring Center (Wyllie D180) are available at 262-595-2044.

Veterans Services

All veterans benefits are coordinated by the University's certifying official in the Registrar's Office, 262-595-2160. To be certified for benefits, veterans enrolling for the first time must submit an application, and then a form at the beginning of each semester. Veterans interested in state of Wisconsin benefit programs must contact their county veterans service office.

Student Clubs and Organizations

Adult students are welcome to become active members of any of the more than 70 student clubs and organizations on campus. For more information, students should contact the Student Organizations Council (SAC), the Parkside Activities Board (PAB), or the Student Activities Office, all located in the Parkside Union. Adult students will also find that the UW-Parkside Student Government Association (PSGA), as part of the UW System, provides a strong voice and genuine financial impact for all UW-Parkside students.

PASA

The Parkside Adult Student Association (PASA), named the top student organization in 2003-2004, is a student-owned and financed advocacy group for adult students. The PASA office (Molinaro D127, 262-595-2706) offers academic and personal support networks to aid adult students in meeting both family and employment obligations while achieving their educational goals.

ACADEMIC SKILLS PROGRAM

Keyword: *Learning Assistance*

Instructional Staff:

Short, M.A.; Haley-Renaud, M.S.; Otto, M.S.; Smith, M.Ed.;
Tong, M.A.; Weller, M.Ed.; Wiesner, M.S.

Program Overview

The Academic Skills Program provides supportive services to students who need to improve their learning skills. Many students require intense, comprehensive development in the areas of writing, reading, mathematics and/or study skills. General education requirements make the Academic Skills Program courses essential for many students. ACSK A010, A015 and/or A090 may represent the most appropriate beginning level courses in English and mathematics. These courses are part of a sequence designed to help students pass the writing and mathematics competence requirements. Computer-enhanced instruction is available in these courses and offers students an alternate instructional delivery system using “state of the art” software to complement teacher presentation and interaction. Academic skills courses are not available for audit. Credit earned in academic skills courses generally does not count toward the 120 credits required for graduation but the grade earned does affect the GPA. ACSK 0100, ESL, and ACSK 0105, Library Skills for Research, are the exceptions.

Courses in Academic Skills (ACSK):

- A010 Essential Math Skills**3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Review of arithmetic from whole numbers, fractions, decimals to percent. Introduction to elementary algebra including the arithmetic of integers, simple algebraic expressions and equations, and geometric formulas and figures. This course should be followed by ACSK 015. Some sections are available using computer-enhanced instruction.
- A015 Elementary Algebra**4 cr
Prereq: ACSK 010 with a grade of C or better or appropriate placement score. Freq: Fall, Spring, Summer.
Review of basic algebra including integers, algebraic expressions, equations and inequalities, integer exponents, radicals, graphing, and systems of equations. Some sections are available using computer-enhanced instruction.
- A070 Learning Strategies**1 cr
Prereq: None. Freq: Fall, Spring.
Essential academic learning and study skills including academic responsibility, goal setting, time management, stress management, effective listening, note taking, textbook reading, and test taking.

- A083 College Reading & Learning Strategies**3 cr
Prereq: None. Freq: Fall, Spring.
Builds a foundation for efficient college reading. Develops reading strategies that generalize to other university classes. Enhances students' concentration, comprehension and retention through discussion and practice. Includes essential academic learning and study skills such as time management, enhancing memory, effective listening, note taking, test taking, and academic responsibility.
- A085 Academic Reading**1 cr
Prereq: None. Freq: Fall, Spring.
Similar in content and focus to ACSK 083, but course work is completed at a faster pace. Students are expected to be more independent in their mastery of the readings. Provides extended practice in increasing reading rate while maintaining adequate comprehension.
- A090 Composition Preparation**3 cr
Prereq: None. Freq: Fall, Spring.
Writing workshop, including peer review and teacher feedback on essay and term paper assignments. Process of writing approach: brainstorming, free writing, rough draft, revision, and editing. Grammar review in context. Some sections are available using computer-enhanced instruction.
- A091 Special Topics in Academic Skills**1-4 cr
Prereq: None. Freq: Fall, Spring.
Selected topics in academic skills will be examined. Instructor approval required.
- A092 Career Exploration and Planning**2 cr
Prereq: None. Freq: Spring.
For students who need assistance with the process of choosing careers and academic majors, this course is designed to help develop abilities in self-assessment of interests, skills, values and goals, career exploration, and preparing for employment in the 21st century.
- A094 Reading and Writing**5 cr
Prereq: Placement into ACSK 090 (Composition Preparation) and either ACSK 083 or 085 (Reading). Freq: Occasionally.
Provides college reading strategies and structured writing experiences in various themes such as cross-cultural issues, media, environmental issues, etc.
- A095 Basic Computer Skills for College**1 cr
Prereq: None. Freq: Fall, Spring.
For students with little or no computer experience. It includes basics of hardware management, word processing, use of the Internet for research, and an introduction to e-mail.

0100 English as a Second Language Seminar3 cr
Prereq: None. Freq: Fall, Spring.
Designed for English as a Second Language students pursuing college level course work. Language instruction through topics addressing cultural adjustment, public speaking, discussions, vocabulary concepts for college thinking, and cultural adjustment. Course may be repeated; maximum of 3 credits apply toward graduation.

0105 Library Skills for Research.....1cr
Prereq: None. Freq: Fall, Spring
An introduction to the organization, retrieval, and evaluation of both print and electronic information resources. Students will navigate and use the resources from different areas of the library's homepages to access items linked from, but not found within, the library's specific domain. Topics include formulating search strategies and the critical evaluation of information, whether in print or online.



GRADUATE
PROGRAMS

GRADUATE PROGRAMS

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GRADUATE PROGRAMS

UW-Parkside offers graduate degree programs leading to the master of science in applied molecular biology (MAMB), the master of science in computer and information systems (MSCIS) or the master of business administration (MBA) degree. It also has two consortial graduate programs in education with the University of Wisconsin-Milwaukee: master of science in administrative leadership and master of science in cultural foundation of education. Additional graduate course work is offered in other fields of study.

The faculty of UW-Parkside has set minimum academic requirements that must be fulfilled by all graduate students. Specific graduate programs may have additional requirements spelled out in greater detail in the description of their programs. This section contains a section on the university-wide graduate study requirements and procedures. Many policies are common to graduate and undergraduate students; these are provided in the Programs and Policies section of this catalog.

Admission

Admission is a judgment the faculty of the program makes of the probability of the student's success in graduate work. This judgment is usually based on the student's undergraduate and post-graduate academic record and evidence, which varies by program, such as work experience, letters of reference, and aptitude tests. This judgment will be based on the faculty's assessment of the student's current academic abilities.

Some students may be asked to repeat some previous courses, particularly if a considerable time has elapsed since the completion of an applicant's prior studies. Other conditions may also be placed on a student's admission.

Admission as a Degree-Seeking Student

Students seeking a UW-Parkside graduate degree should contact the program they wish to enter for the appropriate application forms. They should submit the form and the non-refundable application fee and arrange to have official transcripts, test scores, and any other data required by their specific program sent to the program office. All material should be received at least four weeks before the time the student wishes to register for courses; some programs have earlier deadlines. Based on the faculty's judgment, the university will notify students whether they are admitted and of any conditions placed on their course of study. Registration materials will be sent to students who have been accepted.

Students applying for admission for graduate study must have a baccalaureate degree from a regionally accredited institution and

an undergraduate grade-point average (GPA) acceptable to the program to which they are applying (generally at least 2.75 on a 4.00 basis). Degree candidates must furnish a full set of official transcripts of college-level and post-graduate work as part of the application. If a graduate program requires satisfactory test scores on the Graduate Management Admissions Test or the Graduate Record Examination, applicants must make their own arrangements to take the tests and must pay the appropriate examination fee. For further information and assistance in arranging for these tests, contact UW-Parkside's Office of Testing 262-595-2321 or write directly to the Educational Testing Service, P.O. Box 966, Princeton, NJ 08540.

Admission with Probationary Status

For applicants who do not meet the admission criteria, admission with probationary status may be granted after taking into consideration the applicant's special qualifications and circumstances. Students admitted on probation will be on probation for their first 9 semester credits.

A student who is admitted on probation is required to attain a minimum GPA of 3.00 on the first 9 credits hours of course work completed at UW-Parkside. Students who do not meet the above requirement will be dropped from the program.

Admission as a Non-Degree-Seeking Student

Qualified students who hold a baccalaureate degree from a regionally accredited institution and who meet course prerequisites may be admitted by the program to enroll in graduate courses subject to the availability of space in the course. Special students must go to the program office to be advised. Requirements for admission vary with the program. Special students wishing to change to degree-seeking status must submit the full set of credentials required of all applicants. A maximum of 12 graduate credits earned as a special student may be applied toward a UW-Parkside graduate degree, although individual programs may have their own more-restrictive stipulations.

Consortial Programs

Students seeking to earn a degree in one of the consortial programs are formally the other university's degree-seeking students and will be held accountable for any policies in place at the other university. They should seek admission to the other university's graduate school and degree program. They should also seek admission to UW-Parkside as a non-degree-seeking student (see above). These students take a

combination of the other university's and UW-Parkside's graduate courses, all of which are offered at UW-Parkside, and transfer the UW-Parkside courses to the other school.

Audit Students

Subject to the availability of space and the permission of the course instructor, a limited number of audit students may be admitted to graduate courses. Audit students must be admitted and meet the same admission standards as non-degree-seeking, credit students. No grade or credit is given, but a notation that the audit course was completed is made on the student's transcript. Audit-only students are admitted through the same process as special students and also are required to seek advising before registering.

International Students

Students from other countries whose native language is not English are required to provide evidence of English language competence, normally by presenting a degree from an English-speaking university or satisfactory scores on the Test of English as a Foreign Language (TOEFL), administered through Educational Testing Service, Princeton, NJ 08540, as part of the admissions application. As a general rule, applicants with TOEFL scores of 550 or higher (213 or higher for the computer-based test) are considered to have adequate English ability; those below 550 will be reviewed more carefully because they may encounter some difficulties with the English language and will usually be asked to complete further study of English before an admission decision can be made.

All students needing student visas to enter or remain in the United States while studying at UW-Parkside must complete additional forms. All forms must be in by May 1 for September admission or November 1 for January admission. International students must be aware that, with the exception of the applied molecular biology program, UW-Parkside's graduate degree programs are intended primarily for part-time evening students. A student whose visa requires full-time attendance may have difficulty finding sufficient courses that fit the program to fill a full-time schedule. Contact the graduate program for further information.

Undergraduate Students in Graduate Courses

Graduate credit is available only to those who have been admitted as graduate students or to seniors admitted to a joint graduate/undergraduate status. Certain courses have two numbers, depending on whether they are taken for undergraduate or graduate credit. Under special circumstances, undergraduates in their last year may be admitted to courses offered for graduate students, subject to prior approval by their adviser, the course instructor, head of the graduate program, and the Graduate Dean. Credits earned in the graduate course will count toward the 120 undergraduate credits required for a bachelor's degree. Students who have earned credits in excess of the number needed for a bachelor's degree may petition a graduate program to accept these courses at the time of admission to a graduate program.

Transfer of Graduate Credit

Applicants who have taken graduate courses at another institution must submit official transcripts of this work as part of their credentials. UW-Parkside will accept no more than 12 graduate credits earned at another regionally accredited institution. Only credits earned with a grade of B (3.00 on a 4.00 scale) or higher will be accepted. Individual programs may impose more stringent requirements.

Only credits applicable to the UW-Parkside degree requirements, as determined by the program faculty, will be accepted. Program faculty may request to see textbooks, course syllabi, examinations, etc., in making the determination and may also request the student to take an examination. Students already admitted or enrolled at UW-Parkside must have prior consent from their graduate program faculty in order to take graduate work at another institution and transfer it to UW-Parkside. For further information contact the appropriate graduate program.

Financial Aid for Graduate Students

Graduate students are eligible for many of the government programs available to undergraduates. Limited financial aid is also available explicitly for graduate students. Inquire at the appropriate graduate program office concerning any aid or jobs available through the faculty.

The Financial Aid Office can help eligible students with work-study, veteran's program benefits, or the student loan programs. (See description of the office's services for undergraduate.) The state of Wisconsin has established the Advanced Opportunity Program (AOP) which gives fellowships to needy students, especially those from minority groups or disadvantaged backgrounds who are pursuing a degree program. At UW-Parkside, both full-time and part-time students may receive AOP assistance; for information contact the Financial Aid Office.

Veterans Benefits

UW-Parkside is approved for the education of reservists, veterans, disabled or deceased veterans' dependents, and war orphans under programs provided by the U.S. Veterans Administration and the state of Wisconsin Department of Veterans Affairs. Veterans' benefits are coordinated in the Registrar's Office.

To be certified for benefits, veterans enrolling for the first time must submit an Application for Educational Benefits form, and students who were receiving benefits at another school must submit a Request for Change of Place of Training form. At the beginning of each semester, veterans must submit a Request for Benefits form to continue receiving benefits. Veterans interested in state of Wisconsin benefit programs must contact their county veterans service office. Veterans who have not attended UW-Parkside for one or more semesters should contact the Registrar's Office when applying for reentry to the university.

Tuition and Fees

Tuition and fees are set annually by the University of Wisconsin System Board of Regents and are subject to change without notice. Because these charges are approved each year and usually not until summer, current tuition and fees are not included in this catalog. Costs for the most recent year, 2000-2001, are included below. Students should anticipate a 10 percent increase for each upcoming year when estimating total costs of their education.

In 2000-2001, the total estimated cost for a Wisconsin resident to attend graduate school full time at UW-Parkside for one semester was \$2,997 plus the cost of books.

Wisconsin Resident Graduate Tuition Fall and Spring Semesters

\$2,997 per semester for 12 credits.

\$326 for first credit.

\$324 for each subsequent credit up to 12.

Nonresident Graduate Tuition Fall and Spring Semesters

\$8,302 per semester for 12 credits.

\$915 for first credit.

\$913 for each subsequent credit up to 12 credits.

In addition to regular graduate fees, MBA students will be charged a surcharge of \$277 for full-time enrollment or \$31 per credit for part-time enrollment.

A mandatory fee of \$2 to support activities of the United Council is assessed each student. The fee is used by the United Council to finance lobbying efforts and other activities on behalf of students. Students who do not wish to contribute to such activities may obtain refunds by written request to United Council of UW Student Governments, 122 State Street, Suite 500, Madison, WI 53703.

Payment of Fees

Tuition is due one week from the start of classes for the fall and spring semesters and by Friday of the first week of classes for the summer session. If tuition is paid by an agency or employer, a letter of authorization to bill must be brought to the Cashier's Office at the time of registration or no later than the tuition due date—one week from the class start date.

All tuition payments can be made at the Cashier's Office. Late payments will be assessed a fee of \$5.00 per credit (maximum of \$60) if paid after the tuition due date. If tuition/fees are not paid by the Friday of the fourth week of classes, a 1 percent per month delinquency charge will be added each month until the balance is paid in full.

Any costs incurred by the university for the collection of unpaid balances will be assessed to the student's account. Installment or payment plans are available during the fall and spring semesters. Contact the Cashier's Office for information.

Fees for Adding Courses

Students taking more than 12 credits or part-time students adding credits during the semester will be assessed additional

charges. Payment will be due during the week additional credits are added. No billing will be sent. Students who fail to pay during the week classes are added will be charged an administrative fee.

Fees for Dropping Courses

After the 10th day of classes, students will be charged a \$15 per credit fee for dropping classes. For module classes the fee is charged after the third class meeting. During the summer session, the fee is charged after the fifth day of classes. This fee is in addition to the percentage charges assessed per the refund schedule.

Fees for Enrollment Changes

Beginning the 11th day of classes, students who drop and then add classes in the same week will be charged

- a. the \$15 per credit drop fee,
- b. the applicable charges for that week based on the refund schedule for the dropped class(es), and
- c. the additional per credit rate for the added class(es). The fee will not be charged for section changes of the same course.

Non-Sufficient Check Charges

Non-sufficient checks returned by the bank will not be redeposited. Students will be assessed a \$20 charge plus any additional late payment fees for returned checks and must make payment with cash, money order or cashier's check. Persons who have two checks totaling \$20 or more returned within a 12-month period will lose check writing privileges for one year.

Refunds for Withdrawals

Students withdrawing from UW-Parkside during the semester may be entitled to a partial refund of fees. The refund schedule for semester-length courses is as follows: 100 percent will be refunded if the student withdraws during the first or second week of classes; 50 percent during the third or fourth week. No refunds will be given for semester-length classes dropped after the fourth week of classes. Consult the Programs and Policies section of this catalog for the refund schedule for modular classes and the summer session.

GRADUATE POLICIES

Degree Requirements

To receive a master's degree from UW-Parkside, students must meet the following minimum requirements (note that individual programs may impose more stringent requirements):

1. Complete at least 30 graduate credits, of which no more than 12 may be transferred from another institution.
2. Have an overall GPA of at least 3.00 for all graduate work taken at UW-Parkside that is applicable to the degree program.
3. Satisfy all requirements of the graduate degree program. Students may take no more than seven years to complete a degree, beginning with the semester in which they complete their first course as a UW-Parkside degree-seeking graduate student, unless they apply for and receive an extension through the appropriate graduate program. Some programs

may impose a shorter time limit. To graduate, students must file a request for graduation. The request form, signed by the student's adviser and filed in the appropriate graduate program office, initiates the final review of the candidate's records. Students must also submit a Degree Summary Request Form/Application to Graduate to the Student Records Office. A one-time, non-refundable graduation fee must be submitted with the form. This form must be filed one semester prior to the semester of intended graduation.

Degree with Distinction

Students completing all requirements for the degree with a cumulative GPA of 3.83 or higher will be awarded the master's degree "with Distinction."

Transcripts

A transcript is an official record of a student's academic activity at a particular institution. It contains courses taken, grades received, and other academic data. UW-Parkside asks each student for transcripts from other colleges for admission purposes. Employers and other universities to which a student is transferring may request a copy of the UW-Parkside transcript. Sometimes they want the copy of the transcript mailed directly to them from UW-Parkside. To obtain a transcript of academic credits or to have one mailed to someone else, a student or former student should complete a transcript request form to the Student Records office. Written requests in letter form will also be honored if they include a printed name, the student's current address, Social Security number, dates of attendance and a delivery address. The request must be signed by the student and must include the appropriate fee. Under the Family Rights Amendment of 1974, The university must receive the student's written authorization to release the transcript, so it cannot respond to telephone requests. Transcripts are mailed where directed within five working days; for an additional charge, transcript requests will receive priority service (sent first-class mail within 24 hours of receipt of the request). Each student receives a free official transcript with the diploma upon graduation. A student may request unofficial transcripts at no cost at the Advising Center at any time after he/she registers for the first semester of course work.

Registration Changes

Adding a Course

A student may add any course for which he/she has the prerequisites during the first week of the semester. During the second week, appropriate courses may be added with the written consent of the instructor. Beginning with the third week, a course may not be added. The Registrar's Office will determine comparable deadlines for courses less than a semester in length.

Dropping a Course

A student may drop any full semester course during the first half of the semester. The Registrar's Office will determine comparable deadlines for courses less than a semester in length. After the deadline, a student may request permission to drop a course only for extraordinary, non-academic reasons. Before requesting per-

mission to drop, the student should discuss his/her circumstances with the instructor. Any such request must be submitted to the student's program office no later than the last day of instruction. The request must include a written explanation of the circumstances leading to the request. Requests will be reviewed periodically by the Graduate Studies Committee. Granting of requests by the Graduate Studies Committee is not automatic. A student should not assume that his/her request will be granted.

Retaking Courses

Graduate students may retake a course, but they will not receive additional credit if the course was passed previously. The grade received each time the course is taken will appear on the student's record. Only the most recent grade received at UW-Parkside will be used in calculating GPAs at UW-Parkside. Graduate students may not retake a course more than once. Graduate students may request that a course subsequently taken at another university be counted as a retake for a course previously taken at UW-Parkside. Such a request must be submitted to the appropriate program faculty at UW-Parkside. If they certify that such a course is equivalent to the course taken at UW-Parkside, the grade assigned to the course when taken at UW-Parkside will no longer be included in the computation of the student's UW-Parkside GPA. Graduate students who wish to take a course at another university and have it certified as equivalent to a UW-Parkside graduate course for purposes of improving their grade should seek such certification of equivalency before they register for the course.

Repeated Courses

This term refers to courses that may be taken a second or third time for additional credit.

Course Prerequisites

The catalog and the semester course schedule list prerequisites for many courses. These are intended to make sure that all students in the particular course have the knowledge and experience they need to benefit from it. Typical prerequisites include previous course work, concurrent registration, and instructor's consent. Students who lack the prerequisites but believe they have equivalent backgrounds should consult the instructor before enrolling. Students may enroll in any course for which they have completed the necessary prerequisites or obtained the consent of the instructor.

Grading Policies

The GPA of graduate students is calculated by determining the total number of quality points earned and dividing by the number of credits attempted. Grading notices are consistent with undergraduate policies except that grades in the D range are not awarded to graduate students. Consult the Programs and Policies section of this catalog for more information about grades and grading policies.

Grade Changes

A recorded grade will not normally be changed except for a demonstrated error on the part of the instructor or Registrar's Office. Grade changes require the approval of the instructor and the department chair. A grade assigned at another institution will not be deleted or changed at UW-Parkside.

Academic Warning

Graduate students whose GPA falls below 3.00 for all graduate work attempted in any semester will be given an academic warning at the end of that semester.

Academic Probation

Graduate students who have attempted 6 or more graduate credit hours at UW-Parkside and have a cumulative GPA below 3.00 for all graduate work attempted at UW-Parkside will be placed on academic probation. Students on academic probation whose cumulative GPA rises to 3.00 or higher will be removed from probation. In some cases students may be admitted to a graduate program on probation; these students will be removed from academic probation upon completion of 9 or more graduate credits with a cumulative GPA of 3.00 or higher.

Academic Drop Policy

Graduate students who are on academic probation will be dropped from the university under the following conditions:

1. If they have attempted 9 or more graduate credits at UW-Parkside while on probation and have not raised their cumulative GPA for all graduate work attempted at UW-Parkside to 3.00 or higher.
2. If their GPA for graduate work attempted in any semester (including a summer session) falls below 3.00. However, no students admitted on probation will be dropped until they have attempted at least 9 graduate credits at UW-Parkside, regardless of semester GPA.
3. If their academic performance falls below the requirements of the graduate program in which they are enrolled.
4. Any of the provisions above notwithstanding, students whose cumulative GPA falls below 2.00 will be dropped from the university. This provision does not require that students be on probation initially and does apply to students admitted on probation who have attempted fewer than 9 credits. Students who are dropped from the university may not be readmitted for one year.

Appeals Procedure for Academic Drop

Students who have been dropped from the university may file a written request for a waiver of the period of dismissal with the appropriate graduate program committee. The committee makes a recommendation through its dean to the graduate dean. Students may make an appeal to the Graduate Studies Committee and are entitled to appear before the committees on their own behalf. Appeals should be based on exceptional circumstances beyond the control of the student. Students who are readmitted on appeal will be placed on academic probation.

Readmission

Students who have been dropped must apply for readmission on the usual graduate application form. Programs may ask these applicants to take an examination such as the GMAT or GRE or furnish other credentials. Applicants for readmission must present evidence to the program that they are now likely to do satisfactory work. Readmitted students are subject to the requirements in effect at the time of their readmission.

Withdrawal from the University

A student may withdraw from the university during the first half of the semester. The Registrar's Office will determine comparable deadlines for courses less than a semester in length. After withdrawal, no record will be kept of a student's grade in his/her courses for that semester. After the deadline, a student may request permission to withdraw only for extraordinary, non-academic reasons. Any such request must be submitted to the student's program office. The request must include a written explanation of the circumstances leading to the request. Requests will be reviewed periodically by the Graduate Studies Committee. Granting of requests by the Graduate Studies Committee is not automatic. A student should not assume that his/her request will be granted.

Leave Status

Students who do not complete any graduate course within a period of 12 months will be dropped as a graduate student unless they apply for and are granted a leave of absence from graduate work. Dropped students or students exceeding the terms of their leave may apply for readmission to the graduate program.

Course Policies

The normal load for a full-time graduate student is 9 to 12 credits for the fall and spring semesters and 5 or 6 credits for the summer school. For students who work full time, no more than 6 credits in the fall and spring terms and 3 in the summer is advisable. Students enrolling for more than 12 credits during the academic year or 6 credits during summer school must receive prior approval from the appropriate graduate program director.

Waivers and Appeals

Students who wish to obtain a waiver or to appeal an interpretation of an academic regulation should first discuss the matter with the appropriate faculty member or the director of the appropriate graduate program. The graduate dean is also available for advice. To pursue the matter, students should then file a written request with the appropriate graduate program that approves program-specific requirements and recommends actions on others. The Graduate Studies Committee acts upon recommendations involving university-wide regulations or further appeals. Students are entitled to appear before the committee on their own behalf. Requests should be based on exceptional circumstances beyond the control of the student.

Graduate Course Numbering

The Graduate Studies Committee has adopted the following guidelines on course numbering, which parallel those of the undergraduate Course and Curriculum Committee where applicable: 0-299 Level I (freshman and sophomore); 300-499 Level II (junior and senior); 500-699 courses which carry graduate credit, but which can be paired with undergraduate courses. In cases in which both undergraduate and graduate courses meet together, dual numbering (slash courses) is permissible; 300 and 500 numbers and 400 and 600 numbers are commonly associated with each other. In these cases the faculty take care to ensure that their graduate course is appropriately demanding of its students (e.g., extra work demanded for graduate credit). Master's level graduate courses (700-799) are open to graduate students only.

Course Listings

To aid in advising and planning class schedules, each course description reflects its intended frequency of offering. Because programs may sometimes need to alter their schedules, students should consult their adviser and the current course schedule for the latest information.



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www.uwp.edu

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EMERITUS FACULTY

A

Leon Applebaum
Emeritus, Economics

B

Joseph S. Balsano
Emeritus, Biological Sciences

Frances E. Bedford
Emeritus, Music

Richard Brown
Emeritus, Business

John D. Buenker
Emeritus, History

C

John Campbell
Emeritus, Geography

G. Lynn Carlson
Emeritus, Chemistry

J. Kenneth Cashion
Emeritus, Chemistry

Chong-Maw Chen
Emeritus, Biological Sciences

Harold W. Coppock
Emeritus, Psychology

Arthur V. Corr
Emeritus, Accounting

D

Wayne E. Dannehl
Emeritus, Physical Education

Surinder P. Datta
Emeritus, Biological Sciences

James S. Dean
Emeritus, English

Arthur L. Dudycha
Emeritus, Quantitative Methods/Human Resource Management

Larry L. Duetsch
Emeritus, Economics

E

Frank N. Egerton
Emeritus, History

Robert E. Esser
Emeritus, Life Science

F

Walter T. Feldt
Emeritus, Engineering

Morris W. Firebaugh
Emeritus, Computer Science

Timothy V. Fossum
Emeritus, Computer Science

Gerald A. Fowler
Emeritus, Geology

M. Shirley Fraser
Emeritus, Chemistry

Richard G. Frecka
Emeritus, Physical Education

G

Eugene C. Gasiorkiewicz
Emeritus, Biological Sciences

Eugene M. Goodman
Emeritus, Biological Sciences

Stella C. Gray
Emeritus, English

Ben Greenebaum
Emeritus, Physics

Alan B. Grossberg
Emeritus, Applied Science and Physics

H

Rosemary Hunkeler
Emeritus, English

J

Rollin G. Jansky
Emeritus, Art

Wayne G. Johnson
Emeritus, Philosophy

K

Richard Keehn
Emeritus, Economics

M

Peter A. Martin
Emeritus, English

Andrew M. McLean
Emeritus, English

Rose Mary Moore
Emeritus, Teacher Education/Reading

William A. Moy
Emeritus, Computer Science

Frank F. Mueller
Emeritus, Music

John S. Murphy
Emeritus, Art

N

Clara New
Emeritus, Teacher Education

O

Jose Ortega
Emeritus, Spanish

P

Ronald M. Pavalko
Emeritus, Sociology

Samuel Pernacciaro
Emeritus, Political Science

William W. Petrie
Emeritus, Labor and Industrial Relations

R

Curtis W. Richards
Emeritus, Geography

Beecham R. Robinson
Emeritus, Communication

Richard E. Rosenberg
Emeritus, Economics

Michael A. Rotenberg
Emeritus, Mathematics

James Rovelstad
Emeritus, Marketing

S

Roman J. Schauble
Emeritus, English

Allan F. Schneider
Emeritus, Geology

Barbara Shade
Emeritus, Teacher Education

James H. Shea
Emeritus, Geology

Alan R. Shucard
Emeritus, English

A. Aaron Snyder
Emeritus, Philosophy

Constantine C. Stathatos
Emeritus, Spanish

Stephen L. Stephens
Emeritus, Physical Education

Akkinapalli Subbarao
Emeritus, Computer Science and Engineering

V

John F. Voza
Emeritus, Chemistry

W

Harry A. Walbruck
Emeritus, German

James E. Ward
Emeritus, Mathematics

Kenneth W. Weston
Emeritus, Mathematics

Anna Maria Williams
Emeritus, Biological Sciences

ACADEMIC CALENDAR

First Semester: Fall 2005

Registration and Advising August 22-September 2
 Labor Day September 5
 Instruction Begins September 7
 Thanksgiving Recess November 24-27
(Note: No classes begin after 4:30 p.m., November 23)
 Instruction Ends December 16
 Final Examinations December 17-23
 Commencement December 18

Winterim 2006

Instruction Begins January 3
 Instruction Ends January 14

Second Semester: Spring 2006

Registration and Advising January 9-13
 Martin Luther King Jr. Day January 16
 Instruction Begins January 17
 Spring Recess March 12-18
 Instruction Ends May 6
 Final Examinations May 8-13
 Commencement May 14

Summer 2006

Registration March - June
 Instruction Begins May 15
 Memorial Day Observed May 29
 Independence Day July 4
 Instruction Ends August 5

First Semester: Fall 2006

Registration and Advising August 21-September 1
 Labor Day September 4
 Instruction Begins September 5
 Thanksgiving Recess November 23-26
(Note: No classes begin after 4:30 p.m., November 22)
 Instruction Ends December 16
 Final Examinations December 18-23
 Commencement December 17

Winterim 2007

Instruction Begins January 2
 Instruction Ends January 13

Second Semester: Spring 2007

Registration and Advising January 8-12
 Martin Luther King Day January 15
 Instruction Begins January 16
 Spring Recess March 11-17
 Instruction Ends May 5
 Final Examinations May 7-12
 Commencement May 13

Summer 2007

Registration March - June
 Instruction Begins May 21
 Memorial Day Observed May 28
 Independence Day July 4
 Instruction Ends August 11

STATEMENT OF COMPLIANCE

Compliance with Government Policy

This catalog brings together for the information and convenience of both students and staff the academic regulations of the university. University policies and regulations are subject to continuous review by a variety of agencies and appropriate administrative and governance bodies of UW-Parkside. Thus, the provisions of this catalog are not an irrevocable contract between the students and UW-Parkside. The university reserves the right to change any provision or requirement at any time during the student's attendance. The university reserves the right to ask the student to withdraw for cause at any time.

The university provides additional information and policies in separate brochures and in the Student Guidebook. To implement the University of Wisconsin System student disciplinary procedures and the academic misconduct regulations (Chapters 17 and 14 of the Wisconsin Administrative Code), UW-Parkside has developed a set of procedures which is published in the Student Guidebook. Additional information is available on the university's website or may be secured from the Dean of Students, Wyllie Hall 340.

UW-Parkside does not discriminate on the basis of sex in the educational programs or activities it operates. The university policy not to discriminate in education programs and activities extends to employment therein and to admission thereto. This statement is published, in part, to fulfill the requirements of Title IX of the Higher Education Amendments of 1972 and Section 86.9 of Title 45 of the Code of Federal Regulations, the administrative regulations passed pursuant to Title IX. Inquiries concerning the application of Title IX and the administrative regulations may be directed to the Title IX Coordinator, Office of Equity and Diversity.

UW-Parkside does not discriminate against qualified individuals with disabilities in the recruitment and admission of students, the recruitment and employment of faculty and staff, and the operation of any of its programs and activities, as specified by applicable federal laws and regulations. The designated coordinator for university compliance with Section 504 of the Rehabilitation Act of 1973, as amended, and for the Americans with Disabilities Act is the coordinator of Disability Services.

Information required under the Higher Education Act of 1965, as amended, Title IV parts 668, 674, 675, 676, 682, 690, and 692 regarding, but not limited to, eligibility and criteria for receiving and availability of financial aid, rights and responsibilities of those receiving financial aid, standards of progress, terms of payment, repayment schedules for those receiving financial aid, conditions of employment related to financial aid, total educational costs of attending UW-Parkside and refund policies can be obtained from the Office of Student Financial Aid.

UW-Parkside veteran enrollment requirements and standards of progress information are available at the Office of the Registrar.

UW-Parkside is in compliance with the Family Educational Rights and Privacy Act of 1974 (as amended) in regards to the

right of students or their parents to review of the student's education record, correction of information from those records and limitation of disclosure of information contained in those records. Further details are published in the UW-Parkside course schedules. Forms authorizing institutional withholding of student records are available in the Office of Student Records.

The university is required to provide annually to every student and employee information concerning the university's policies on illicit drugs and alcohol. In compliance with the Drug-Free Schools and Communities Act amendments of 1989, UW-Parkside publishes and distributes this information annually. Additional information is available on the university's website or may be secured from the Dean of Students, Wyllie Hall 340.

In compliance with the Immigration and Nationality Act (P.L. 87-195), UW-Parkside publishes the following statement: "This school is authorized under federal law to enroll nonimmigrant alien students."

The University of Wisconsin System will provide and maintain adequate facilities for a safe and healthy learning environment. It is the university's responsibility to work with faculty and staff so that they are equipped to educate their students on practices and procedures that ensure safety for all members of the university. Employees with instructional responsibilities are expected to comply with state and federal safety laws and regulations in their institutional areas. Certain courses and research projects require that the student work with hazardous materials while engaging in academic studies. Instructors of these courses and research projects shall inform and train students on procedures that will maintain the students' personal health and safety and provide them with information on the hazards of specific chemicals that will be used during their course of study. Furthermore, instructors will enforce and follow safety policies. Prior to use of hazardous materials and equipment, the student shall review the procedures and information and discuss any associated concerns with the instructor.

The university is required through state statute (Assembly Bill 431) to share statistics with current students concerning crimes on campus and reported campus incidents of sexual assault and date rape. As required by law, this information is distributed during summer orientation. In addition, federal laws, Students Right to Know Law and the "Campus Security Act" requires the university to inform prospective as well as current students of similar crime statistics and information on student graduation rates. This information is distributed annually to students through the UW System Introduction and UW-Parkside's website.

Federal law allows the University of Wisconsin system to request and use your social security number (20 U.S.C., section 1232g). Disclosure of your social security number is voluntary. Applications received without it will be processed, and another form of student identifier number will be assigned. However, failure to provide the social security number may result in denial of services or benefits.

ART

Communication Arts 221 • 262-595-2581 • Keyword: *Art*

Degree Offered:

Bachelor of Arts.

Professors:

DeVinny, M.F.A.; Holmes, M.F.A. (Chair).

Associate Professors:

Bayuzick, M.F.A.; Goldsmith, M.F.A.

Assistant Professors:

Barber, M.F.A.; Baylor, M.F.A.; Chen, M.F.A.; Funkenstein, Ph.D.

Lecturer

Miller, M.A.

Student Organizations/Clubs:

The Art Club is the campus student organization that encourages a variety of student-directed events including a yearly student exhibit to foster a greater awareness and understanding of the visual arts.

Career Possibilities:

Graphic designer, production designer, package designer, web designer, animator, illustrator, typographer, art historian, museum or gallery professional, art conservator, arts administrator, architect, freelance artist, studio artist, and public and private school art teacher. The major also prepares students for graduate studies.

Department Overview

The Art Department at UW-Parkside offers a degree with three options: digital arts major, studio arts major or a general arts major. These emphasize a thorough background in the visual arts with well-rounded experiences in both two- and three-dimensional studies, as well as in art history and art criticism, and certification in art education is also available.

Art students work in well-equipped, uncrowded studios with a faculty seriously committed to quality teaching as well as to production, exhibition and publication in their own areas of professional specialization. Advanced art students may pursue concentrations in art education, crafts, ceramics, drawing, illustration, painting, printmaking, sculpture, interdisciplinary arts, animation and graphic design; the final two are taught in a modern computer laboratory. To complement the studio work, art history course offerings cover issues from prehistory to contemporary art. Exhibits in the Communication Arts Gallery and field trips each semester to galleries and museums in Milwaukee and Chicago complement the studio and classroom experience. Visiting artists and scholars add enrichment to the curriculum each year. Upon graduation, art majors may continue professionally in quality graduate programs or enter one of many career options. There are also minors in digital arts and studio arts as well as certificates in art history and museum studies.

Requirements for the Art Major

The art major consists of 45 to 62 credits, depending on which major option the student selects. All options include the three foundation courses plus the Basic Digital Skills course (students can be waived out of ART 099 if they show sufficient computer skills). Those interested in a specific concentration under either the digital arts major or the studio arts major must undergo a portfolio review after completion of the three foundation courses and the first course in their chosen concentrations. Art education certification students can apply for the concentration after the three foundation courses have been taken in addition to ART 271 (Introduction to Graphic Design). This requirement will be waived if the student receives an A or A- in all the aforementioned classes. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. All art majors must maintain a 2.75 grade point average in the major to remain in the program.

Options in the Art Major

A choice of directions of study are available to the art major: the general art major or a concentration within either digital arts or studio arts. Each is based on a series of quality foundation and introductory art courses, followed by course options that fit students' specific interests.

Core Curriculum for all Art Majors (30 credits)

Foundation Courses (9 credits)

ART 099	Basic Digital Skills	0 cr
ART 102	Introduction to 2-D Design	3 cr
ART 103	Introduction to 3-D Design	3 cr
ART 122	Introduction to Drawing	3 cr

Introductory Studio Courses (9 credits)

ART 231	Beginning Life Drawing*	3 cr
ART 251	Beginning Printmaking.	3 cr
ART 282	Beginning Painting.	3 cr

* Graphic design majors may substitute Art 322 (Intermediate Drawing) for ART 231.

Art History (12 credits)

ART 125	Ancient and Medieval Art.	3 cr
ART 126	Renaissance to Modern Art.	3 cr

plus 6 credits of upper division art history:

ART 343	Modern Art	3 cr
ART 345	From Pop Art to Now.	3 cr
ART 346	History of Design.	3 cr

ART 391/491 Special Topics in Art History 3 cr

Foundation and introductory courses (ART 099, 102, 103, 122, 125, 126, 231, 251, 282) must be completed before the student earns 60 credits.

General Art Option (45 credits)

In addition to the core curriculum requirements, the student selects 15 credits from the following studio courses, or their equivalents:

Additional Introductory Studio Courses (6 credits)

ART 236 Beginning Sculpture 3 cr
and one of the following:
ART 203 Beginning Ceramics 3 cr
ART 202 Beginning Fibers and Textiles 3 cr
ART 223 Beginning Art Metals 3 cr
ART 238 Beginning Woodworking and
Furniture Design 3 cr

For those desiring a general art major with a digital arts option, the student should take either:

ART 260 Introduction to Animation 3 cr
ART 271 Introduction to Graphic Design 3 cr

Note: Students need three additional studio courses (9 credits) at the upper-level with no more than two within a given studio concentration (animation, ceramics, crafts, drawing, graphic design, illustration, painting or printmaking). For a listing of course options refer to the course listings under a given concentration.

Concentrations in Art (59 - 62 credits)

The concentrations allow students a more rigorous studio experience. In the senior year, students develop a portfolio and present a senior exhibition or complete an internship. Requirements include the core curriculum, the general art option, and the following courses or their equivalents.

Aesthetics and Art Criticism (3 credits):

ART 461 Aesthetics and Art Criticism 3 cr

Capstone experience (5 credits)

ART 492 Senior Studio Seminar * 1 cr
ART 493 Senior Studio** 4 cr
or
ART 494 Art Internship 4 cr

* A once-a-week seminar to be taken the senior's final semester.

** The student must obtain departmental approval one semester in advance in order to register for this course. A senior exhibition or internship is a central component of the capstone experience.

Note: To be accepted with a specific concentration, the student must have a portfolio review of their work from the three foundation courses (ART 102, 103, 122) and the introductory class

in a chosen concentration or receive an A or A- in all four classes. Art education students may be reviewed after the three foundation classes are completed.

Digital Arts Major

The Digital Arts Major may choose from three concentrations (Animation, Graphic Design, and Illustration). These concentrations include courses in studio arts as well as digital arts, forming a holistic curriculum that offers diverse approaches to visual language.

To be accepted as a major in the following concentrations the student must have a portfolio review after completion of the foundation package (ART 102, 103, and 122) and ART 271 Introduction to Graphic Design for the graphic design concentration, ART 260 Introduction to Animation for the animation concentration or ART 273 Introduction to Illustration for the illustration concentration. The portfolio review will be waived for those who receive an A or A- in these classes.

The concentrations include the core requirements and the following courses or their equivalents:

One Painting Course (3 credits)

ART 282 Beginning Painting 3 cr
ART 283 Beginning Airbrush Painting 3 cr
ART 284 Beginning Watercolor 3 cr

One Additional Introductory 3-D Studio Courses (3 credits)

ART 202 Beginning Fibers and Textiles 3 cr
ART 203 Beginning Ceramics 3 cr
ART 223 Beginning Art Metals 3 cr
ART 236 Beginning Sculpture 3 cr
ART 238 Beginning Woodworking and
Furniture Design 3 cr

ANIMATION

Animation Requirements (18 credits):

ART 260 Introduction to Animation 3 cr
ART 261 Animation Analysis 3 cr

2-D Animation Sequence:

ART 362 2-D Animation 3 cr
ART 462 Advanced 2-D Animation 3 cr

plus six credits from the following:

ART 331 Intermediate Life Drawing 3 cr
ART 364 Digital Video 3 cr
ART 376 Computer Illustration 3 cr
ART 377 Web Design for Designers 3 cr
ART 479 Animation on the Web 3 cr
ART 490 Special Topics 3 - 6 cr
(must relate to animation)
ART 499 Independent Study 3 - 6 cr

or the two 3-D animation sequence courses (363 and 463)

3-D Animation Sequence:

ART 363 3-D Animation 3 cr

ART 463 Advanced 3-D Animation 3 cr

plus 6 credits from the following:

ART 236 Beginning Sculpture 3 cr

ART 364 Digital Video 3 cr

ART 377 Web Design for Designers 3 cr

ART 479 Animation on the Web 3 cr

ART 490 Special Topics 3 - 6 cr
(must relate to animation)

ART 499 Independent Study 3 - 6 cr

or the two 2-D animation sequence courses (362 and 462)

GRAPHIC DESIGN

Graphic Design Requirements (18 credits)

ART 271 Introduction to Graphic Design 3 cr

ART 372 Graphic Design 3 cr

ART 374 Typography 3 cr

plus 9 credits from the following:

ART 371 Digital Photography and Imaging 3 cr

ART 375 Package Design 3 cr

ART 376 Computer Illustration 3 cr

ART 377 Web Design for Designers 3 cr

ART 470 Advanced Animation 3 cr

ART 472 Advanced Graphic Design 3 cr

ART 474 Advanced Typography 3 cr

ART 475 Advanced Package Design 3 cr

ART 477 Advanced Web Design 3 cr

ILLUSTRATION

Illustration requirements (18 credits)

ART 273 Introduction to Illustration 3 cr

plus 15 credits from the following:

ART 371 Digital Photography and Imaging 3 cr

ART 373 Illustration 3 cr

ART 376 Computer Illustration 3 cr

ART 473 Advanced Illustration 3 cr

ART 476 Advanced Computer Illustration 3 cr

ART 499 Independent Study 3 cr

It is recommended that all digital arts majors take ART 346 History of Design as one of their upper-division art history options.

Minor in Digital Arts (21 credits)

This array of courses will allow the minor an opportunity to focus on digital arts to complete their minor in art.

ART 099 Basic Digital Skills 0 cr

ART 102 Introduction to 2-D Design 3 cr

ART 122 Introduction to Drawing 3 cr

and four of the following courses:

ART 260 Introduction to Animation 3 cr

ART 271 Introduction to Graphic Design 3 cr

ART 277 Introduction to Web Design 3 cr

ART 362 2-D Animation 3 cr

ART 373 3-D Animation 3 cr

ART 372 Graphic Design 3 cr

ART 374 Typography 3 cr

ART 376 Computer Illustration 3 cr

ART 377 Web Design for Designers 3 cr

And one of the following:

ART 100 Art Appreciation 3 cr

ART 125 Ancient and Medieval Art 3 cr

ART 126 Renaissance to Modern Art 3 cr

Studio Arts Major

Concentrations are also offered in each of the traditional fine art studio areas (ceramics, crafts, drawing, painting, printmaking, sculpture) as well as interdisciplinary art and art education. These studio concentrations stress rigorous creative work in an area of specialty complimented by courses in art history, art criticism and aesthetics.

Those seeking a studio concentration must have a portfolio review after completion of the foundation courses (ART 102, 103 and 122) and the beginning course in their chosen concentration. This portfolio review will be waived if the student receives an A or A- in each of these four classes. Students seeking an art major with a concentration in one of the studio areas must complete the core requirements, one discipline area, and the following courses:

Additional Introductory Studio Courses (6 credits)

ART 236 Beginning Sculpture 3 cr

plus 3 credits from the following:

ART 202 Beginning Fibers and Textiles 3 cr

ART 203 Beginning Ceramics 3 cr

ART 223 Beginning Art Metals 3 cr

ART 238 Beginning Woodworking and
Furniture Design 3 cr

Upper-level Studio (3 credits)

ART 322 Intermediate Drawing 3 cr

Aesthetics and Art Criticism (3 credits)

ART 461 Aesthetics and Art Criticism 3 cr

Capstone (5 credits)

ART 492 Senior Seminar 1 cr

ART 493 Senior Studio 4 cr

PAINTING

ART 282 Beginning Painting 3 cr

and the following 6 credits:

ART 382 Intermediate Painting 3 cr

ART 482 Advanced Painting 3 cr

plus six additional credits from the following:

ART 383 Intermediate Airbrush Painting 3 cr

ART 483 Advanced Airbrush Painting 3 cr

ART 384 Intermediate Watercolor 3 cr

- ART 484 Advanced Watercolor 3 cr
- ART 499 Independent Study in Painting 3 cr

PRINTMAKING

- ART 251 Beginning Printmaking 3 cr
- 6 credits of 300 level printmaking:

- ART 351 Intermediate Printmaking/Litho 3 cr
- ART 352 Intermediate Printmaking/Intaglio 3 cr
- or**
- ART 353 Intermediate Printmaking/Relief 3 cr

6 credits of 400 level printmaking:

- ART 451 Advanced Printmaking/Litho 3 cr
- ART 452 Advanced Printmaking/Intaglio 3 cr
- ART 453 Advanced Printmaking/Relief 3 cr
- ART 499 Independent Study in Printmaking 3 cr

DRAWING

- ART 231 Beginning Life Drawing 3 cr
- and 12 credits from the following:

- ART 331 Intermediate Life Drawing 3 cr
- ART 422 Advanced Drawing 3 cr
- ART 431 Figure Studio 3 cr

plus

- ART 499 Independent Study in Drawing 3 cr

SCULPTURE

- ART 236 Beginning Sculpture 3 cr
- and 12 credits from the following:

- ART 336 Intermediate Sculpture 3 cr
- ART 338 Intermediate Woodworking and Furniture Design 3 cr
- ART 436 Advanced Sculpture 3 cr
- ART 438 Advanced Woodworking and Furniture Design 3 cr
- ART 499 Independent Study in Sculpture 6 cr

CERAMICS

- ART 203 Beginning Ceramics 3 cr
- and 12 credits from the following:

- ART 303 Intermediate Ceramics-Vessel and Utilitarian Form 3 cr
- ART 304 Intermediate Ceramics-Sculptural Form 3 cr
- ART 403 Advanced Ceramics-Vessel and Utilitarian Form 3 cr
- ART 404 Advanced Ceramics- Sculptural Form 3 cr
- ART 499 Independent Study in Ceramics 3-6 cr

CRAFTS

Minimum of 6 credits from the following:

- ART 202 Beginning Fibers 3 cr
- ART 203 Beginning Ceramics 3 cr
- ART 223 Beginning Art Metals 3 cr

- ART 238 Beginning Woodworking and Furniture Design 3 cr

plus 6 credits from:

- ART 302 Intermediate Fibers and Textiles 3 cr
- ART 303 Intermediate Ceramics-Vessels and Utilitarian Form 3 cr
- ART 323 Intermediate Art Metals 3 cr
- ART 338 Intermediate Woodworking and Furniture Design 3 cr

plus 3 credits from:

- ART 402 Advanced Fibers and Textiles 3 cr
- ART 403 Advanced Ceramics-Vessels and Utilitarian Form 3 cr
- ART 423 Advanced Art Metals 3 cr
- ART 438 Advanced Woodworking and Furniture Design 3 cr

INTERDISCIPLINARY ART

The interdisciplinary art concentration allows students a broader studio experience and the opportunity to present a senior exhibition. Requirements for this option include the core curriculum (30 credits) and the basic curriculum for the studio arts concentrations (17 credits). In addition the student takes an additional 9 credits (three courses) at the 300 level and at least 3 credits (one course) at the 400 level.

Those choosing an interdisciplinary art concentration can seek a portfolio review for admission after completing the foundation courses and any beginning 200-level class.

Teacher Education - Art (62 credits)

In order to be licensed to teach art in Wisconsin public schools at either the elementary or secondary level, the art major must complete a minimum of 35 credits in professional education and methods courses, which includes 12 credits of supervised teaching. In addition to the requirements of the Teacher Education Department, the art major seeking certification must complete the following methods courses:

- ART 341 Art Education: Philosophical and Psychological Bases 3 cr
- ART 342 Art Education: Curriculum and Instruction 3 cr

In addition to the core art major requirements (30 credits) and the basic curriculum for the studio arts concentrations, the student must complete the following courses to satisfy certification requirements:

- ART 203 Beginning Ceramics 3 cr
 - ART 236 Beginning Sculpture 3 cr
 - ART 271 Introduction to Graphic Design 3 cr
- and either:
- ART 202 Beginning Fibers and Textiles 3 cr
 - ART 223 Beginning Art Metals 3 cr

UNDERGRADUATE PROGRAMS

Plus 3 additional credits of 300-level course work in the digital arts area and 3 additional credits in the studio arts area at the 300 level.

The art education student needs to complete the capstone course sequence before student teaching:

ART 461	Aesthetics and Art Criticism	3 cr
ART 492	Senior Seminar	1 cr
ART 493	Senior Studio	4 cr

The student seeking teacher licensure in art should be aware that the course of study might take more than four years.

For further information about certification in teacher education, contact the Teacher Education adviser 262-595-2100 or the art education coordinator 262-595-2113.

Minor in Art (21 credits)

The basic objective of the art minor is to provide students from any area of study with the opportunity for a fundamental introduction to the field of visual art. To accomplish this, the student must complete 21 credits consisting of the following courses or their equivalents:

ART 102	Introduction to 2-D Design	3 cr
ART 103	Introduction to 3-D Design	3 cr
ART 122	Introduction to Drawing	3 cr

3 credits from:

ART 231	Beginning Life Drawing	3 cr
ART 251	Beginning Printmaking	3 cr
ART 282	Beginning Painting	3 cr

6 credits from:

ART 202	Beginning Fibers and Textiles	3 cr
ART 203	Beginning Ceramics	3 cr
ART 223	Beginning Art Metals	3 cr
ART 236	Beginning Sculpture	3 cr
ART 238	Beginning Woodworking and Furniture Design	3 cr

plus one art history/appreciation course:

ART 100	Art Appreciation	3 cr
ART 125	Ancient and Medieval Art	3 cr
ART 126	Renaissance to Modern Art	3 cr

Art History Certificate

The art history certificate permits students to study visual culture with a distinct emphasis on how aesthetics engage fundamental issues in politics, society, and culture. This certificate is not intended for those who are majoring in art. Students must maintain a 3.0 GPA in the following courses to receive the art history certificate.

Required Courses (6 credits):

ART 125	Ancient and Medieval Art	3 cr
ART 126	Renaissance to Modern Art	3 cr

plus three courses beyond the 100 level from the following (9 credits):

ART 343	Modern Art	3 cr
ART 345	From Pop Art to Now	3 cr
ART 346	History of Design	3 cr
ART 461	Aesthetics and Art Criticism	3 cr
ART 291/ 391/491	Special Topics in Art History	3 cr

one class may be substituted from the following options:

COMM 435	Understanding Advertising Messages	3 cr
ENGL 252	Introduction to Film	3 cr
ENGL 258	History of Film to 1950	3 cr
ENGL 259	History of Film from 1950	3 cr
HIST 320	Germany 1848 to the Present	3 cr
SOCA 208	Introduction to Archaeology	3 cr
SOCA 227	North American Indians	3 cr

Additional courses may also count toward completion of the art history certificate. These courses will be determined on a semester-by-semester basis. Please see the program coordinator for more information.

Museum Studies Certificate

A certificate in museum studies is also available. Please see the museum studies section of the catalog for more information.

Pre-Architecture

Students transferring to the University of Wisconsin-Milwaukee in order to pursue a major in architecture must have taken a minimum of 24 credit hours and must have a GPA of no less than 2.50. Because admission into the architecture major is highly competitive, students should understand that those admitted to the program will have a GPA that is higher than 2.50. While a minimum of 24 credit hours is needed to transfer, students are advised to take no more than 40 credit hours prior to transferring to the University of Wisconsin-Milwaukee. Within the 24-40 hour window, the following courses are especially appropriate for students considering the architecture major:

ART 103	Introduction to 3-D Design	3 cr
ART 122	Introduction to Drawing	3 cr
ART 125	Ancient and Medieval Art	3 cr
ART 126	Renaissance to Modern Art	3 cr
COMM 105	Public Speaking	3 cr
ENGL 101	Composition and Reading	3 cr
ENGL 201	Advanced Composition	3 cr
GEOG 110	Introduction to Geography – World Regions	3 cr
MATH 113	Trigonometry	2 cr
PHYS 105	College Physics I	5 cr

Course work in geosciences or physical geography is highly recommended. It is also recommended that students satisfy their foreign language requirement prior to transferring to the University of Wisconsin-Milwaukee.

Special Policies

Art majors, whether general or within a concentration, must have a minimum of a 2.75 GPA in their major in order to graduate with their degree in art.

Field trips to local and regional art centers may be required as partial fulfillment of any particular art course.

The Art Department reserves the right to retain selected examples of student work completed in studio courses or photographic images of work for educational, promotional, or exhibition purposes.

Studio fees may be required for certain courses to cover basic material expenses.

The Art Department faculty values the learning experience in the classroom and has a specific policy pertaining to absenteeism. Regular attendance in class is absolutely mandatory and unexcused absences will affect the student's grade.

Failure to successfully complete a portfolio review may jeopardize a student's ability to register for 400-level classes and to graduate in a given concentration in the digital or studio arts majors.

Courses in the Art Department may be audited only with approval of the instructor.

Courses in Art (ART)

- 099 Basic Digital Skills**0 cr
Prereq: None. Freq: Fall, Spring.
 A three-phased class to acquire essential computer skills and develop basic computer competency in both vector-based and raster-based software such as Adobe Illustrator and Photoshop (art students may be exempt if they demonstrate proven skills with such programs).
- 100 Art Appreciation**3 cr
Prereq: None. Freq: Fall, Spring.
 Introduction to the visual language through an exploration of the functions, styles, themes, and the elements that make art; includes exhibition attendance. (Does not count toward art major.)
- 102 Introduction to Two-Dimensional Design**.....3 cr
Prereq: None. Freq: Fall, Spring.
 Exploration of the visual language used in two-dimensional design, emphasizing the fundamental elements and principles of composition and color through lecture and studio problems. Lab fee.
- 103 Introduction to Three-Dimensional Design**3 cr
Prereq: None. Freq: Fall, Spring.
 Exploration of the visual language used in three-dimensional design emphasizing the fundamental elements and principles through lecture and studio problems in a variety of sculptural processes. Lab fee.
- 122 Introduction to Drawing**3 cr
Prereq: None. Freq: Fall, Spring.
 Exploration of the media and process of drawing to develop a visual language for representing visual imagery and cultivating perceptual and conceptual awareness. Lab fee.
- 125 Ancient and Medieval Art**.....3 cr
Prereq: None. Freq: Fall.
 A survey of art history from the prehistoric to the medieval eras with a western art emphasis. Development of the student's critical abilities will be stressed.
- 126 Renaissance to Modern Art**.....3 cr
Prereq: None. Freq: Spring.
 A survey of western art history from the renaissance to modern eras. Development of the student's critical abilities will be stressed.
- 200 Art in Elementary Education Theories**3 cr
Prereq: TEDU 210 or 215 or consent of instructor. Freq: Spring.
 Lecture and discussion about art as it pertains to the child, individual and society. Art's elements, functions and theories will be explored in relationship to a child's perceptual and cognitive growth.
- 202 Beginning Fibers and Textiles**3 cr
Prereq: ART 102 or 103. Freq: Spring.
 An introduction to the fundamental aesthetic concepts and technical methods emphasizing the historical development of fibers and textiles. Lab fee.
- 203 Beginning Ceramics**.....3 cr
Prereq: ART 103. Freq: Fall.
 An introduction to the fundamental aesthetic concepts and technical methods of creating works in clay emphasizing historical and contemporary developments of ceramics. Students will be exposed to the basics of ceramics in wheel throwing, hand building, glazing and firing. Lab fee.
- 223 Beginning Art Metals**.....3 cr
Prereq: ART 103 or consent of instructor. Freq: Fall.
 An introduction into the fundamental aesthetic concepts and technical methods of metalsmithing emphasizing the historical development of art metals. Lab fee.
- 231 Beginning Life Drawing**.....3 cr
Prereq: ART 122. Freq: Fall, Spring.
 An introduction to the human form in a variety of media, emphasizing structural, anatomical, and expressive analysis. Lab fee.
- 236 Beginning Sculpture**.....3 cr
Prereq: ART 103 and 122. Freq: Spring.
 An exploration of both historical and contemporary developments in sculpture emphasizing fundamental aesthetic concepts and technical methods. Students are directed through three basic techniques: reduction, addition, and casting. Lab fee.
- 238 Beginning Woodworking and Furniture Design**.....3 cr
Prereq: ART 103 or consent of instructor. Freq: Spring.
 Introduction into the craft of woodworking as it specifically relates to the art of furniture making. Both functional and aesthetic considerations will be explored as well as the history of furniture over the centuries. Lab Fee.

UNDERGRADUATE PROGRAMS

- 251 Beginning Printmaking**.....3 cr
Prereq: ART 102 and 122. Freq: Fall, Spring.
 An introduction to three technical processes including relief, intaglio, and lithographic printmaking. Emphasis on fundamental aesthetic concepts, technical methods, and the historical development of the original print. Lab fee.
- 260 Introduction to Animation**.....3cr
Prereq: ART 099, 102, 103 and 122. Freq: Fall, Spring.
 Introductory course in the basics of kinetic images emphasizing traditional and contemporary computer-aided approaches. Focus on storyboarding, rotoscoping, basic animation techniques and sound design.
- 261 Animation Analysis**.....3 cr
Prereq: ART 102 and 122. Freq: Spring.
 Wide range of independent and commercial animations are interpreted and critiqued with emphasis on storytelling, timelines, believability, design and animation history.
- 271 Introduction to Graphic Design**.....3 cr
Prereq: ART 099, 102 and 122 or consent of instructor. Freq: Fall, Spring.
 An introduction to the visual language and historical development of graphic design and typography emphasizing fundamental aesthetic concepts and technical methods.
- 273 Introduction to Illustration**.....3 cr
Prereq: ART 099, 102, 122. Freq: Fall.
 An introductory class dedicated to the diverse techniques and ideas found in the field of illustration. Traditional painting and drawing media as well as computer technology will be used. The history of the illustrative image will also be addressed.
- 277 Introduction to Web Design**..... 3 cr
Prereq: ART 099, ART 102, CSCI 105 or consent of instructor. Freq: Fall, Spring
 Basic image design and preparation specifically for the interactivity needed for the Internet. The student gains working knowledge of web terminology and concepts.
- 282 Beginning Painting**.....3 cr
Prereq: ART 102 and 122. Freq: Fall, Spring.
 An introduction to the aesthetic, technical and thematic dimensions of painting as a fundamental visual language of expression from both traditional and contemporary perspectives, using a variety of painting media. Lab fee.
- 283 Beginning Airbrush Painting**3 cr
Prereq: None. Freq: Occasionally.
 A comprehensive introduction to the fundamentals of airbrush painting from a fine art perspective, covering basic aesthetic concepts and technical skills. Lab fee.
- 284 Beginning Watercolor**3 cr
Prereq: ART 102 and 122. Freq: Occasionally.
 An introduction to the visual language and historical development of watercolor painting emphasizing fundamental aesthetic concepts and technical methods.
- 290 Special Topics in Art**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in the visual arts and their interrelationship will be studied. Possible lab fee.
- 291 Selected Topics in Art History**.....1-4 cr
Prereq: ART 100, 125, 126, or consent of instructor. Freq: Occasionally.
 In-depth studies in art history as it may pertain to different cultures, selected periods or groups of artists. May be repeated for credit with different topic.
- 302 Intermediate Fiber and Textiles**.....3 cr
Prereq: ART 202. Freq: Spring.
 In-depth exploration of concepts relating to the processes of fibers and textiles. Lab fee.
- 303 Intermediate Ceramics - The Vessel and Utilitarian Form**.....3 cr.
Prereq: ART 203 Freq: Fall.
 Introduction to the fundamental aesthetic concepts and technical processes involved in creating vessels as fine craft and/or utilitarian form. Various firing methods will be addressed. Lab fee.
- 304 Intermediate Ceramics - The Sculptural Form**.....3 cr
Prereq: ART 203. Freq: Spring.
 Introduction to the essentials of creating sculptural form in ceramics stressing aesthetic, technical and conceptual development. Various firing methods will be addressed. Lab fee.
- 322 Intermediate Drawing**.....3 cr
Prereq: ART 231 or consent of instructor. Freq: Spring.
 An in-depth exploration of the formal and conceptual possibilities of the drawn mark as a visual language incorporating historical references both traditional and contemporary. Lab fee.
- 323 Intermediate Art Metals**.....3 cr
Prereq: ART 223. Freq: Fall.
 In-depth investigation of concepts relating to metalsmithing technology including historical and contemporary references. Lab fee.
- 331 Intermediate Life Drawing**.....3 cr
Prereq: ART 231. Freq: Fall, Spring.
 A comprehensive investigation of the human form using diverse media with an emphasis on structural, anatomical, and personal expressive analysis. Lab fee.
- 336 Intermediate Sculpture**.....3 cr
Prereq: ART 236. Freq: Spring.
 Further exploration of aesthetic concepts and technical methods used in sculpture while selecting from an expanded range of processes embracing fabrication, carving and casting. Lab fee.
- 338 Intermediate Woodworking and Furniture Design**.....3 cr
Prereq: ART 238 or consent of instructor. Freq: Spring.
 Further exploration of design concepts in addition to the introduction of alternative joinery methods and materials as they relate to the craft of furniture making. Lab fee.

- 341 Art Education Philosophical and Psychological Bases**3 cr
Prereq: ART 125 and 126, reading and writing skills required.
Freq: Alternate Falls.
 A comprehensive study of the foundations upon which art education rests, addressing both historical roots as well as contemporary directions.
- 342 Art Education - Curriculum and Instruction**3 cr
Prereq: ART 341, reading and writing skills required.
Freq: Alternate Springs.
 Exploration of the principles and procedures for implementing a comprehensive art education program at different levels and with different groups.
- 343 Modern Art**.....3 cr
Prereq: ART 125, 126, or consent of instructor, reading and writing skills required. Freq: Fall.
 Examines artists, movements, and themes in art history from 1860 to 1960 within their cultural, political, and social contexts.
- 345 From Pop Art to Now**.....3 cr
Prereq: ART 125, 126, or consent of instructor, reading and writing skills required. Freq: Spring.
 Explores art trends from 1960 to the present, including developments in global postmodernism.
- 346 History of Design**3 cr
Prereq: ART 125, 126, or consent of instructor, reading and writing skills required. Freq: Occasionally.
 Explores developments in design history from the mid-19th century to the present, with a focus on furniture, fashion and graphic design.
- 351 Intermediate Printmaking - Lithography**3 cr
Prereq: ART 251. Freq: Fall.
 Study of the aesthetic and technical principles of printmaking focusing on lithography, both stone and plate. Lab fee.
- 352 Intermediate Printmaking - Intaglio**3 cr
Prereq: ART 251. Freq: Spring.
 Study of the aesthetic and technical principles of printmaking focusing on the intaglio processes: etching, engraving, drypoint, aquatint, and softground. Lab fee.
- 353 Intermediate Printmaking - Relief**3 cr
Prereq: ART 251. Freq: Spring.
 Study of the aesthetic and technical principles of printmaking focusing on the relief processes: woodcut, wood engraving, linocut, and relief collagraph. Lab fee.
- 362 2-D Animation**3 cr
Prereq: ART 231, 260 and 261. Freq: Spring.
 Traditional hand-drawn techniques as well as paperless animation are investigated. Various output mediums are explored for broadcasting, gaming, film, and web markets.
- 363 3-D Animation**3 cr
Prereq: ART 260 and 261. Freq: Fall.
 Computer animation stressing physics of motion, lighting design, volume, believability, and spatial relation. Output for broadcasting, gaming, film, and web markets.
- 364 Digital Video**.....3 cr
Prereq: ART 260 or consent of instructor. Freq: Every third semester.
 Emphasis on storytelling through video, sound design, and manipulating footage using industry-standard digital editing software. Output for broadcasting, CD, DVD, and web markets.
- 371 Digital Photography and Imaging**.....3 cr
Prereq: ART 099, 102, 122 or consent of instructor.
Freq: Occasionally
 An investigation into digital imaging using cameras, scanners and software to develop skills in pixel-based photographic design and printing.
- 372 Graphic Design**.....3 cr
Prereq: ART 271. Freq: Spring.
 A further development of two-dimensional design concepts as they relate to the professional design field.
- 373 Illustration**3 cr
Prereq: ART 122. Freq: Occasionally.
 Exploration of the illustrative tradition that combines visual communication with individual expression while developing technical and conceptual skills.
- 374 Typography**.....3 cr
Prereq: ART 271. Freq: Fall.
 An introduction to the visual language of type including historical reference, typographical classification and measurement systems, and the aesthetic/technical syntax of typography.
- 375 Package Design**3 cr
Prereq: ART 103, 271. Freq: Spring.
 An investigation into the fundamentals of package design, marketing and promotion along with an analysis of contemporary packaging.
- 376 Computer Illustration**.....3 cr
Prereq: ART 271. Freq: Occasionally.
 An exploration of a contemporary approach to illustration, combining traditional media with the computer to develop individual expression.
- 377 Web Design for Designers**3 cr
Prereq: ART 277. Freq: Spring.
 An exploration of the modern field of web design from a graphic designer's viewpoint comprising the conceptual and aesthetic approach to web design including both static and dynamic forms.
- 382 Intermediate Painting**3 cr
Prereq: ART 282. Freq: Fall, Spring.
 Continued aesthetic and technical exploration of the painted image involving a variety of media. Lab fee.
- 383 Intermediate Airbrush Painting**3 cr
Prereq: ART 283. Freq: Occasionally.
 Further exploration of airbrush technique, using both single and double-action airbrushes, with an emphasis on the development of more creative aesthetic concepts. Lab fee.

- 384 Intermediate Watercolor**3 cr
Prereq: ART 284. Freq: Occasionally.
 Further investigation of the watercolor media stressing aesthetic, technical and conceptual objectives.
- 390 Special Topics in Art**.....1-4 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in the visual arts and their interrelationship will be studied at the intermediate level.
- 391 Special Topics in Art History**.....1-4 cr
Prereq: ART 100, 125, 126 or consent of instructor. Reading and writing skills required. Freq: Occasionally
 In-depth studies in art history as it pertains to different themes, cultures, selected periods or groups of artists. May be repeated for credit with different topics.
- 403 Advanced Ceramics - The Vessel and Utilitarian Form**.....3 cr
Prereq: ART 303. Freq: Fall.
 Extended work in ceramic processes, with emphasis placed on creating pottery and hand built vessel forms. Functional nature of the object is optional. Lab fee.
- 404 Advanced Ceramics - The Sculptural Form**3 cr
Prereq: ART 304. Freq: Spring
 Extended work in ceramic processes, with an emphasis placed on creation of sculptural form (abstract or figurative) stressing aesthetic, technical and conceptual considerations. Lab fee.
- 402 Advanced Fibers and Textiles**3 cr
Prereq: ART 302. Freq: Spring.
 Emphasis on a more independent exploration of the concepts and technology involved in fibers and textiles. Lab fee.
- 422 Advanced Drawing**.....3 cr
Prereq: Art 322. Freq: Spring.
 A focused in-depth exploration of the aesthetic technical and thematic possibilities of the drawn mark, with emphasis on the development of the student's personal vision. Lab fee.
- 423 Advanced Art Metals**.....3 cr
Prereq: ART 323. Freq: Fall.
 Emphasis on a more independent exploration of the metal-smithing technology. Lab fee.
- 431 Figure Studio**3 cr
Prereq: ART 331. Freq: Fall, Spring.
 An experimental exploration of the human form with an expressive focus in a variety of media and with an emphasis on more individualized technical and aesthetic development. Lab fee.
- 436 Advanced Sculpture**.....3 cr
Prereq: ART 336. Freq: Fall, Spring.
 Emphasis on in-depth exploration of one or more recommended sculptural processes in relation to an individualized aesthetic point of view. Lab fee.
- 438 Advanced Woodworking and Furniture Design**.....3 cr
Prereq: ART 338. Freq: Spring
 In depth investigation of personal design aesthetic as it may relate to the materials and construction methods of furniture making. Lab fee.
- 451 Advanced Lithography**3 cr
Prereq: ART 351. Freq: Fall, Spring.
 Advanced research in both stone and plate lithography. Use of color and experimental lithographic processes as they relate to the student's personal aesthetic will be encouraged. Lab fee.
- 452 Advanced Intaglio**3 cr
Prereq: ART 352. Freq: Fall, Spring.
 Advanced research in the intaglio medium. Use of color and experimental intaglio processes as they relate to the student's personal aesthetic will be encouraged. Lab fee.
- 453 Advanced Relief**3 cr
Prereq: ART 353. Freq: Fall, Spring.
 Advanced research in the relief medium. Use of color and experimental relief processes as they relate to the student's personal aesthetic will be encouraged. Lab fee.
- 461 Aesthetics and Art Criticism**3 cr
Prereq: ART 343 or 345, reading and writing skills required or consent of instructor. Freq: Alternate years.
 A comprehensive survey of major historical and contemporary theories of art, as well as in-depth study of principles and techniques of art criticism.
- 462 Advanced 2-D Animation**3 cr
Prereq: ART 362. Freq: Spring.
 Further investigation of kinetic imaging stressing aesthetic, technical and conceptual objectives using traditional and contemporary approaches. Preparatory work toward making a short animated film.
- 463 Advanced 3-D Animation**3 cr
Prereq: ART 363. Freq: Fall.
 Advanced approaches to motion, lighting design and spatial relationships as well as modeling considering aesthetic, technical and conceptual objectives. Preparatory work toward making a short animated film.
- 472 Advanced Graphic Design**.....3 cr
Prereq: ART 372. Freq: Spring.
 Advanced research in design problems of a complex nature using a broad range of design approaches.
- 473 Advanced Illustration**3 cr
Prereq: ART 373 or 376. Freq: Occasionally.
 Advanced problems in illustration concentrating on process, communication, technical skills, and with an emphasis on contemporary professional development.
- 474 Advanced Typography**.....3 cr
Prereq: ART 374. Freq: Fall.
 Advanced problems in typography with a continuing exploration of the aesthetic/technical issues of type as individual letter forms and as text.
- 475 Advanced Package Design**.....3 cr
Prereq: Art 375. Freq: Spring.
 Advanced problems in package design incorporating logo identity, advertising, display and promotion.

- 476 Advanced Computer Illustration**.....3 cr
Prereq: ART 271 and 373 or 376. Freq: Occasionally.
 Advanced problems in illustration taking a contemporary approach and combining traditional media with the computer to develop individual expression.
- 477 Advanced Web Design for Designers**3 cr
Prereq: Art 377. Freq: Occasionally.
 Advanced problems in web design from a designer's viewpoint comprising the conceptual and aesthetic approach to web design including both static and dynamic forms.
- 469 Animation on the Web**.....3 cr
Prereq: ART 260 and 377. Freq: Every third semester.
 Exploration of motion graphics that are specifically used in the creation of dynamic web designs.
- 482 Advanced Painting**3 cr
Prereq: ART 382. Freq: Fall, Spring.
 In-depth exploration of individual problems in painting using a variety of media.
- 483 Advanced Airbrush Painting**3 cr
Prereq: ART 383. Freq: Occasionally.
 A comprehensive introduction to advanced creative problems in airbrush painting from a fine art perspective covering more challenging and contemporary aesthetic concepts and technical skills. Lab fee.
- 484 Advanced Watercolor** 3 cr
Prereq: ART 384. Freq: Occasionally.
 Advanced problems in watercolor painting. Continued investigation and experimentation in traditional and non-traditional imagery.
- 490 Special Topics in Art**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in art will be studied.
- 491 Special Topics in Art History**.....1-4 cr
Prereq: ART 100, 125, 126, or consent of instructor. Freq: Occasionally.
 In-depth studies in art history as it may pertain to different themes, cultures, selected periods or groups of artists. May be repeated for credit with different topics.

- 492 Senior Studio Seminar**1 cr
Prereq: Senior standing. Freq: Fall, Spring.
 Weekly seminar sessions focusing on the artist's profession with discussion of personal and aesthetic goals, exhibition preparation, photographic documentation, career options, and the business of art.
- 493 Senior Studio**4 cr
Prereq: Senior standing, department approval. Freq: Fall, Spring.
 Rigorous, self-generated studio experience, focusing on the creation of a significant body of work as a culmination of the student's undergraduate education in the visual arts. Lab fee may apply.
- 494 Art Internship**.....1-4 cr
Prereq: Art major, junior standing. Freq: Fall, Spring.
 Practical experience in studio and curatorial situations in business, industry, and museums. Joint supervision by faculty member and organization representative.
- 499 Independent Study**1-4 cr
Prereq: Consent of instructor and department chair. Lab fee may apply. Freq: Fall, Spring, Summer.
 Special projects selected by student and approved instructor. Includes a detailed project proposal.

Graduate Courses

- 690 Special Topics**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in art will be studied.
- 699 Independent Study**1-3 cr
Prereq: Consent of instructor and department chair. Freq: Occasionally.
 Special projects selected by student and approved instructor. Includes a detailed project proposal.

ARTS MANAGEMENT

Greenquist 201 • 262-595-2249 • Keyword: *Arts Management*

Degree Offered:

None. A minor and certificate in arts management are offered.

Coordinator:

Karp, M.A. See listings under the appropriate department for faculty.

Program Overview

Arts Management is an interdisciplinary program that draws upon business, communication, and arts programs to provide a basic preparation for a position in a cultural organization or business. Its goal is to provide students in art, dramatic arts, communication, music and other interested students with a sound business framework to complement work in the arts and thus equip them to pursue careers in arts management.

Internships

An internship in arts management is required, allowing students to gain practical experience working in a campus or community arts organization.

Requirements for Arts Management Minor (24 credits)

A. Required Courses (minimum of 16 credits)

ACCT 201	Financial Accounting	3 cr
ARMA 346	Managing Arts and Cultural Organizations	3 cr
ARMA 347	Studies in Arts Marketing	2 cr
ARMA 494	Arts Management Internship	3-6 cr
ARMA 495	Seminar in Arts Management	2 cr
COMM 326	Marketing Communication and Society	3 cr
or		
MKT 350	Introduction to Marketing	3 cr

B. Electives (6-8 credits)

ARMA 495	Seminar in Arts Management	2 cr
ART 271	Introduction to Graphic Design*	3 cr
ART 492	Senior Studio Seminar	1 cr
COMM 105	Public Speaking	3 cr
COMM 202	Group Problem Solving	3 cr
COMM 250	Media Message Design	3 cr
COMM 285	Conflict Mediation	3 cr
COMM 303	Organizational Communication**	3 cr
COMM 305	Public Relations and Society	3 cr
CSCI 106	Computer Productivity Tools*	3 cr
CSCI 120	Computer Tools for Multimedia Design	3 cr
THEA 495	Senior Seminar	3 cr
HRM 343	Personnel Administration	3 cr
MGT 349	Organizational Behavior**	3 cr
MGT 447	Management Techniques	3 cr

MIS 320	Management Information Systems	3 cr
MKT 358	Promotional Management	3 cr
MUS 395	Music Business Seminar	2 cr

* These courses have prerequisites.
 ** Student may not take both COMM 303 and MGT 349 for credit toward the arts management minor.

Requirements for Arts Management Certificate (19 credits)

ACCT 201	Financial Accounting	3 cr
ARMA 346	Managing Arts and Cultural Organizations	3 cr
ARMA 347	Studies in Arts Marketing	2 cr
ARMA 494	Arts Management Internship*	3-6 cr
ARMA 495	Seminar in Arts Management	2 cr
COMM 326	Marketing Communication and Society	3 cr
or		
MKT 350	Introduction to Marketing	3 cr
MGT 349	Organizational Behavior	3 cr

* May be waived if the student is currently employed in an arts organization.

COURSES IN ARTS MANAGEMENT (ARMA)

346 Managing Arts and Cultural Organizations 3 cr
Prereq: None. Freq: Every third semester.

A study of the duties and required skills of managers of visual and performing arts organizations. Areas of study include structure of arts organizations, planning, programming, staffing, budgeting, and marketing with an emphasis on fundraising, board development and volunteer management. Assignments and projects geared toward students' specific needs and interests.

347 Studies in Arts Marketing 2 cr
Prereq: Junior standing, MKT 350 or COMM 326 or concurrent registration, and consent of instructor.
Freq: Every third semester.

A study of marketing challenges facing arts organizations and the role of marketing personnel within these organizations. Through research, case studies and development of a marketing plan, students will discuss and evaluate a variety of marketing problems and solutions. Topics include marketing research, promotions, media relations, corporate and media sponsorship and audience development as well as marketing issues faced by independent artists and performers.

UNDERGRADUATE PROGRAMS

390 Special Topics in Arts Management.....1-3 cr*Prereq: None. Freq: Occasionally.*

Selected topics in the field of arts management will be explored through speakers, case studies, and/or field trips.

490 Special Topics in Arts Management.....1-3 cr*Prereq: None. Freq: Occasionally.*

Selected topics in the field of arts management will be explored through speakers, case studies, and/or field trips.

494 Arts Management Internship.....1-3 cr*Prereq: Junior standing and consent of instructor.**Freq: Fall, Spring.*

Students gain practical experience working in a campus or community arts organization. They will have joint supervision by a faculty member and an organization representative. May be repeated for a maximum of 6 credits with a maximum of only 3 credits for each placement.

495 Seminar in Arts Management2 cr*Prereq: Junior standing and consent of instructor.**Freq: Every third semester.*

A study of the topics, trends and career options in the field of arts administration. Working professionals will explore with students issues they face in their occupations. A variety of topics include the role of arts institutions in society, cultural planning and the role of the arts in community development, leadership, public and private support of the arts, ethical issues in fundraising, marketing challenges in the 21st century, use of computer technology and future trends in the field. Students will develop personal career plans.

499 Independent Study1-3 cr*Prereq: Consent of Instructor. Freq: Occasionally.*

Students will design course content in consultation with instructor.

BIOLOGICAL SCIENCES

Greenquist 344 • 262-595-2744 • Keyword: *Biology*

Degrees Offered:

Bachelor of Science.

Master of Science (see graduate section of this catalog).

Professors:

Wallen, Ph.D.

Associate Professors:

Gundersen, Ph.D.; Mayer, Ph.D.; Thomson, Ph.D Chair;

Assistant Professors:

Barber, Ph.D.; Higgs, Ph.D.; Pham, Ph.D.; Ruffolo, Ph.D.; Skendzic, Ph.D.

Senior Lecturers:

McKee, M.S.; Wilson, M.S.

Lecturers:

MacWilliams, Ph.D.; Mossman, Ph.D.; Roelke, M.S.; Lewis, Ph.D., Assistant to the Dean for Health-Related Professions

Student Organizations/Clubs:

Bios Club, Molecular Biology Club, Pre-Health Professions Club

Career Possibilities

Health professional; research scientist; veterinary medicine; secondary school teacher; industrial research, development, quality control, or product specialist; zoologist; botanist; naturalist.

Department Overview

Since the opening of the university in 1968, UW-Parkside's Biological Sciences Department has developed and maintained a reputation for outstanding preparation for careers in life sciences. The department currently attracts many of the best students found on the campus and has one of the strongest pre-health programs in the state.

The instructional program emphasizes quality teaching, hands-on experience with state-of-the-art technology, and involvement of undergraduate students in research. The department has high-quality faculty, several of whom are nationally and internationally known. The faculty sees itself as an excellent example of the teacher-scholar model for a predominantly undergraduate institution. The department maintains active research facilities with modern instrumentation. In addition, the UW-Parkside campus, the Chiwaukee Prairie, Harris Tract, Ranger Mac's Fen, Renak Polak Woods, Petrifying Springs, and Sanders Park provide field areas for environmental studies.

The biological sciences include many different aspects of biology such as botany, microbiology, molecular biology, bioinformatics and zoology. The undergraduate majors are based on core courses designed to convey a common body of concepts and skills

essential to the training of biologists regardless of their ultimate specialization. This part of the program emphasizes the similarities and unifying ideas applicable to all living systems.

The department offers two majors. The Biological Sciences major is appropriate for students with a general interest in biology. The Molecular Biology and Bioinformatics major is designed for students who wish to specialize in this rapidly growing field of biology. Both majors are appropriate for students preparing for the health professions. Consult with the Assistant to the Dean for Health-Related Professions for advice relating to your particular career goal.

Biological science majors interested in obtaining a minor in environmental studies should consult with the Director of Environmental Studies.

The department supports several student organizations: Bios Club, Molecular Biology Club, and the Pre-Health Club. These promote learning and career preparation outside the formal classroom under student governance. Activities include field trips, guest lectures, mentoring, and social activities. See your academic adviser or contact the department office for information about how to become involved.

The biological sciences program supplies many service courses for other majors and/or programs such as Nursing, Biochemistry, Environmental studies and pre-professional programs. There are also many courses available that have been designed specifically for non-science students and for General Education.

Requirements for the Biological Sciences Major

The major in biological sciences consists of a minimum of 41 credits in biological sciences with additional courses in mathematics, chemistry, and physics. Within the major, a minimum of 15 credits in courses numbered 300 or above must be completed at UW-Parkside.

A. Core Courses (17 Credits)

BIOS 101	Bioscience	4 cr
BIOS 102	Organismal Biology	4 cr
BIOS 210	Biostatistics	3 cr
BIOS 260	General Genetics	3 cr
BIOS 435	Experimental Methods	2 cr
BIOS 495	Senior Seminar	1 cr

Students must complete core courses numbered in the 200s and below before they enroll in 400-level biological sciences courses. Exception from this prerequisite requires approval from the program faculty. Students should consult with their academic adviser before registration if such a situation arises.

B. Mathematics, Chemistry and Physics Courses (33 credits)**Mathematics**

MATH 221 Calculus and Analytic Geometry I 5 cr

Chemistry

CHEM 101 General Chemistry I 5 cr

CHEM 102 General Chemistry II 5 cr

or

CHEM 113 Chemical Principles I 5 cr

CHEM 114 Chemical Principles II 5 cr

CHEM 321 Organic Chemistry I 4 cr

CHEM 322 Organic Chemistry II 4 cr

CHEM 323 Organic Chemistry Laboratory* 3 cr

Physics

PHYS 105 College Physics I 5 cr

PHYS 106 College Physics II 5 cr

or

PHYS 201 General Physics I 5 cr

PHYS 202 General Physics II 5 cr

* Strongly recommended, but not required. Most graduate and professional schools require an organic chemistry course with a laboratory component. Students who plan to do graduate work are also advised to take MATH 222, Calculus and Analytic Geometry II.

C. Elective Courses (24 credits)

Each student must complete a minimum of 24 elective credits selected from 200–400 level biological sciences courses. At least three credit hours must be obtained from each of the four designated areas listed below. BIOS 494, Internship, and BIOS 499, Independent Research, cannot be used to satisfy the requirement within these areas. Students are required to check with their advisers concerning biological sciences special topics courses (BIOS 290, 390, 490) counting toward the topic areas listed below.

I. Cell and Molecular Biology

BIOS 240 Macromolecular Structure and Function 3 cr

BIOS 301 Cell Biology 3 cr

BIOS 307 Biochemical Metabolism 3 cr

BIOS 309 Molecular Biology 3 cr

BIOS 453 Molecular Biology and Bioinformatics I: DNA (L) 4 cr

BIOS 454 Molecular Biology and Bioinformatics II: RNA (L) 4 cr

BIOS 455 Molecular Biology and Bioinformatics III: Proteins (L) 4 cr

II. Organismal Structure and Function

BIOS 300 Functional Human Anatomy Laboratory (L) 3 cr

BIOS 317 Vertebrate Embryology 3 cr

BIOS 325 Physiological Psychology 3 cr

BIOS 341 Mammalian Physiology 3 cr

BIOS 344 Plant Physiology 3 cr

BIOS 420 Neuroscience 3 cr

III. Biological Diversity

BIOS 303 Microbiology (L) 4 cr

BIOS 313 Invertebrate Zoology (L) 3 cr

BIOS 318 Vertebrate Zoology (L) 3 cr

BIOS 324 Botany (L) 3 cr

IV. Population Biology

BIOS 305 Principles of Ecology (L) 3 cr

BIOS 314 Evolutionary Biology 3 cr

BIOS 330 Topics in Field Biology (L) 3 cr

BIOS 340 Animal Behavior 3 cr

BIOS 414 Molecular Evolution 3 cr

Upon completing a course in each of the four areas (12–14 credits), students can select among any of the remaining 200–400 level biological sciences courses to complete the required minimum of 24 elective credits, which may include up to three credits each of BIOS 494 and BIOS 499.

To complete the requirement of 24 elective credits, at least one (1) 300 level or higher elective class must include a laboratory. Classes that meet this requirement are BIOS 303, 305, 313, 318, 324, 330, 453, 454 or 455. BIOS 435 (Experimental Methods), as a core class, does not satisfy this requirement.

Students pursuing careers in the health professions are strongly urged to contact Dr. Bryan Lewis, Assistant to the Dean for Health-Related Professions at 262-595-2327 for advising.

Requirements for the Molecular Biology and Bioinformatics Major

The major in molecular biology and bioinformatics consists of a minimum of 45 credits in biological sciences, with additional courses in mathematics, chemistry, computer science and physics. Within the major, a minimum of 15 credits in courses numbered 300 or above must be completed at UW-Parkside. Students must attain a minimum UW-Parkside cumulative GPA of 2.50 in all courses required for the major.

A. Core Courses (42 Credits)

BIOS 101 Bioscience 4 cr

BIOS 102 Organismal Biology 4 cr

BIOS 210 Biostatistics 3 cr

BIOS 240 Macromolecular Structure and Function 3 cr

BIOS 260 General Genetics 3 cr

BIOS 303 Microbiology 4 cr

BIOS 309 Molecular Biology 3 cr

BIOS 453 Molecular Biology and Bioinformatics I: DNA 4 cr

BIOS 454 Molecular Biology and Bioinformatics II: RNA 4 cr

BIOS 455 Molecular Biology and Bioinformatics III: Proteins 4 cr

BIOS 480 Bioinformatics 4 cr

BIOS 489 Molecular Biology & Bioinformatics Senior Project 2 cr

Students must complete core courses numbered in the 300s and below before they enroll in 400 level biological sciences courses. Exception from this prerequisite requires approval from the program faculty. Students should consult with their academic adviser before registration if such a situation arises.

B. Mathematics, Chemistry, Computer Science and Physics Courses (40-41 credits)

Mathematics

MATH 221 Calculus and Analytic Geometry I 5 cr
and

MATH 231 Discrete Mathematics 3 cr
or

MATH 309 Probability and Statistics. 4 cr

Chemistry

CHEM 101 General Chemistry I 5 cr

CHEM 102 General Chemistry II 5 cr
or

CHEM 113 Chemical Principles I 5 cr

CHEM 114 Chemical Principles II 5 cr

CHEM 321 Organic Chemistry I 4 cr

CHEM 322 Organic Chemistry II 4 cr

Computer Science

CSCI 241 Computer Science I 4 cr

Physics

PHYS 105 College Physics I 5 cr

PHYS 106 College Physics II 5 cr
or

PHYS 201 General Physics I 5 cr

PHYS 202 General Physics II 5 cr

Students who plan to do graduate work are advised to also take MATH 222, Calculus and Analytic Geometry II; and CHEM 302 & 303, Physical Chemistry I and II.

C. Elective Courses (3 credits)

Each student must complete a minimum of 3 elective credits selected from 200-400 level biological sciences courses.

Requirements for the Biological Sciences Minor

The academic minor requires a minimum of 20 credit hours. Requirements for completion are:

BIOS 101 Bioscience 4 cr

BIOS 102 Organismal Biology 4 cr

Biology electives (200 level or above) 12 cr

Teacher Licensure

Due to on-going changes at the Department of Public Instruction (DPI) in anticipation of new license requirements, students are advised to communicate closely with the adviser for Teacher Education at 262-595-2100.

Courses in Biological Sciences (BIOS)

100 Nature of Life 3 cr

Prereq: None. Freq: Fall, Spring.

Nature of living things is explored and current developments in biology are discussed. Designed specifically for non-science majors; not for credit toward biological sciences major. Two-hour lecture; 50-minute demo/discussion.

101 Bioscience 4 cr

Prereq: None. Freq: Fall, Spring.

This course focuses on biochemistry, cell biology, genetics, and molecular biology. It is intended to provide a background upon which upper division courses will be built. Three-hour lecture; three-hour lab.

102 Organismal Biology 4 cr

Prereq: None. Freq: Fall, Spring.

A broad introduction to the diversity of life, recognizing functional similarities and dissimilarities as related to successful adaptation to the environment. It is intended to provide a background upon which upper division courses will be built. Three-hour lecture; three-hour lab.

103 Human Biology 3 cr

Prereq: None. Freq: Yearly.

A general course which covers basic information about the human body. Designed specifically for non-science majors; not for credit toward biological sciences major. Three hour lecture. Cross-listed as WOMS 103.

104 Environmental Science: A Biological Approach 3 cr

Prereq: None. Freq: Fall, Summer.

The study of the associations between human populations, biodiversity, resources, technology, lifestyles and environmental crisis from a biological approach. Meets DPI content requirement in environmental education; not for credit toward biological sciences major. Three-hour lecture.

105 Human Physiology and Anatomy I 4 cr

Prereq: None. Freq: Fall.

An integrated lecture/laboratory course dealing with the principles of structure and function necessary for understanding the systems of the human body; not for credit toward biological sciences major. Three-hour lecture; three-hour lab.

106 Human Physiology and Anatomy II 4 cr

Prereq: BIOS 105. Freq: Spring.

A continuation of BIOS 105; not for credit toward biological sciences major. Three-hour lecture; three-hour lab.

107 Biology Through Art 3 cr

Prereq: None. Freq: Occasionally.

Lectures integrating contemporary art and biology, which culminates with the creation of visual artworks in the laboratory; not for credit toward biological sciences major.

- 108 Health, Nutrition, and Culture**.....3 cr
Prereq: None. Freq: Occasionally
 Explores the role of proper nutrition in the health of the human body with an emphasis on the nutritional practices of the many ethnic groups that comprise American society; not for credit toward biological sciences major. Three-hour lecture.
- 109 Biology of Aging**.....3 cr
Prereq: None. Freq: Spring
 This course is intended to give the non-science major an introduction to the age-related changes in each body system from the standpoint of normal structure and function. The concept of homeostasis is emphasized in relation to age-related abnormal changes in addition to causative factors. Three-hour lecture.
- 190 Fundamentals of Human Nutrition**2 cr
Prereq: BIOS 106 and CHEM 215. Freq: Spring
 A study of requirements and functions of essential nutrients throughout life. Cultural influences on food habits and the basis for diet assessment will also be discussed. Recommended for UW-Milwaukee nursing students; not for credit toward biological sciences major. Two-hour lecture.
- 202 General Microbiology**4 cr
Prereq: BIOS 105, 106 or concurrent registration and CHEM 102 or 115, or consent of instructor. Freq: Fall.
 Structure, growth, reproduction, and activities of microorganisms including medical applications. Isolation and propagation of bacteria; not for credit toward biological sciences major. Three-hour lecture; three-hour lab.
- 207 Research Process in Biology**.....2 cr
Prereq: BIOS 210 or concurrent registration and consent of instructor. Freq: Occasionally.
 Introduction to the methods of scientific inquiry. Students acquire practical experience in the whole research process, from conception of a research problem through communication of research results. Four-hour lab.
- 210 Biostatistics**3 cr
Prereq: BIOS 101, 102 and MATH 112, 113 or equivalent. Freq: Fall, Spring.
 An introduction to quantitative methods of scientific inference used in the analysis and design of biological observations and experiments. Topics covered will include measurement, sampling, descriptive statistics, analysis of variance, correlation, regression, and analysis of frequencies. Two-hour lecture; three-hour lab.
- 240 Macromolecular Structure and Function**.....3 cr
Prereq: BIOS 101, 102, 210; CHEM 322 or concurrent registration. Freq: Spring.
 Introduction to eukaryotic cellular structures and biosynthesis; reaction mechanisms in biological catalysis; and principles of macromolecular structure. Three-hour lecture.
- 260 General Genetics**.....3 cr
Prereq: BIOS 101, 102, 210 and CHEM 321 or concurrent registration. CHEM 322 or concurrent registration recommended. Freq: Fall, Spring.
 Fundamental genetic principles with examples from microorganisms, plants, lower animals, and humans. For students majoring in science, mathematics or biology-related professions. Two-hour lecture; two-hour discussion/demo.
- 290 Special Topics in Biological Sciences**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in the biological sciences.
- 300 Functional Human Anatomy Laboratory**3 cr
Prereq: BIOS 101 and 102 or consent of instructor. Freq: Fall, Spring.
 Fundamental study of organization and structure of tissues, organs and systems of the human body and their relationship to function. Two, three-hour labs.
- 301 Cell Biology**3 cr
Prereq: BIOS 260, and CHEM 322, or consent of instructor. Freq: Spring.
 A study of cells and cellular organelles. The relationship between cellular structure and function is emphasized. Three-hour lecture.
- 303 Microbiology**4 cr
Prereq: BIOS 101, 102, and CHEM 322 or concurrent registration. Freq: Spring.
 Advanced treatment of the structure, growth and activities of microorganisms including medical microbiology, microbial pathogenesis and environmental microbiology. Three-hour lecture; three-hour lab.
- 305 Principles of Ecology**.....3 cr
Prereq: BIOS 101, 102. Freq: Alternate Falls (odd years).
 An introduction to the relations of plants and animals to their organic and inorganic environments, with an emphasis on the phenomena and causes of distribution and abundance at the population and community levels. Includes a field-oriented laboratory. Two hour lecture; three hour lab; field trips.
- 307 Biochemical Metabolism**.....3 cr
Prereq: BIOS 101, 102 and CHEM 322 or consent of instructor. Freq: Fall.
 A study of the chemistry of biological systems with emphasis on metabolism and macromolecular biosynthesis. Three hour lecture. Cross listed as CHEM 307.
- 309 Molecular Biology**.....3 cr
Prereq: BIOS 260, CHEM 322 or consent of instructor. Freq: Spring.
 Regulation of DNA, RNA, and protein synthesis and the control of the synthesis of other macromolecules. Three hour lecture/discussion.
- 313 Invertebrate Zoology**.....3 cr
Prereq: BIOS 101, 102, or consent of instructor. Freq: Alternate Falls (odd years).
 Ecology, classification and evolutionary relationships of nonchordate animals. Field trips, experimental research. Two-hour lecture discussion; three-hour lab.
- 314 Evolutionary Biology**3 cr
Prereq: BIOS 101, 102. Freq: Alternate Springs (odd years).
 An introduction to the basic mechanisms of evolutionary change including population genetics and speciation, and a consideration of evolutionary history including phylogenetic estimation, the fossil record, and biogeography. Three-hour lecture.

- 317 Vertebrate Embryology**3 cr
Prereq: BIOS 101, 102, 300, or consent of instructor.
Freq: Spring.
 Developmental anatomy and mechanisms of representative vertebrate types from cleavage through organogenesis. Three-hour lecture.
- 318 Vertebrate Zoology**.....3 cr
Prereq: BIOS 101, 102, or consent of instructor.
Freq: Alternate Falls (even years).
 An introduction to the biology of vertebrates with emphasis on structure, diversity, evolution, and distribution. Field trips. Two-hour lecture; three-hour lab.
- 324 Botany**3 cr
Prereq: BIOS 101, 102. Freq: Spring.
 Study of plants from the view points of systematics, evolution, morphology and ecology. Field trips. Two-hour lecture; three-hour lab.
- 325 Physiological Psychology**.....3 cr
Prereq: BIOS 101, 102. Freq: Spring.
 Physiological relation of neurophysiological and neurochemical processes to behavior. Three-hour lecture. Cross listed as PSYC 325.
- 330 Topics in Field Biology**3 cr
Prereq: BIOS 101, 102 or consent of instructor. Freq: Occasionally.
 A field-oriented course including topics such as ecology of major biomes, geographical and geological impact on organisms, aspects of plant/animal systematics. The course will focus on selected areas of interest in field biology. Field trips. Special fees required. One-hour lecture.
- 340 Animal Behavior**3 cr
Prereq: BIOS 101, 102. Freq: Alternate Springs (Even Years).
 Emphasis on the evolution and complexity of animal behaviors based on a variety of animal species from invertebrates to mammals. Three-hour lecture.
- 341 Mammalian Physiology**3 cr
Prereq: BIOS 210, CHEM 321, or consent of instructor.
BIOS 300 recommended. Freq: Fall.
 Advanced treatment of major mammalian organ systems and their roles in homeostasis. Three-hour lecture.
- 344 Plant Physiology**3 cr
Prereq: BIOS 324 or consent of instructor; Freq: Occasionally.
 Study of plant growth, development and nutrition from the physiology point of view. The roles of plants in food production and the environment will be included.
- 381 Molecular Aspects of Development**.....3 cr
Prereq: BIOS 260, 309 or concurrent registration, or consent of instructor. Freq: Occasionally.
 Applications of current molecular biological research to the field of developmental biology. Three-hour lecture.
- 390 Special Topics in Biological Sciences**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in the biological sciences.
- 410 Cellular and Molecular Immunology**3 cr
Prereq: BIOS 260, 307, 309, and consent of instructor.
Freq: Occasionally.
 The immune system and its analysis at the cellular and molecular level. Three-hour lecture.
- 414 Molecular Evolution**.....3 cr
Prereq: BIOS 309 or 314, or consent of instructor.
Freq: Alternate Springs (even years).
 The evolution of nucleic acids and proteins. Five major topics are considered in turn: genetic variability; the causes of molecular evolution and the neutral theory; methods of detecting genetic variability; the use of molecular markers for estimating phylogeny; and the evolution of genome structure. Three-hour lecture/discussion.
- 420 Neuroscience**.....3 cr
Prereq: BIOS 300, 341 or consent of instructor. Freq: Occasionally.
 This course emphasizes the neuroanatomy and the related neurophysiology of the human nervous system. Communication between the external environment and the central nervous system is presented using electrical and chemical methods of cell signaling systems, integration of sensory and motor function, and some of the pathology associated with the nervous system. Three-hour lecture; one-hour discussion.
- 435 Experimental Methods**.....2 cr
Prereq: BIOS 210, 260, 301, and CHEM 322. Freq: Fall, Spring.
 Familiarization with the use of scientific instruments and techniques, and developing proficiency in the process of scientific investigation. Cross-listed with CHEM 308. Four-hour lab.
- 453 Molecular Biology and Bioinformatics I: DNA**.....4 cr
Prereq: BIOS 240 (or BIOS 301 and 307), 260, 309, and consent of instructor. Freq: Fall.
 Techniques and theory of DNA isolation and analysis including laboratory and computational methods. Eight-hour lecture/lab.
- 454 Molecular Biology and Bioinformatics II: RNA**.....4 cr
Prereq: BIOS 240 (or BIOS 301 and 307), 260, 309, and consent of instructor. Freq: Fall.
 Theory and techniques for investigating RNA. Common laboratory methods for isolating and characterizing RNA will be performed. In addition, computer applications will be used to study RNA bioinformatics, structure, and function. Eight-hour lecture/lab.
- 455 Molecular Biology and Bioinformatics III: Proteins**....4 cr
Prereq: BIOS 240, (or BIOS 301 and 307), 260, 309, and consent of instructor. Freq: Spring.
 The role of proteins in biology will be assessed, providing both an understanding of these macromolecules and practical experience in biochemistry. In particular, comprehension of protein characteristics and function will be emphasized to provide insight into cell physiology or functional genomics. Eight-hour lecture/lab.

- 470 Advanced Molecular Genetics**3 cr
Prereq: BIOS 260, 309, and consent of instructor.
Freq: Occasionally.
 In-depth coverage of selected current research topics in the molecular genetics of genomes, genes and gene products. Three-hour lecture.
- 480 Bioinformatics**4 cr
Prereq: BIOS 240, 260, 309, and consent of instructor.
Freq: Fall.
 Various aspects of bioinformatics relating to data management, data discrimination, genomics, and proteomics will be introduced to students. Lectures and computer-based exercises will emphasize basic theory and applications of this information in today's world. Three-hour lecture. Three-hour lab.
- 482 Advanced Bioinformatics: Genomics**.....1 cr
Prereq: BIOS 480 and consent of instructor. Freq: Occasionally
 Theory and techniques will be presented to provide students perspective on the essence of life, genomic sequences. Lectures and computer-based exercises will emphasize the information content of genomic DNA and its application in today's world. Two-hour lecture/lab.
- 483 Advanced Bioinformatics: Proteomics**.....1 cr
Prereq: BIOS 480 and consent of instructor. Freq: Occasionally.
 The field of bioinformatics has revolutionized the study of gene expression. A combination of lecture, lab, and computer-based exercises will provide students with expertise in the use of bioinformatic tools to assess gene expression and functional genomics. Two-hour lecture/lab.
- 489 Molecular Biology and Bioinformatics Senior Project**1 cr
Prereq: BIOS 453, 454, and 455. Freq: Fall, Spring, Summer.
 Students work independently on a project, applying skills and knowledge acquired from previous course work. Students submit a written report and give a public, oral presentation of their project. May be repeated for maximum of 2 credits.

- 490 Advanced Topics in Biology**1-4 cr
Prereq: Junior standing or consent of instructor. Freq: Occasionally.
 Selected advanced topics in the biological sciences.
- 494 Internship in Biological Sciences**1-3 cr
Prereq: BIOS 210, 2.80 GPA, consent of instructor.
Freq: Fall, Spring, Summer.
 Provides learning experiences in which a student works with a sponsoring organization in either the public or private sector under the joint guidance of a member of the sponsoring organization and a faculty member. Graded credit/no credit. A maximum of 3 credits of BIOS 494 may be used toward elective credit in the major.
- 495 Senior Seminar**.....1 cr
Prereq: Senior standing and consent of instructor.
Freq: Fall, Spring.
 Each participant presents several seminars involving literature search, synthesis of research data, and organization into an effective oral presentation.
- 499 Independent Study**1-3 cr
Prereq: BIOS 207 and consent of instructor and department chair. Junior standing and minimum 2.80 GPA in BIOS courses recommended. Freq: Fall, Spring, Summer.
 Student research performed under the supervision of a regular faculty member. A maximum of 3 credits may be used toward elective credit in the major.

BUSINESS MANAGEMENT

Molinaro 344 • 262-595-2280 • Keyword: *Business*

Degrees Offered:

Bachelor of Science.

Majors:

Business Management, Management Information Systems, Master of Business Administration (see graduate section of this catalog).

Professors:

Norton, Ph.D.; Rajan, Ph.D.; Sounderpandian, D.B.A.; Wang, Ph.D.; Wright, Ph.D.

Associate Professors:

Baldwin, Ph.D.; Chalasani, Ph.D.; Crooker, Ph.D.; Gee, Ph.D.; Hawk, Ph.D.

Assistant Professors:

Folker, Ph.D.; Fok, Ph.D.; Kreissl, Ph.D.; Owens, Ph.D.; Manion, Ph.D.; Zameeruddin, CPA, LL.M., J.D.; Zheng, Ph.D.

Lecturers:

Cholak, MBA, J.D., CPA; Holmberg-Wright, Ed.D.; Witt, M.S.

Professional Accreditations or Memberships:

The bachelor of science in business management, management information systems, and master of business administration programs are accredited by AACSB International – The Association to Advance Collegiate Schools of Business. Only about 25 percent of business programs globally meet the rigorous standards of quality set by the AACSB International.

Career Possibilities:

Career opportunities include information systems analyst, computer programmer, product manager, market research analyst, accountant, cost analyst, financial analyst, recruiter, training specialist, and personnel generalist.

Business Honors:

Students who major in business management or management information systems and who maintain a GPA of 3.5 or greater in all upper-level business management course work and an overall GPA of 3.0 or better will be graduated with honors.

Beta Gamma Sigma is the honor society serving business programs accredited by AACSB International. Beta Gamma Sigma faculty members invite qualified business students for membership based on academic excellence.

Department Overview

Faculty members in the Business Department are dedicated to providing students with quality instruction relevant to situations encountered in the changing world of business. Students can major in business management or management information systems

(MIS). Both majors develop business skills through exposure to accounting, finance, marketing, personnel administration, organizational behavior, MIS, and production management. Communication skills, quantitative techniques, leadership, teamwork, and computer technology are stressed throughout the curricula. In addition, students explore ethical considerations of business decisions and gain an understanding of multinational and multicultural aspects relevant to today's business world. Many students apply their class knowledge through internships or through community projects sponsored by the Solutions for Economic Growth (SEG Center).

Solutions for Economic Growth Center (SEG Center)

The SEG Center is a partnership between business faculty, students, and local businesses. Students in the SEG Center apply and develop their skills by working on live business projects for the community. Projects include business plan development, marketing research, marketing plan development, the analysis of production processes, web page design, network planning, and software development. Students working in the SEG Center have access to a modern computer lab and conference rooms.

Business Management

Students majoring in business management are prepared for a variety of business careers. All students receive a foundation in the various functional areas of business. These students also select a particular area of business as a concentration; focusing their study in accounting, finance, human resource management, marketing, or general business.

Preparation for Graduate School

Undergraduate study in business provides excellent preparation for graduate study in a variety of areas including law, industrial relations, economics, hospital administration, and urban planning, as well as further graduate work in business.

Requirements for a Degree in Business Management

The business management curriculum at UW-Parkside is rigorous and extensive. It is imperative that students acquire solid and proper foundations before commitment to a business management major. Students who are planning to enter the undergraduate program in business management are encouraged to declare their major early, so they may be assigned an appropriate faculty adviser.

Course Requirements

The following requirements for a degree in business management are in addition to the university stipulated general education requirements.

A. Fundamental Preparation Courses (16 cr)

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr
MATH 112	College Algebra II.	4 cr
COMM 105	Public Speaking	3 cr

Advanced Writing (3 cr) – select one from:

ENGL 201	Advanced Composition	3 cr
ENGL 202	Technical Writing	3 cr
ENGL 204	Writing for Business and Industry	3 cr

B. Business Preparation Courses (15 cr)

ACCT 201	Financial Accounting	3 cr
ACCT 202	Managerial Cost Accounting.	3 cr
BUS 272	Legal Environment of Business.	3 cr
QM 210	Business Statistics I.	3 cr
QM 211	Business Statistics II	3 cr

C. Business Foundation Core (21 cr)

QM 319	Introduction to Operations Management	3 cr
MIS 320	Management Information Systems	3 cr
FIN 330	Managerial Finance.	3 cr
MGT 349	Organizational Behavior	3 cr
MKT 350	Introduction to Marketing	3 cr
BUS 495	Business Policy Seminar	3 cr
HRM 343	Personnel Administration*	3 cr

* HRM 343 is a requirement for concentrations in general business, human resource management, and marketing. It is not a requirement for accounting and finance.

D. Professional Areas of Study

Business management students must choose from among five concentrations for their advanced area of study. Students may choose more than one concentration. Advanced course work in the professional area should be taken after the student has completed most of the business foundation core courses. However, due to the sequence of course offerings, students may wish to begin advanced work in their professional areas prior to completing the entire core program. Students are encouraged to check with their faculty adviser on the scheduling of advanced course work.

Accounting (24 cr)

Required courses: ACCT 301, 302, 305, 306, 400, 403, 404, and BUS 372.

Finance (15 cr)

Required courses: FIN 335, 336, 431, and two courses from FIN 332, 433, 435, 437, ACCT 301, and ECON 366.

General Business (15 cr)

15 credits from 300- or 400-level business courses, with no more than two courses or 6 credits in any business area.

Human Resource Management (15 cr)

Required courses: HRM 343, 443, 444, and two elective courses chosen from BUS 448, HRM 313, 340, 342, 490, 494, 499, MGT 446, 447, COMM 303, ECON 327/HIST 327, ECON 380, POLS 315, PSYC 310, 318, 319, 330, or SOCA 371, 374. (These non-business electives may not be used toward the general business concentration.)

Marketing (18 cr)

Required courses: MKT 354, 355, 455, and three courses from MKT 356, 358, 359, 451, 452, 490, 494, 499, HPEA 450, COMM 305, COMM 326, or COMM 430. (Only one course from HPEA 450, COMM 305, COMM 326, and COMM 430.)

Management Information Systems

The MIS major integrates a study of information technology (IT) with a study of business. To understand how a business works, MIS students take courses in marketing, finance, accounting, management, and production. MIS students also take IT courses such as website development, database management, programming, network administration, and systems analysis and design.

Career Possibilities:

Career opportunities include information systems analyst, computer programmer, network administrator, database administrator, website developer, and project manager.

Information Technology Practice Center:

Students in the MIS major have an opportunity to participate in the Information Technology Practice Center (ITPC). The ITPC, a specialty center within the SEG Center, is a partnership between UW-Parkside faculty, students, and IT professionals from industry. Students in the ITPC develop IT solutions for businesses and not-for-profit clients. Students have access to a state-of-the-art lab and meeting rooms designed to support the projects.

Course Requirements

The following requirements for a degree in management information systems are in addition to the university stipulated general education requirements.

A. Fundamental Preparation Courses (16 cr)

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr
MATH 112	College Algebra II.	4 cr
COMM 105	Public Speaking	3 cr

Advanced Writing (3 cr) – select one from:

ENGL 201	Advanced Composition	3 cr
ENGL 202	Technical Writing	3 cr
ENGL 204	Writing for Business and Industry	3 cr

B. Business Preparation Courses (15 cr)

ACCT 201	Financial Accounting	3 cr
ACCT 202	Managerial Cost Accounting.	3 cr

BUS 272	Legal Environment of Business	3 cr
QM 210	Business Statistics I	3 cr
QM 211	Business Statistics II	3 cr

C. Business Foundation Core (15 cr)

QM 319	Introduction to Operations Management	3 cr
FIN 330	Managerial Finance	3 cr
MGT 349	Organizational Behavior	3 cr
MKT 350	Introduction to Marketing	3 cr
BUS 495	Business Policy Seminar	3 cr

D. MIS Foundation Core (21 cr)

MIS 220	Information Technology Foundations	3 cr
MIS 221	Business Programming	3 cr
MIS 322	Object-Oriented Programming I	3 cr
MIS 327	Business Data Communication	3 cr
MIS 328	Database Management Systems	3 cr
MIS 425	System Analysis and Design	3 cr
MIS 428	IS Planning and Project Management	3 cr

E. MIS Tracks

Students must choose one of the MIS tracks or consult with their adviser for additional options.

Web Design 6 cr:
Choose two courses: MIS 422, MIS 423, CSCI 322

Graphic Design 6 cr:
Choose two courses: ART 102, ART 271, ART 277

Software Design 6 cr:
Choose two courses: MIS 422, MIS 426, CSCI 322, CSCI 340

Network and Infrastructure 5-6 cr:
Choose two courses: MIS 424, CSCI 275, CSCI 375, CSCI 490

Project Management 6 cr:
Choose two courses: MIS 426, MGT 447, HRM 343, COMM 285, COMM 303

E-Business 6 cr:
Choose two courses: MKT 356, MKT 359, MKT 451

Declaring a Major in Business Management or Management Information Systems

Students must submit a formal application to the Advising Center or the Business Department office. Students will be classified as a declared major, and will be notified of this by letter from the Business Department. Majors will be assigned a faculty adviser from the Business Department.

New freshmen and transfer students who have an interest in pursuing a degree in business should meet with the assistant dean as early as possible to go over the transfer course evaluation and prerequisites.

Requirements to take 300-400 level business courses:

- A. Completion of 54 credits.
- B. Minimum overall GPA of 2.00 (calculated with and without transfer grades).
- C. Be within 12 or fewer credits of completing general education requirements.
- D. Complete with a C or better (C-minus is not acceptable) the pre-business curriculum:

ACCT 201	Financial Accounting
BUS 272	Legal Environment of Business
COMM 105	Public Speaking
ECON 120	Microeconomics
ECON 121	Macroeconomics
MATH 112	College Algebra II
QM 210	Business Statistics I

Students meeting all of these requirements will be allowed to take upper-level business courses and must meet all requirements for the major in effect at the time of acceptance. In addition students will also have to complete the following four courses with a minimum grade of C or better (C- minus is not acceptable):

ACCT 202	Managerial Cost Accounting
QM 211	Business Statistics II

Written Communication (ENGL 201, 202, or 204)

Transfer Policies

Transfer students may fulfill some of the requirements for the business management or the management information systems major at UW-Parkside by substituting courses taken elsewhere (check with the assistant dean's office - Molinaro Hall 344). However, all students must complete at UW-Parkside at least 50 percent of the total business credits required for the bachelor of science degree in business management or management information systems. The total business credits include the business preparation courses, the business foundation core courses and the concentration courses. No more than 50 percent of the required credits for a concentration may be transferred. Only courses with a grade of C or better will be accepted (C-minus is not acceptable).

Only junior/senior level courses in business from regionally accredited four-year colleges or universities are eligible to be transferred for any course in business. Students should consult with the assistant dean to arrange for school evaluation and approval of transfer credits.

Graduation Requirements

- A. Completion of 120 credits including general university requirements. A minimum of 60 credits of the total 120 credits must be in areas other than business and upper level economics. Economics 120 and 121 may count in the 60 credits.
- B. Completion of requirements of the Business Department as outlined above.

- C. An overall GPA of 2.00 or higher and a 2.50 GPA or higher in the upper-level business courses (including any transfer courses).

Business Management Minor

The minor consists of 24 credits in business courses and 9 credits in non-business fundamental preparation courses. To declare a minor in business, students must submit an application to the Advising Center (Wyllie Hall 107) or the Business Department office (Molinaro Hall 344).

A. Fundamental Preparation Courses (9 cr)

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr

Written Communication Requirement (3 cr) – Choose one from the following:

ENGL 201	Advanced Composition	
ENGL 202	Technical Writing	3 cr
ENGL 204	Writing for Business and Industry	3 cr

B. Business Preparation Courses (12 cr)

ACCT 201	Financial Accounting	3 cr
ACCT 202	Managerial Cost Accounting.	3 cr
BUS 272	Legal Environment of Business.	3 cr
QM 210	Business Statistics I.	3 cr

C. Business Foundation Core Courses (12 cr)

FIN 330	Managerial Finance.	3 cr
MKT 350	Introduction to Marketing	3 cr

And select 2 courses from the following:

HRM 343	Personnel Administration	3 cr
MGT 349	Organizational Behavior	3 cr
MIS 320	Management Information Systems	3 cr
QM 319	Introduction to Operations Mgt.	3 cr

To graduate with a business management minor, a student must:

- Complete the required program of courses outlined above.
- Complete with a C or better (C-minus is not acceptable) all of the fundamental preparation and business preparation courses.
- Earn a minimum overall GPA of 2.00 (including any transfer credits) and a minimum GPA of 2.50 in the business foundation core.

Non-Business Students

Non-business students may enroll in any 100- or 200-level business course if they meet the individual course prerequisites. To enroll in 300- or 400-level business courses, students must have junior or senior standing (completed a minimum of 54 credits), meet the course prerequisites, and have a minimum overall GPA of 2.00 (calculated with and without transfer grades). Students will need to get a permission number from the course instructor in order to register for an upper-level business course.

Business Department Policies and Procedures

- All students must have a minimum overall GPA of 2.00 (calculated with and without transfer grades), have junior status (54 credits), and must have satisfactorily completed the pre-business curriculum to enroll in any 300- or 400-level business course.
- All students must have completed the stated prerequisites to enroll in any business course. Both the instructor and department chair must approve any deviation from this policy.
- Any business major who is not completing a course at UW-Parkside for 12 consecutive months will be dropped as a major. Once dropped, a student must reapply for major status and will be required to follow all requirements in effect at the time of re-admittance.
- All students must complete their degree program within 10 years of completing their first 300-level business course.
- Students are required to have a minimum overall GPA of 2.00 to be accepted as a business management or management information systems major.
- All students are required to meet with their adviser prior to registration each semester.
- The final responsibility in selection of courses and the fulfillment of all graduation requirements rests with the student.
- Students who feel that exceptional circumstances beyond their control justify an exception to any policy or procedure of the Business Department may submit a formal appeal to the Undergraduate Committee of the Business Department. Appeal procedures are available in the Business Department office (Molinaro Hall 344).

Courses in Business

ACCOUNTING (ACCT)

- 201 Financial Accounting**3 cr
Prereq: MATH 112. Freq: Fall, Spring.
 An introduction to financial accounting emphasizing basic concepts and procedures in accumulating, measuring, and communicating financial information. Includes preparation, analysis, and interpretation of financial statements.
- 202 Managerial Cost Accounting**.....3 cr
Prereq: ACCT 201, QM 210, ECON 120. Freq: Fall, Spring.
 Identifies relevant accounting and financial information for managerial decisions. Analyzes product costing, pricing, capital budgeting, profit planning, performance reporting, and variance analysis. Not available to students with credit in ACCT 303.
- 204 Accounting for Non-Business Majors**.....3 cr
Prereq: Completion Math Comp or equivalent. Freq: Occasionally.
 Emphasizes understanding and use of accounting information in making decisions. Covers financial planning and budgets, analysis of financial statements, analysis and control of costs, profit and productivity analyses. Not available to business majors for credit.

- 301 Intermediate Accounting I**3 cr
Prereq: ACCT 201, FIN 330 or concurrent registration. Freq: Fall.
 Study of income statement and balance sheet with in-depth study of accounting for assets, liabilities, and owners' equity.
- 302 Intermediate Accounting II**3 cr
Prereq: ACCT 301. Freq: Spring.
 Study of accounting for pensions, leases, income taxes, changing prices, as well as the statement of cash flows, revenue recognition, and accounting changes and error analysis.
- 305 Individual Taxation**3 cr
Prereq: ACCT 201. Freq: Fall.
 Examination of the U.S. federal income tax law pertaining to individuals, including business and investment activities.
- 306 Business Taxation**3 cr
Prereq: ACCT 305. Freq: Spring.
 Examination of the U.S. federal income tax law pertaining to corporations, partnerships, estates, and trusts.
- 400 Advanced Accounting**3 cr
Prereq: ACCT 302. Freq: Fall.
 Application of accounting principles and procedures to business combinations, foreign operations and transactions, governmental and nonprofit organizations, and partnerships.
- 401 Accounting Theory**3 cr
Prereq: ACCT 302. Freq: Occasionally.
 History and development of accounting theory; in-depth analysis of selected contemporary issues and formulation of accounting theory as related to generally accepted accounting principles.
- 402 Accounting Systems**3 cr
Prereq: ACCT 301, MIS 320. Freq: Occasionally.
 Planning, design and examination of both manual and computer-based accounting information systems, with particular emphasis on internal control requirements.
- 403 Advanced Cost Accounting**3 cr
Prereq: ACCT 304. Freq: Fall.
 Cost information for management planning and control. Capital budgeting, project appraisal, marketing cost effectiveness, segment reporting, transfer pricing, measuring divisional performance, and profit analysis.
- 404 Auditing**3 cr
Prereq: ACCT 302, MIS 320. Freq: Spring.
 Study of auditing of financial statements and internal control. Emphases include AICPA standards, audit reports, audit evidence including sampling, EDP auditing, professional ethics, and accountant's legal liability.
- 405 Volunteer Income Tax Assistance (VITA)**1 cr
Prereq: ACCT 305. Freq: Spring.
 VITA is a volunteer program administered by the Internal Revenue Service. Students will prepare income tax returns and provide other tax assistance for low-income, elderly, and other individuals requiring income tax assistance at public sites in the Racine and Kenosha area. Credit/no-credit grading basis.
- 490 Special Topics in Accounting**1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in accounting. Subject varies; see current course schedule.
- 494 Internship in Accounting**1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.
- 499 Independent Study in Accounting**1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of accounting under the supervision of a faculty member. Six hours credit maximum.

FINANCE (FIN)

- 234 Personal Finance**3 cr
Prereq: Computational skills req or equivalent. Freq: Occasionally.
 Analysis of economic factors and personal decisions that affect the individual's financial well-being. Topics include financial planning, money management, investments, consumer borrowing, insurance, and retirement and estate planning. Course cannot be used as a finance or general business concentration elective.
- 330 Managerial Finance**3 cr
Prereq: ACCT 201, QM 210, ECON 121. Freq: Fall, Spring.
 Introduction to concepts and practices of managerial finance, time value of money, bond and stock valuation, financial statements, capital budgeting, and cost of capital.
- 332 Working Capital Management**3 cr
Prereq: FIN 330. Freq: Fall.
 Study of the group of decisions that affect the firm's value primarily in the short run, including cash management; and management of marketable securities, receivables, inventory, and short-term liabilities.
- 335 Investments**3 cr
Prereq: QM 211, FIN 330. Freq: Fall.
 Introduction to securities markets and various investment instruments. Topics include portfolio theory, option pricing, efficient markets, and evaluation techniques.
- 336 Management of Financial Institutions**3 cr
Prereq: QM 211, FIN 330 or concurrent registration. Freq: Spring.
 Management topics related to financial institutions including liquidity, capital, and earning asset management; models of the banking firm; credit risk analysis; term structure; interest rate risk management; and other bank functions.

- 337 International Business Finance**.....3 cr
Prereq: QM 211, FIN 330. Freq: Spring.
 Analytical techniques of investment and financing decisions involving international transactions. Topics include multinational firms' exposure to foreign exchange risk, political risk, and international financial markets.
- 431 Advanced Managerial Finance**.....3 cr
Prereq: QM 211, FIN 330. Freq: Fall.
 In-depth analysis of topics in managerial finance, lease financing, capital structure and valuation, dividend policy, business expansion and contraction, and international finance.
- 433 Future and Options**3 cr
Prereq: FIN 335. Freq: Occasionally.
 Surveys futures and options markets in the United States; forward versus futures markets, pricing theory, and use of futures markets in hedging, speculating, and arbitrating.
- 435 Security Analysis and Portfolio Management**.....3 cr
Prereq: FIN 335. Freq: Spring.
 An advanced course in investments with an emphasis on developing skills for appraising the value of equities, fixed-income securities, and financial derivatives; and portfolio performance evaluation.
- 437 Seminar in Financial Management**.....3 cr
Prereq: FIN 330. Freq: Spring.
 Extensive use of case studies to analyze the applications of financial management to current business problems such as security valuation, optimal capital structure, capital budgeting, and working capital management. May be repeated for credit with different topic.
- 490 Special Topics in Finance**.....1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in finance. Subject varies; see current course schedule.
- 494 Internship in Finance**.....1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.
- 499 Independent Study in Finance**1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of finance under the supervision of a faculty member. Six hours credit maximum.

GENERAL BUSINESS (BUS)

- 100 Introduction to Business**.....3 cr
Prereq: None. Freq: Fall, Spring.
 An introduction to the role of business in modern society; the functional areas of the business enterprises. Not open to juniors and seniors majoring in business.

- 272 Legal Environment of Business**.....3 cr
Prereq: None. Freq: Fall, Spring.
 The legal and ethical environment in which business operates, with emphasis on government regulation.
- 290 Special Topics in Business Management**.....1-3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in business management. Subject varies; see current course schedule.
- 372 Business Law**.....3 cr
Prereq: BUS 272. Freq: Spring.
 A study of the substantive areas of law relating to business including contracts, the Uniform Commercial Code, and business organizations.
- 448 Business Projects**3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Work with owners and managers of small businesses and non-profit organizations, learning their operating methods and assisting them in learning and implementing improved methods.
- 490 Special Topics in Business Management**.....1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in business management. Subject varies; see current course schedule.
- 494 Internship in Business**1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.
- 495 Business Policy Seminar**.....3 cr
Prereq: Senior standing; FIN 330, MKT 350, MGT 349. Freq: Fall, Spring.
 A capstone course focusing on the tasks of general managers. Strategic management as a key function and responsibility of general managers is emphasized through lectures. Group case analyses and presentations provide experience in the ability to manage the process by which an organization formulates and implements its strategy.
- 499 Independent Study in Business Management**1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of business under the supervision of a faculty member. Six hours credit maximum.

HUMAN RESOURCE MANAGEMENT (HRM)

- 313 Management and Labor Relations**3 cr
Prereq: ECON 120. Freq: Occasionally.
 Principles and practices of collective bargaining and contract administration.

- 342 Labor Relations Law**3 cr
Prereq: HRM 343. Freq: Occasionally.
 The practical legal framework of private sector labor relations. Consideration of constitutional, statutory, and administrative agency regulation of labor organizing, contract negotiations, and disputes resolution.
- 343 Personnel Administration**.....3 cr
Prereq: Junior or senior standing. Freq: Fall, Spring.
 Policies, procedures, and theories in personnel administration; principles and techniques applicable to such problems as organizational relationships, staffing, training, wages, labor relations, and communications.
- 344 Employment Law**.....3 cr
Prereq: HRM 343. Freq: Occasionally.
 A study of the practical legal considerations relevant to the human resources or labor relations practitioner. Analysis of fair employment law, wage/hour law, and other legislation.
- 443 Personnel Selection and Training**.....3 cr
Prereq: HRM 343, QM 211. Freq: Spring.
 The study of personnel selection models and techniques used to insure optimal utilization of human resources, including a review of the legislation affecting such procedures. A systems approach to the design, implementation, and evaluation of training and management development programs.
- 444 Compensation and Benefits**3 cr
Prereq: HRM 343. Freq: Fall.
 Administration of direct and indirect compensation systems. Policies, procedures, and legislation relating to individual, group, and organizational base pay and incentives. Design, financing, and administration of benefit plans.
- 490 Special Topics in Human Resource Management**1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in human resource management. Subject varies; see current course schedule.
- 494 Internship in Human Resource Management**1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.
- 499 Independent Study in Human Resource Management**.....1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of human resource management under the supervision of a faculty member. Six hours credit maximum.

MANAGEMENT (MGT)

- 349 Organizational Behavior**3 cr
Prereq: Junior or senior standing. Freq: Fall, Spring.
 An introduction to individual and group behavior in organizations and to organizational theory. Topics include motivation, communication, stress, leadership decision-making, organizational processes and structures, and interactions between organizations and external environments.
- 446 Global Issues in Management**3 cr
Prereq: ECON 121. Freq: Spring.
 Study of cross-cultural approaches and strategies to effectively manage workers in and from different countries and regions of the world. The course entails in-depth study of global management skills, the impact of advancing technology, complex workplace changes, economic transformations, different cultural contexts, the world economy, and global marketplace.
- 447 Management Techniques**3 cr
Prereq: MGT 349. Freq: Occasionally.
 Development of the fundamental skills essential to effective management. Role-playing, experiential exercises, case analysis and applied projects provide opportunity for practice and application in areas including time management, problem solving, communication, influence, motivation, rewards, delegation, and conflict resolution.
- 490 Special Topics in Management**1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in management. Subject varies; see current course schedule.
- 494 Internship in Management**1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.
- 499 Independent Study in Management**.....1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of management information systems under the supervision of a faculty member. Six hours credit maximum.

MANAGEMENT INFORMATION SYSTEMS (MIS)

- 220 Information Technology Foundations**.....3 cr
Prereq: Math 111. Freq: Spring
 Basic foundations in computer software, hardware, business applications, projects, and careers. Introduces web page development including markup languages and client-side scripts.

- 221 Business Programming.....3 cr**
Prereq: Math 111. Freq: Fall, Spring.
 Conceptual and practice-oriented approach to define a business problem, design and test solution logic, implement and code the logic through sound structured programming techniques to develop programs that are robust and easy to maintain.
- 290 Special Topics in Management Information Systems ...1-3 cr**
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in management information systems; subject matter varies.
- 320 Management Information Systems3 cr**
Prereq: ACCT 201, ACCT 202. Freq: Fall, Spring.
 Use of the computer as a problem-solving tool, as part of data processing systems, management information systems, and decision support systems. Information systems planning and development. Overview of computer hardware, software, database management, networking and web technologies.
- 322 Object-Oriented Programming I.....3 cr**
Prereq: MIS 220, MIS 221. Freq: Fall.
 Introduction to object-oriented programming. Covers the basics of creating classes, encapsulation, constructors, error handling, polymorphism, and inheritance. Creating programs use classes created by students, as well as standard library classes.
- 327 Business Data Communications3 cr**
Prereq: None. Freq: Spring.
 Fundamental principles of data communications, analysis and design of computer communication networks ranging from LAN to global networks, state-of-the-art communication technology, network monitoring and management.
- 328 Database Management Systems3 cr**
Prereq: MIS 221. Freq: Fall.
 Data modeling techniques including object-oriented modeling, database systems concepts, and use of structured query language for information processing, client/server architecture, distributed databases.
- 422 Object-Oriented Programming II3 cr**
Prereq: MIS 322, MIS 328. Freq: Occasionally.
 A continuation of MIS 322 that introduces more advanced object-oriented programming language features. Introduction to applications of object-oriented programming languages: database connectivity, graphical user interfaces, event-driven software, and the development of web-based, server-side programs.
- 423 Design Techniques for Web-Based Information Systems3 cr**
Prereq: MIS 322, MIS 328. Freq: Occasionally.
 Development of unified modeling language models for web-based information systems; use case models, class, package and sequence diagrams; design patterns; database and application design; testing; and implementation.
- 424 Advanced Business Data Communications3 cr**
Prereq: MIS 327. Freq: Fall.
 Fundamentals of transmission protocols and network services. Setting up and configuring network protocols, routing, security, and networking services such as name resolution and dynamic addressing. Lab exercises and case studies.
- 425 System Analysis and Design.....3 cr**
Prereq: MIS 322, MIS 328. Freq: Spring.
 System development using the life cycle, rapid application development, prototyping, software acquisition, structured and object-oriented techniques and project management.
- 426 Field Project.....3 cr**
Prereq: Instructor consent. Freq: Occasionally.
 Planning, analysis, development of solution for an organization. Hands-on experience with executing all phases, including project management and documentation, of an actual project sponsored by an organization.
- 427 Midrange Computing3 cr**
Prereq: MIS 221. Freq: Occasionally.
 An introduction to business programming on a midrange computer. Overview of the operating system and program development environment. Development of interactive, batch, file inquiry and maintenance programs.
- 428 IS Planning and Project Management.....3 cr**
Prereq: MIS 425 or concurrent registration. Freq: Spring.
 Management of Information Technology (IT), the Information Systems (IS) department, and IS projects from the perspective of IT management, the chief information officer, and upper management.
- 490 Special Topics in Management Information Systems.....1-3 cr**
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in management information systems. Subject varies; see current course schedule.
- 494 Internship in Management Information Systems.....1-3 cr**
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.
- 499 Independent Study in Management Information Systems.....1-3 cr**
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of management information systems under the supervision of a faculty member. Six hours credit maximum.

MARKETING (MKT)

- 350 Introduction to Marketing**.....3 cr
Prereq: ECON 120. Freq: Fall, Spring.
 An introduction to the general marketing process, which is involved in the distribution and exchange of goods and services. Product, pricing, promotion, distribution, and buyer behavior variables are surveyed within the context of market planning.
- 354 Marketing Research**3 cr
Prereq: MKT 350, QM 211. Freq: Spring.
 Study of scientific procedures applicable to marketing research. Methodological considerations include defining information needs, determining research design, collecting/analyzing data, and report preparation. Case studies.
- 355 Buyer Behavior**3 cr
Prereq: MKT 350. Freq: Fall.
 Theoretical and applied research and concepts in the buying decision processes in households, businesses, nonprofit and government organizations as these relate to development, implementation, and assessments of marketing strategies. Covers contributions from social and behavioral sciences as well as marketing.
- 356 International Marketing**.....3 cr
Prereq: MKT 350. Freq: Occasionally.
 Investigation of the problems involved in managing the marketing function in an international environment. Market and environmental differences are examined.
- 358 Promotional Management**3 cr
Prereq: MKT 350. Freq: Occasionally.
 Analysis of the management of the firm's promotional mix. Study of techniques and strategies in the use of advertising, personal selling, sales promotion, and public relations.
- 359 Marketing Channels Management**.....3 cr
Prereq: MKT 350. Freq: Occasionally.
 Investigation of problems involved in marketing channels for goods and services and management of those channels. Viewpoints of manufacturer, wholesaler, and retailer presented.
- 451 Business-to-Business Marketing**.....3 cr
Prereq: MKT 350, ACCT 201. Freq: Occasionally.
 The study of the marketing of goods and services to businesses, institutions and government agencies. Emphasis is on problem solving and analysis using business cases, some of which involve international marketing.
- 452 Product Management**.....3 cr
Prereq: MKT 350. Freq: Occasionally.
 A systematic approach to product planning, product development, and product management over time. Examination of appropriate strategies for product review and monitoring via case analysis.
- 455 Marketing Management**.....3 cr
Prereq: Two 300 or 400 level MKT courses beyond MKT 350. Freq: Spring.
 Marketing strategies and the strategic planning process in practical business situations. Case studies, or projects, and/or live problems of area organizations will be analyzed.

- 490 Special Topics in Marketing**1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in marketing. Subject varies; see current course schedule.
- 494 Internship in Marketing**1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.
- 499 Independent Study in Marketing**.....1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
 Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of marketing under the supervision of a faculty member. Six hours credit maximum.

STATISTICS AND QUANTITATIVE METHODS (QM)

- 210 Business Statistics I**.....3 cr
Prereq: MATH 112. Freq: Fall, Spring.
 Introduction to descriptive statistical analysis; probability and expectation; discrete and continuous probability models; sampling distributions; hypothesis testing and estimation. Emphasis is on a conceptual understanding of statistical analysis and its application to and interpretation for business problems.
- 211 Business Statistics II**.....3 cr
Prereq: QM 210, MATH 112. Freq: Fall, Spring.
 Advanced inferential techniques including analysis of variance; simple and multiple linear correlation and regression techniques; Bayesian decision analysis; time-series analysis; non-parametric techniques; use of computer analysis for applied business problems.
- 319 Introduction to Operations Management**3 cr
Prereq: QM 210, MATH 112. Freq: Fall, Spring.
 Introduction to the role of the operations function in an organization; linear programming; continuous and intermittent production processes; aggregate planning; inventory control; materials management; scheduling; project management; quality assurance.
- 490 Special Topics In Statistics and Quantitative Methods**.....1-3 cr
Prereq: Dependent On Subject Matter. Freq: Occasionally.
 Selected topics in statistics and quantitative methods. Subject varies; see current course schedule.

CHEMISTRY

Greenquist 344 • 262-595-2326 • Keyword: *Chemistry*

Degree Offered:

Bachelor of Science.

Professors:

Judge, Ph.D.; Kolb, Ph.D.

Associate Professors:

Allen, Ph.D.; Wood, Ph.D. (Chair)

Assistant Professor:

Chang, Ph.D.

Senior Lecturer:

S. Anderson, M.S.

Lecturer:

L. Anderson, Ph.D.

Professional Accreditations and Memberships:

The chemistry degree program is approved by the American Chemical Society.

Student Organizations and Clubs:

Chemistry majors are encouraged to join the Chemistry Club.

Career Possibilities:

Chemistry graduates have an excellent placement rate. They enter graduate programs, medical school and pharmacy school and are qualified for employment in a wide variety of areas including agriculture, biotechnology, consulting, environmental control, consumer products, education, food science, forensics, geology, hazardous waste management, materials science, medicinal chemistry, petroleum, pharmaceuticals, polymers, sales and marketing, and water management. The UW-Parkside Career Center, the American Chemical Society and the Chemistry Club maintain information resources regarding careers in chemistry.

Department Overview

The chemistry curriculum is designed to prepare students for careers in the chemical sciences, to further the education of those already employed in chemistry-related professions, and to prepare students for the successful completion of graduate or professional programs. The curriculum offers a strong foundation in chemistry, physics and mathematics, and advanced studies in the traditional areas of specialization including analytical, biochemistry, inorganic, organic, and physical chemistry. Hands-on work in modern, well-equipped laboratories is stressed and students are encouraged to participate in faculty-directed independent research projects. A separate concentration in biochemistry is also offered. The chemistry major can be complemented by one of several related minors such as biological sciences, computer science, environmental studies, mathematics or physics.

Preparation for Graduate School

Some graduate programs require that specific courses be taken for admission. Students considering graduate study should consult their adviser and the admissions office of the graduate program.

Requirements for the Chemistry Major

At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Chemistry majors must have a minimum GPA of 2.50 in all courses required for the major, including math and physics.

A. Core Chemistry Courses (40 credits):

CHEM 113	Chemical Principles I*	5 cr
CHEM 114	Chemical Principles II*	5 cr
CHEM 208	Contemporary Chemical Analysis	2 cr
CHEM 302	Physical Chemistry I	4 cr
CHEM 303	Physical Chemistry II	4 cr
CHEM 304	Physical Chemistry Laboratory I	3 cr
CHEM 321	Organic Chemistry I	4 cr
CHEM 322	Organic Chemistry II	4 cr
CHEM 323	Organic Chemistry Laboratory	3 cr
CHEM 324	Chemistry of Biological Systems	3 cr
CHEM 400	Instrumental Analysis Laboratory	3 cr

* Students may substitute CHEM 101, 102 and 207 for the 113-114 requirement.

B. Physics and Mathematics Courses (20 credits):

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr
PHYS 201	General Physics I	5 cr
PHYS 202	General Physics II	5 cr

C. Chemistry Electives (9-10 credits):

Any two of:		
CHEM 306	Chemical Instrumentation	3 cr
CHEM 310	Inorganic Chemistry*	3 cr
CHEM 402	Advanced Organic Chemistry	3 cr

and either one of:

CHEM 305	Physical Chemistry Laboratory II	2 cr
CHEM 401	Advanced Organic Laboratory*	3 cr

and either one of:

CHEM 495	Senior Seminar	1 cr
CHEM 497	Senior Thesis	1 cr

* CHEM 310 and 401 are required for American Chemical Society approval.

Biochemistry Concentration in the Chemistry Major

The concentration in biochemistry provides excellent background for careers and for graduate or professional study in biochemistry, medicine, microbiology, molecular biology, pharmacy, pharmacology, pharmaceutical chemistry and other biological sciences. Because this concentration includes biological science courses in addition to most of the courses required for the chemistry major, it also provides a broader background for chemistry students who wish to terminate their training at the baccalaureate level.

Biochemistry Concentration Requirements (17 credits):

Students in the biochemistry concentration complete the following courses rather than the electives listed under category C. CHEM 307 may substitute for CHEM 324 listed in category A.

BIOS 101	Bioscience.....	4 cr
BIOS 102	Organismal Biology.....	4 cr
BIOS 309	Molecular Biology.....	3 cr
CHEM 308	Biochemistry Laboratory.....	2 cr
CHEM 410	Advanced Biochemistry.....	3 cr

and either one of:

CHEM 495	Senior Seminar.....	1 cr
CHEM 497	Senior Thesis.....	1 cr

Redundant Courses

Credits earned in courses which in large part duplicate the content of any of those listed above cannot be applied toward the major or used in computing the GPA for the major.

American Chemical Society Approved Major

Students wishing to qualify for official recognition of the major by the American Chemical Society must include CHEM 310 Inorganic Chemistry, and CHEM 401 Advanced Organic Laboratory in their program.

Honors in Chemistry

To be eligible for a B.S. with honors in chemistry, a chemistry major must attain a GPA of 3.25 or better in all chemistry courses taken and complete a senior thesis (CHEM 497) and defend it before a committee of three faculty members, at least two of whom are from chemistry. In addition, an overall GPA of at least 3.00 must be attained.

Requirements for the Chemistry Minor

A minor in chemistry can be earned by obtaining at least 23 credits in an approved group of courses in general, analytical and organic chemistry with lab. Students must attain a GPA of at least 2.00 in all courses required for the minor. The two approved groupings of UW-Parkside courses are:

CHEM 113	Chemical Principles I.....	5 cr
CHEM 114	Chemical Principles II.....	5 cr
CHEM 208	Contemporary Chemical Analysis.....	2 cr
CHEM 321	Organic Chemistry I.....	4 cr
CHEM 322	Organic Chemistry II.....	4 cr
CHEM 323	Organic Chemistry Laboratory.....	3 cr
or		
CHEM 101	General Chemistry I.....	5 cr
CHEM 102	General Chemistry II.....	5 cr
CHEM 207	General Chemistry III.....	3 cr
CHEM 208	Contemporary Chemical Analysis.....	2 cr
CHEM 321	Organic Chemistry I.....	4 cr
CHEM 322	Organic Chemistry II.....	4 cr
CHEM 323	Organic Chemistry Laboratory.....	3 cr

The Chemistry Placement Test

Students wishing to enroll for credit in CHEM 101, 113 or 115 must first obtain a suitable score on the chemistry placement test. The test will be offered during all normal registration periods, including that for summer session.

CHEM 100, The World of Chemistry is intended for students who do not obtain an adequate score on the placement test or who did not have high school chemistry and desire some grounding in the subject before taking CHEM 101 or 115. Non-science majors may also take CHEM 100 for General Education credit. Students who earn a grade of C or better in CHEM 100 need not repeat the placement test for admission to CHEM 101 or 115.

Courses in Chemistry (CHEM)

090 Preparation for College Chemistry.....2 cr

Prereq: None. Freq: Occasionally.

An introduction to the basic principles of chemistry, chemical calculations, units of measurement, nomenclature, and other basic concepts. Credit does not count toward graduation. Graded on credit/no-credit basis. Two-hour lecture.

100 The World of Chemistry.....3 cr

Prereq: None. Freq: Fall, Spring.

An introduction to the basic principles of chemistry including the composition of matter, measurement, nomenclature, calculations and reactions. Discussion of current issues in science and technology and application of basic chemical principles to everyday life. Intended for non-science majors and as a preparatory course for science or nursing majors not placed into CHEM 101, 113 or 115. Three-hour lecture.

101 General Chemistry I.....5 cr

Prereq: MATH 111 or concurrent enrollment and suitable score on chemistry placement test or a minimum of grade of C in CHEM 100. Freq: Fall, Spring.

The first half of an introductory course in general chemistry covering the fundamental principles of chemistry. Three-hour lecture; one-hour discussion; three-hour lab.

102 General Chemistry II.....5 cr

Prereq: CHEM 101. Freq: Fall, Spring.

A continuation of CHEM 101. Three-hour lecture; one-hour discussion; three-hour lab.

- 109 Environmental Chemistry**.....3 cr
Prereq: None. Freq: Occasionally.
 Designed for non-science majors. An investigation of contemporary issues including energy and the environment. Intended to introduce fundamental chemical principles and the scientific method of inquiry. May be applied to the environmental studies minor. Three-hour lecture.
- 113 Chemical Principles I**.....5 cr
Prereq: Two years of high school chemistry, MATH 111 or concurrent enrollment and suitable score on chemistry placement test or consent of instructor. Freq: Fall
 Intended primarily for students who plan to major in chemistry. Also for well-prepared students in other programs who are seeking a more in-depth introduction to modern chemistry than that offered in CHEM 101. Lectures cover the fundamental principles of chemistry starting with chemical bonding. Laboratory-work includes chemical instrumentation and computer aided data acquisition and analysis. Three-hour lecture; one-hour discussion; three-hour lab.
- 114 Chemical Principles II**.....5 cr.
Prereq: CHEM 113 or consent of instructor. Freq: Spring.
 A continuation of CHEM 113 providing students with a strong foundation for upper-level chemistry courses. The laboratory complements the lecture material and continues the use of modern chemical instrumentation. Three-hour lecture; one-hour discussion; three-hour lab.
- 115 Chemical Science**4 cr
Prereq: Suitable score on chemistry placement test, and either UW-Milwaukee math proficiency or UW-Parkside MATH 111. Freq: Fall.
 A course in the fundamental principles of chemistry including the atomic nature of matter, chemical reactions, gases, solutions, acids and bases, and nuclear chemistry. Required for nursing students. Not open to students with credit in CHEM 102 or 114. May not be applied to the chemistry major. Three-hour lecture; three-hour lab.
- 207 General Chemistry III**.....3 cr
Prereq: C or better in CHEM 102 or consent of instructor. Freq: Fall.
 Chemical kinetics and equilibrium as applied to methods of chemical analysis. Specific attention is given to the analysis of complex mixtures and the effects of competing equilibria in acid-base determinations, complexation reactions, precipitation and oxidation-reduction reactions. This class also provides an overview of extraction techniques and electrochemical measurements. Laboratory experiments are investigative and are designed to reinforce lecture topics. Not open to students with credit in CHEM 114. Two-hour lecture; three-hour lab.
- 208 Contemporary Chemical Analysis**.....2 cr
Prereq: C or better in CHEM 207 or in CHEM 114. Freq: Spring.
 An overview of chemical instrumentation, data processing and manipulation. Detailed presentation of various types of chromatography, the van Deemter equation, resolution and recent developments. Atomic and molecular spectroscopic methods, Beer's law and qualitative and quantitative applications. Laboratory experiments have both investigative and quantitative components. One-hour lecture; three-hour lab.
- 215 Organic and Biochemistry**4 cr
Prereq: CHEM 102 or 114 or 115. Freq: Spring.
 An overview of organic chemistry followed by a study of the structure and function of important biomolecules and energy metabolism. Follows CHEM 115 in the sequence for nursing students. Not open to students with credit in CHEM 322 or BIOS 307. Three-hour lecture; three-hour lab.
- 290 Special Topics**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in chemistry.
- 302 Physical Chemistry I**.....4 cr
Prereq: C or better in CHEM 114 or 207 and in MATH 222 and PHYS 202. Freq: Fall.
 A study of the kinetic theory of gases and thermodynamics. Laboratory utilizes spreadsheets and higher level programming for numerical analysis. Three-hour lecture; three-hour lab.
- 303 Physical Chemistry II**4 cr
Prereq: CHEM 302. Freq: Spring.
 A continuation of CHEM 302. Statistical mechanics, reaction kinetics and quantum mechanics. Laboratory includes computational methods most used in theoretical chemistry and practical quantum calculations. Three-hour lecture; three-hour lab.
- 304 Physical Chemistry Laboratory I**.....3 cr
Prereq: CHEM 302 or concurrent registration. Freq: Fall.
 Experiments focus on macroscopic phenomena including physical properties of matter, kinetics, and thermodynamics. Six-hour lab.
- 305 Physical Chemistry Laboratory II**2 cr
Prereq: CHEM 303, concurrent registration or consent of instructor. Freq: Occasionally.
 Theory and practice of spectroscopy; a wide range of spectroscopic techniques is examined. One-hour lecture; three-hour lab.
- 306 Chemical Instrumentation**3 cr
Prereq: C or better in CHEM 208 and completion of PHYS 202 and CHEM 323 or consent of instructor. Freq: Fall, even years.
 Study of the construction and principles of operation of modern instruments and their use in the chemistry laboratory. Three-hour lecture.
- 307 Biochemical Metabolism**.....3 cr
Prereq: CHEM 322 or consent of instructor. Freq: Fall.
 A study of the chemistry of biological systems, with emphasis on metabolism and macromolecular biosynthesis. Three-hour lecture. Cross listed as BIOS 307.
- 308 Biochemistry Laboratory**.....2 cr
Prereq: CHEM 307 or consent of instructor. Freq: Fall, Spring.
 Familiarization with the use of scientific instruments and techniques, and developing proficiency in the process of scientific investigation. Four-hour lab. Cross-listed with BIOS 435.

- 310 Inorganic Chemistry**3 cr
Prereq: CHEM 303 or concurrent registration.
Freq: Spring, odd years.
 Descriptive and synthetic inorganic chemistry with emphasis on chemical periodicity, coordination compounds, and inorganic reaction mechanisms. Three-hour lecture.
- 321 Organic Chemistry I**.....4 cr
Prereq: CHEM 102 or 114. Freq: Fall, Spring.
 A study of aliphatic and aromatic compounds with emphasis on structure, reaction mechanisms, and synthesis. Introduction to spectroscopy. Three-hour lecture; one-hour discussion.
- 322 Organic Chemistry II**.....4 cr
Prereq: CHEM 321. Freq: Fall, Spring.
 A continuation of CHEM 321. More extensive use of spectroscopy in the elucidation of structures and reaction mechanisms. The chemistry of functional groups, syntheses, and selected topics. Three-hour lecture; one-hour discussion.
- 323 Organic Chemistry Laboratory**3 cr
Prereq: CHEM 322 or concurrent registration or consent of instructor. Freq: Fall, Spring, Summer.
 An introduction to the methodology, techniques, and procedures of organic chemistry, including the use of chemical literature and laboratory record keeping. Emphasizes the synthesis and spectroscopic characterization of organic compounds. Six-hour lab.
- 324 Chemistry of Biological Systems**.....3 cr
Prereq: CHEM 322 Freq: Fall.
 Structures, synthesis and characterization of biological molecules including proteins, carbohydrates, nucleic acids, and primary and secondary metabolites. Chemical mechanisms of biological reactions. Biochemical thermodynamics and kinetics. Three-hour lecture.
- 390 Special Topics in Chemistry**.....3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in chemistry.
- 400 Instrumental Analysis Laboratory**3 cr
Prereq: C or better in CHEM 208 or consent of instructor.
Freq: Spring.
 Experiments in trace analysis utilizing electrochemical and optical methods as well as gas and liquid chromatography. Six-hour lab.
- 401 Advanced Organic Laboratory**3 cr
Prereq: C or better in CHEM 322 and 323. Freq: Spring.
 Advanced multi-step synthesis and characterization of organic and some inorganic compounds. Structure elucidation by classical and instrumental methods such as IR, NMR, GC/MS, and UV spectroscopy. Six-hour lab.
- 402 Advanced Organic Chemistry**3 cr
Prereq: C or better in CHEM 322. Freq: Fall, odd years.
 Selected topics in mechanistic, theoretical, heterocyclic, and physical organic chemistry. Three-hour lecture.
- 410 Advanced Biochemistry**.....3 cr
Prereq: BIOS 240 or CHEM/BIOS 307 or CHEM 324 or consent of instructor. Freq: Spring, even years.
 A study of advanced topics in biochemistry including thermodynamics, protein structure, and enzyme kinetics and mechanisms. Three-hour lecture.
- 490 Special Topics in Chemistry**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in chemistry.
- 494 Internship in Chemistry**1-3 cr
Prereq: Completion of either CHEM 208 or 323, GPA of 2.5 or higher and consent of instructor. Freq: Fall, Spring, Summer.
 Work in a chemistry-related position under the joint guidance of a faculty member and an on-site supervisor. Projects will specify learning goals and objectives related to the theory and application of modern chemistry. Usually graded on credit/no credit basis. May repeat for up to six credits.
- 495 Senior Seminar**.....1 cr
Prereq: Junior or senior standing. Freq: Spring.
 Research and presentation of selected topics from chemical literature. One-hour discussion.
- 497 Senior Thesis**1 cr
Prereq: Senior standing, chemistry major and consent of instructor. Freq: Fall, Spring.
 Thesis based on experimental work.
- 499 Independent Study**1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
 Individual projects of an experimental or theoretical nature conducted under the direct supervision and guidance of a staff member. Usually graded on credit/no credit basis and not applied to GPA.

Graduate Courses

- 620 Advanced Biochemistry**.....3 cr
Prereq: BIOS 240 or CHEM/BIOS 307 or CHEM 324 or consent of instructor. Freq: Spring, even years.
 Advanced topics in biochemistry including thermodynamics, protein structure, and enzyme kinetics and mechanisms. Not open to students with credit in CHEM 410.

COMMUNICATION

Communication Arts 265 • 262-595-2331 • Keyword: *Communication*

Degree Offered:

Bachelor of Arts.

Professor:

Leeds-Hurwitz, Ph.D.

Associate Professor:

Shailor, Ph.D. (Chair); Akindes, Ph.D., Mullen, Ph.D.

Assistant Professors:

Castor, Ph.D., Gregory, Ph.D.

Lecturer:

Peterson, M.A.

Student Organizations/Clubs:

Parkside Association of Communicators, Lambda Pi Eta, Theatre of Empowerment.

The Parkside Association of Communicators (PAC) is a student organization dedicated to promoting interaction and presenting programs valuable to students' professional and intellectual development.

Lambda Pi Eta (LPH) is the national communication honor society for undergraduates. Students who are declared majors with at least 60 credits; have a cumulative GPA of 3.00 or higher; have completed at least 12 credits in the major; and have a major GPA of 3.25 or higher are eligible. LPH is a way for high-level students to explore the discipline of communication.

Theatre of Empowerment (TOE) is a group committed to addressing conflict and promoting dialogue through the medium of public performance. The goals of the group are to raise awareness of particular social problems, and to engage the audience in finding new and creative ways to manage them.

Career Possibilities:

Mediation, marketing, sales, public relations, publicity, media production, advertising, management, training and development, human resources, customer service, special events, speech writing, recruitment.

Department Overview

Communication affects our lives at multiple levels. At one level, communication can be thought of as the way we construct knowledge and information through human interaction — whether face to face (such as having a conversation) or mediated (such as watching a film or television).

At another level, communication is the process through which we continually negotiate the meaning and purpose of our lives. At no level is this process transparent or innocent. Rather, it is influenced by the various ways in which we identify ourselves as

individuals and as groups. Recognizing that there are multiple perspectives on what we study, the Communication Department is committed to creating a learning community within which students, faculty, and staff jointly investigate the theoretical knowledge of the discipline while learning and using a shared set of communication skills. Our goal is to understand the human communication process in its many applications, to use it responsibly, and to reassess it when necessary.

The 39-credit communication major and 21-credit minor aid students in developing cultural competence: the ability to understand taken-for-granted communication patterns that create and sustain human relations, and the ability to apply this understanding creatively in the cultural contexts in which we live and work. The communication program fosters cultural competence through experiential learning within the context of theoretical course work. By the end of their program of study, communication majors are expected to be able to demonstrate two levels of cultural competence: professional and theoretical. Twelve competencies state the assumptions common to courses in the major.

Student understanding of the competencies is demonstrated through a portfolio of their work as majors prepared as part of COMM 495, Senior Seminar.

Departmental Competencies

Recognizing that communication is a dynamic process of interaction, the first six competencies may be described as professional; they focus on practical applications of communication:

- Working effectively with information, including evaluating materials produced by others, synthesizing viewpoints, and creating new ideas.
- Attending to detail, negotiating situations, observing one's own place in specific contexts, and thinking systematically.
- Analyzing rules and patterns in social and mediated interactions.
- Working constructively and building supportive relationships in groups.
- Solving problems, including defining a problem, and designing, implementing and evaluating solutions.
- Creating ethical messages appropriate for a variety of audiences and purposes.

Recognizing that effective communication requires thoughtful reflection and understanding of one's environment, the second six competencies may be described as theoretical; they focus on understanding the processes of human interaction:

- Understanding communication as the social construction of reality.
- Understanding identity as constructed and sustained through language and interaction.
- Understanding the role of communication in creating, sustaining, and changing cultural differences.
- Understanding individuals as members of multiple groups, organizations and communities.
- Understanding the role of symbolic forms — including image, metaphor, narrative and ritual — in creating and negotiating meaningful social life.
- Understanding the connections between communication media and how people have thought and acted over time.

It is the student's responsibility to be aware of the requirements of the major at the time it is declared, as well as any changes in the major instituted by the faculty. It is also the student's responsibility to consult regularly with his/her adviser regarding the program of study.

Internships

An internship is a university-regulated job experience designed to round out a student's education. Internships are valuable for resume building, application of theoretical knowledge to hands-on experience, exploring future career opportunities, and making contacts and networking outside the university. An internship is strongly recommended for communication majors, particularly during the senior year.

COMM 494, the internship course, is designed to facilitate the student's structured and systematic application of communication concepts to a job experience through the completion of a written case study. Normally, only senior-status students who meet a GPA requirement of 2.80 in the major are eligible for an on-the-job experience under academic supervision. See the internship director for detailed instructions. Up to 3 credits of internship may be counted toward the 400-level electives requirement in the major.

Requirements for the Communication Major

To be accepted as a major in communication, a student must have a 2.25 GPA overall. Students admitted to the major should plan to complete the 100- and 200-level requirements in communication before taking upper-division courses. As communication majors generally obtain jobs in which writing plays a significant role, majors are also required to complete English 201 prior to enrolling in upper-division courses. Non-majors interested in taking upper-division communication courses should consult with the course instructor before registering. The communication major consists of 39 credits. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside.

The requirements are as follows:

1. Core Courses (12 credits)

COMM 107	Communication and the Human Condition	3 cr
COMM 108	Media and Society	3 cr
COMM 209	Communication Research Methods . . .	3 cr
COMM 211	Communication Theory	3 cr

2. Applied Courses (6 credits)

COMM 105	Public Speaking	3 cr
COMM 250	Media Message Design	3 cr

3. Electives (18 credits)

- 6 credits in communication courses numbered 400-494
- 6 credits in communication courses numbered 300-399
- 3 credits in communication courses numbered 300-494
- 3 credits of electives in communication courses at any level to be chosen after consultation with an advisor
- Only 3 credits of COMM 494 may be counted toward the major. COMM 499 does not count toward the major.

4. COMM 495 Senior Seminar 3 cr

Note: All students must take 36 credits at the 300-level or above to graduate from UW-Parkside. The communication major provides 18-21 of these credits.

Requirements for the Communication Minor

The following courses constitute the core requirements for a communication minor:

COMM 107	Communication and the Human Condition	3 cr
COMM 108	Media and Society	3 cr
COMM 209	Communication Research Methods . . .	3 cr
COMM 211	Communication Theory	3 cr

In addition to the core requirements, the student must complete 9 additional credits in communication, at least 6 credits of which are in courses numbered 300 or above. These credits must be approved in consultation with a communication adviser.

Teacher Licensure

Students seeking teacher licensure in the communication major must fulfill Wisconsin Department of Public Instruction requirements including applying for and being admitted into the Teacher Education program. Majors are also required to complete English 201 prior to enrolling in upper-division courses. The communication course requirements differ from those of the non-teaching major and are as follows:

1. Core Courses (12 credits)

COMM 107	Communication and the Human Condition	3 cr
COMM 108	Media and Society	3 cr
COMM 209	Communication Research Methods . . .	3 cr
COMM 211	Communication Theory	3 cr

2. Applied Courses (6 credits)

- COMM 105 Public Speaking 3 cr
- COMM 250 Media Message Design 3 cr

3. Electives (18 credits)

6 credits in communication courses numbered 400-494

9 credits in communication courses numbered 300-399 distributed as follows:

COMM 310 Communication in Everyday Life. 3 cr

And two of the following:

- COMM 315 Communication and Gender 3 cr
- COMM 330 Communication and Socialization 3 cr
- COMM 363 Communication and Ethnicity. 3 cr
- COMM 365 Intercultural Communication. 3 cr

3 credits of electives in communication courses at any level, to be chosen after consultation with an adviser.

4. COMM 495 Senior Seminar 3 cr

Certificate in Conflict Analysis and Resolution

The certificate program in conflict analysis and resolution (CPCAR) offers both practical and theoretical training in the skillful and adaptive management of differences. The program is based on the assumption that communication is the primary social process, the material means by which people create discord or harmony, oppression or justice. Effective conflict management involves the creation of communication practices that transform situations of conflict into opportunities to develop both personal strength and compassion for others.

The CPCAR program helps students develop an array of tools for analyzing and intervening in social conflicts. To complete the program, the student must complete three core courses (9 credits), and one elective course (3 credits). The total number of credits required for the certificate is 12.

Core Courses (9 credits)

The three core courses provide theoretically informed skills training in three areas of conflict analysis and resolution: conflict management, dialogue facilitation, and public intervention, and must be taken in sequence. All three courses are required for completion of the certificate.

- COMM 285 Introduction to Conflict Management . . . 3 cr
- COMM 385 Strategies for Constructive Dialogue. . . 3 cr
- COMM 485 Designing Conflict Intervention. 3 cr

Elective (3 credits)

The purpose of the elective course is to help the student place his/her understanding of conflict in a broader social context. Therefore, the elective course must be from outside the student's major concentration. After consulting with the program adviser, the student is to take one of the following courses:

- COMM 363 Communication and Ethnicity. 3 cr
- COMM 370 Communication and Social Change . . . 3 cr

- COMM 490 Special Topics in Communication* . . . 1-4 cr
- HIST 260 International Conflict. 3 cr
- HIST 262 Historic Patterns of Peace and Warfare. . . 3 cr
- HIST 490 Special Topics in History*. 3 cr
- PHIL 215 Contemporary Moral Problems:
Ethics and Conflict. 3 cr
- PHIL 220 Politics, Law and Society 3 cr
- PHIL 320 Value Theory 3 cr
- PHIL 490 Special Topics in Philosophy* 1-4 cr
- POLS 315 Diversity Law: Tribal Nations 3 cr
- POLS 341 International Conflict and Cooperation 3 cr
- POLS 490 Special Topics in Political Science* 3 cr
- SOCA 233 Criminology. 3 cr
- SOCA 234 Juvenile Delinquency/Juvenile Justice. . . 3 cr
- SOCA 323 Institutional Racism in America 3 cr
- SOCA 331 Deviant Behavior 3 cr
- SOCA 354 Class, Status, and Power 3 cr
- SOCA 356 Political Sociology. 3 cr
- SOCA 490 Special Topics in Sociology
and/or Anthropology*. 3 cr

* Only some special topics courses will be appropriate. See your program adviser for approval prior to registration.

Courses in Communication (COMM)

- 105 Public Speaking.....3 cr**
Prereq: None. Freq: Fall, Spring, Summer.
Fundamentals of speech composition, style, and delivery. Practical experience in informative, persuasive, and special occasion speaking. Not for audit.
- 107 Communication and the Human Condition.....3 cr**
Prereq: None. Freq: Fall, Spring.
A systematic inquiry into the consequences of how people in diverse cultural groups communicate for self, for others, and for the social worlds in which they live.
- 108 Media and Society.....3 cr**
Prereq: None. Freq: Fall, Spring.
Explores the intersection of media with social, economic, historical, and political spheres of contemporary life.
- 202 Group Communication.....3 cr**
Prereq: None. Freq: Occasionally.
Exploration of various concepts in group communication including group development, climate, problem solving, decision making, and power. Not for audit.
- 209 Communication Research Methods3 cr**
Prereq: COMM 107, 108 or consent of instructor.
Freq: Fall, Spring.
An overview of the major research methods used in communication, with several qualitative research methods presented in detail.
- 211 Communication Theory3 cr**
Prereq: COMM 107, 108 or consent of instructor. Freq: Fall, Spring.
A critical examination of the various theoretical approaches to the study of communication and the similarities and differences among them.

UNDERGRADUATE PROGRAMS

- 250 Media Message Design**.....3 cr
Prereq: COMM 107, 108, 209, and 211 or consent of instructor.
Freq: Fall, Spring.
 Introduction to a variety of applied media tools used in communication, including public service announcements, web page design, animation, audio and video production.
- 285 Introduction to Conflict Management**.....3 cr
Prereq: One of: COMM 107, HIST 101, PHIL 206, POLS 101, SOCA 101, or consent of program adviser. Freq: Fall, Spring.
 Trains students in the theory and practice of conflict management. Topics include conflict styles, power, face and third-party intervention.
- 290 Special Topics in Communication**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in communication will be examined.
- 303 Organizational Communication**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
 An examination of the role of communication in organizational settings. Topics include organizational communication theories and elements, and contemporary organizational systems and their functioning.
- 305 Public Relations and Society**3 cr
Prereq: Core courses and COMM 250 or consent of instructor.
Freq: Spring.
 A study of the partnership of public relations to the organizations and audiences it serves with practical experience in how organizations engage in public relations activities.
- 310 Communication in Everyday Life**3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
 A detailed examination of the role of communication in structuring and accomplishing everyday activities through the observation of human interaction in its social context.
- 315 Communication and Gender**3 cr
Prereq: Core courses or consent of instructor. Freq: Spring.
 An examination of the role of communication in the construction of gender, and the role of gender in the social organization and use of language and communication systems.
- 326 Marketing Communication and Society**3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
 A critical examination of the strategies and techniques of integrated marketing communication (IMC), with emphasis on promotions, advertising and consumer behavior. Exploration of implications of culture upon the process of IMC.
- 330 Communication and Socialization**3 cr
Prereq: Core courses and COMM 310 or consent of instructor.
Freq: Occasionally.
 Examines how children learn to communicate in three major settings: at home, in classrooms, and with peers. Focus on observations of real children in real contexts.
- 335 Language in Human Communication**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Occasionally.
 Exploration of the role of language in naming the social world and in producing and reproducing culture.
- 358 Methods of Teaching Communication**.....3 cr
Prereq: COMM 105, 107; admission to COMM major and TEDU program. Freq: Occasionally.
 Planning, teaching, and evaluation of learning in secondary school communication studies. Includes the teaching of public speaking, interpersonal communication, argumentation and debate, and coaching forensics activities. Off-campus clinical experiences are an integral part of this course.
- 360 Broadcasting, Telecommunications, and Society**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Spring.
 An examination of the social and political development and the nature and role of broadcast and telecommunications industries, as well as contemporary public policy issues.
- 361 Communication and Popular Culture**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Spring.
 The role of communication in the creation and reach of popular culture. The course examines popular music, art, entertainment, ideas, fads, ideologies, beliefs, fashions, and other communication-created human artifacts.
- 363 Communication and Ethnicity**.....3 cr
Prereq: COMM 107 or consent of instructor. Freq: Fall, Spring.
 Critical examination of communication practices which construct, maintain, transform, or threaten ethnic identity in a co-cultural context. May be repeated with different content. Emphasis rotates among African Americans, Asian Americans, Latino/a Americans, and Native American Indians. Cross listed as ETHN 363.
- 365 Intercultural Communication**3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
 Interpretive and critical approaches to understanding communication across cultural differences.
- 366 Communication and Popular Music**3 cr
Prereq: Core courses or consent of instructor. Freq: Spring.
 Explores the cultural politics of popular music as communication in contemporary society.
- 368 Children and the Media**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Yearly.
 A critical examination of the ways electronic media affect the lives of children. The course gives particular attention to research studies and current policy debates.
- 370 Communication and Social Change**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
 A critical examination of social movements. The course focuses on how grassroots movements mobilize constituencies and effect social change.
- 385 Strategies for Constructive Dialogue**.....3 cr
Prereq: COMM 285 or consent of instructor. Freq: Spring.
 Explores the means by which we might improve the quality of public communication in a participatory democracy. Practice with a variety of models for community conversations.
- 390 Special Topics in Communication**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in communication will be examined.

- 430 Cyberspace Communication**3 cr
Prereq: Core courses, COMM 105, 250, and junior standing or consent of instructor. Freq: Spring
 Critical analysis of computer-mediated communication, identity and community formation, and cyber-activism.
- 435 Understanding Advertising Messages**3 cr
Prereq: Core courses, COMM 105, 250 and junior standing or consent of instructor. Freq: Fall.
 Explores the role of advertising messages in identity formation as well as the functioning of social and economic institutions.
- 440 Communication Codes**3 cr
Prereq: Core courses, COMM 105, 250, 310 and junior standing or consent of instructor. Freq: Spring.
 An exploration and analysis of the structures, and consequences of various sign and symbolic communication codes including food, clothing, objects, etc.
- 445 Issues in Communication Theory and Research**3 cr
Prereq: Core courses, COMM 105, 250, and junior standing or consent of instructor. Freq: Fall.
 A critical analysis of how theory and research affect our lives and of the issues involved in understanding, evaluating, and using communication theory and research. May be repeated for credit with different content.
- 463 Gender, Race, and Class in Media**3 cr
Prereq: Core courses, COMM 105, 250 and junior standing or consent of instructor. Freq: Fall.
 Explores how mediated representations of gender, race, and class contribute to our cultural identities.
- 485 Designing Conflict Interventions**.....3 cr
Prereq: COMM 285 and 385 or consent of instructor. Freq: Fall.
 Practicum in planning, enacting and evaluating responses to conflicts in a public setting (school, business, or community).

- 490 Special Topics in Communication**1-4 cr
Prereq: Core courses or consent of instructor. Freq: Occasionally.
 Advanced selected topics in communication will be examined.
- 494 Communication Internship**1-3 cr
Prereq: COMM major, 2.80 GPA in the major, senior standing, and consent of instructor. Freq: Fall, Spring, Summer.
 Field experience combined with a guided, systematic and structured application of communication concepts. Consult internship director for procedures. May be repeated for a maximum of 6 credits. Up to 3 credits may be applied to the major.
- 495 Senior Seminar**.....3 cr
Prereq: Core courses, COMM 105, 250, graduating senior or consent of instructor. Freq: Fall, Spring.
 An intensive seminar for the purposes of assessing, integrating, and extending the student's intellectual grasp of the field. To be taken during a student's final semester.
- 499 Independent Study**.....1-3 cr
Prereq: Core courses and consent of instructor, department chair. Freq: Fall, Spring, Summer.
 Individual investigation of selected problems in communication. May be repeated for credit. Does not count toward the major.

Graduate Courses

- 702 Organizational Communication**.....3 cr
Prereq: Graduate standing and consent of instructor. Freq: Occasionally.
 Provides a framework for understanding communication processes and systems in organizations and how these relate to organizational performance.

COMMUNITY BASED LEARNING

Center for Community Partnerships • Tallent Hall • 262-595-3340

Institute for Community Based Learning • Tallent Hall • 262-595-3341 • 262-595-2599

Degree Offered:

None. A certificate in community based learning is offered.

Program Overview

Students may earn a certificate for community based learning applications in a specific subject area or in an interdisciplinary area. This is a coherent yet flexible program that documents students' experiences at putting theoretical concepts to use in applied community settings. This program contributes to the university's mission by formalizing our attempts to connect to the community in a consistent way through our curriculum.

Community based learning experiences are intended to strengthen students' ability to contribute meaningfully to the community, enhance their professional preparation and provide relevance through course work. Community based learning courses are designed to help students:

1. Become involved in civic affairs by:
 - a. Recognizing community problems that exist locally or globally,
 - b. Realizing their responsibility for solving them,
 - c. Acquiring the skills and knowledge to take action effectively,
 - d. Taking action;
2. Participate effectively in dialogue around community issues;
3. Maximize their learning of concepts presented in the classroom – in both major and General Education courses;
4. Understand how knowledge gained in the classroom can be applied to solving practical problems in both the workplace and in the larger community;
5. Develop skills such as teamwork, problem solving, and making presentations, both inside and outside of the classroom;
6. Gain skills in working with diverse groups.

The Community Based Learning program director, in consultation with the steering committee will review and approve each student's certificate program, ensuring that each entire program includes all of the above characteristics.

Certificate Requirements

The certificate is awarded for 10 credits of work, which must include the following:

1. Introduction to Community Based Learning (CBL 101), 2-3-credits
2. Credits earned for community based learning done in conjunction with regularly offered courses:
 - a. Courses listed in course catalog as community based learning (CBL) courses (other than the Introductory CBL 101 and Capstone CBL 495 courses);
 - b. Courses designated in the semester course schedule as carrying a certain number of CBL credits (which do not count as additional credits toward graduation); and/or
 - c. Credits negotiated with instructors for courses not designated with CBL credit in course schedule, for individual or collaborative community projects, with the approval of the CBL program steering committee.
3. Internships may be used for CBL credit and should conform to UW-Parkside policies and procedures for internships (see the Programs and Policies section of this catalog).
4. Capstone in Community Based Learning (CBL 495) course, 3-credits.

The introduction and capstone courses are required; other credits are arranged with instructors for individual courses, either by the program steering committee before each semester begins or by the individual student once in a particular course.

The steering committee for the Institute for Community Based Learning serves as the program steering committee. Current faculty members include Dirk Baldwin, Norm Cloutier, Susan Haller, Alan Goldsmith, Jerry Greenfield, Carol Lee Saffioti Hughes, Jonathan Shailor, John Skalbeck, Scott Thomson, Lillian Trager and Anne Statham (Chair). Academic staff members include Casey Jones, Roseann Mason, and Mark Marlaire. Community members include Cooperative Extension faculty Tedi Winnett and Jim Kennedy.

Courses in the Certificate for Community Based Learning

101 Introduction to Community Based Learning..... 2-3 cr

Prereq: None. Freq: Fall

This course prepares students for community based learning experiences by exposing them to relevant philosophical or theoretical approaches, good practice and applied exercises. Through this course, students gain a common understanding of the intent of these experiences, improving their ability to capitalize on the relevance for their academic and career objectives.

290 Special Topics in Community Based Learning.....1-3 cr

390 Special Topics in Community Based Learning.....1-3 cr

495 Capstone in Community Based Learning3 cr

Prereq: CBL 101 or consent of instructor. Freq: Spring

This course provides an integrative experience for students after they have completed extensive community based learning work, helping them connect these experiences more fully to other academic principles and to their occupational aspirations, and making certain all intended learning outcomes of the community based learning certificate have been accomplished. Students will do this integration while completing a major community project, with the support of other students also doing community projects, and also a portfolio documenting the value of the community based learning experience. Major community building perspectives and theories are incorporated into the course.

499 Independent Study in Community Based Learning1-4 cr

COMPUTER SCIENCE

Molinaro 248 • 262-595-2314 • Keyword: *Computer Science*

Degrees Offered:

Bachelor of Science in Computer Science.
Master of Science in Computer and Information Systems (see graduate section).

Associate Professors:

Hansen, Ph.D. (Chair)

Assistant Professors:

Lincke-Salecker, Ph.D.

Lecturers:

Eddy, M.S.; Knautz, M.S.

Student Organizations/Clubs:

Computer Science Club

Career Possibilities:

Software engineer, systems programmer, applications programmer, network administrator, systems developer, systems analyst, web developer.

Department Overview

The Computer Science Department offers strong academic programs that prepare students for work and continuing advancement in information technologies. The pervasive influence of computers in our everyday lives and the strategic importance that computing systems have in our economy and government require an increasingly educated and technologically aware citizenry as well as highly skilled and knowledgeable computing professionals who understand, design, implement and manage complex information systems.

The science of computing is relatively new, having emerged only in the 1960s as an academic discipline. The computer science major at UW-Parkside was established in 1979. Since the inception of the major, UW-Parkside's computer science graduates have found highly successful careers in computing and information technology throughout the region and the country.

Computing professionals must have a solid grounding of fundamentals as a basis for adapting to rapid changes in computing theory and practice. They must also have knowledge and experience with current methodologies which they can apply reliably to solve existing problems and to design systems that work. They must be able to work cooperatively with others and to communicate effectively. Combining theory, practice, and collaboration, the computer science major at UW-Parkside prepares students for successful careers in computing and information systems and contributes to their growth as professionals.

Laboratory experiences are integral components of many of the department's computer science courses. The department's comput-

er science laboratory conference area is open to computer science students for study and discussion. Computer science students use the laboratory's high-performance workstations, servers, and printing facilities – all available by card access during building hours – to carry out their programming and laboratory work.

The computer science major includes 63 credits in computer science, mathematics, engineering, and the sciences. In addition, students majoring in computer science fulfill a 9-credit computer science breadth requirement that includes courses in significant application domains such as science, mathematics, engineering, business and economics.

In collaboration with faculty in management information systems, the Computer Science Department offers a master of science in computer and information systems (MSCIS). See the Graduate Programs section of this catalog for detailed MSCIS degree requirements, admissions information, and courses.

The Engineering Department, in cooperation with the Computer Science Department, offers a computer engineering concentration in computer science. See the Engineering Department section of this catalog for more information.

The Computer Science Department and the Mathematics Department jointly offer a double major in computer science and mathematics. The degree requirements for this double major are listed below.

The Computer Science Department also offers a 34-credit computer science minor and certificates in World Wide Web publishing and UNIX system administration.

Preparation for Graduate School

The computer science major is excellent preparation for students seeking to do graduate work in computer science. Such students may wish to supplement the minimum requirements for a computer science major with additional courses in mathematics and the sciences.

Internships

Many businesses and industrial firms in the area hire UW-Parkside computer science students as part-time employees in computing-related jobs. In addition to facilitating these informal non-credit internships, the Computer Science Department sponsors a formal credit-bearing internship program with selected companies. In a formal internship, the student, the computer science faculty, and the student's company supervisor collectively agree on fixed-term internship objectives; progress toward meeting these objectives is evaluated periodically throughout the term. Students should contact the department chair for more information on formal and informal internships.

Computer Science Major Requirements for Graduation

In addition to meeting the general university requirements of a UW-Parkside degree, students seeking to graduate with a major in computer science must satisfy the following:

- Completion of computer science major requirements.
- Attainment of a minimum UW-Parkside cumulative GPA of 2.50 in all courses eligible to meet the student's computer science major requirements, including courses that meet the computer science major breadth requirement.

Computer science (CSCI) major required courses (72-73 credits):

Mathematics

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 309	Probability and Statistics	4 cr

Science

PHYS 201	General Physics I	5 cr
or		
CHEM 101	General Chemistry I	5 cr

Engineering

ENGR 250	Digital Logic and Computer Organization	4 cr
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Computer Science

CSCI 231	Discrete Math.	3 cr
CSCI 241	Computer Science I	4 cr
CSCI 242	Computer Science II.	4 cr
CSCI 331	Computational Models.	3 cr
CSCI 333	Programming Languages.	3 cr
CSCI 340	Data Structures and Algorithm Design. . .	3 cr
CSCI 355	Assembly Language Programming and Computer Architecture	4 cr
CSCI 370	Distributed Systems	3 cr
CSCI 380	Files and Databases.	4 cr
CSCI 475	Software Engineering Principles and Practice I	3 cr
CSCI 476	Software Engineering Principles and Practice II	3 cr
CSCI 495	Computer Science Seminar.	2 cr

Electives (select two)

CSCI 405	Artificial Intelligence.	3 cr
CSCI 409	Introduction to Human-Computer Interfaces.	3 cr
CSCI 420	Computer Graphics	3 cr
CSCI 440	Compiler Design and Implementation .	4 cr
CSCI 444	Event-Driven Programming	3 cr
CSCI 467	Computability and Automata	3 cr
CSCI 470	Operating System Implementation . . .	3 cr
CSCI 477	Computer Communications and Networks	3 cr
CSCI 480	Database Concepts	3 cr

Computer Science Breadth Requirement

Students must complete a package of 9 or more credits outside of computer science in a coherent collection of courses that are relevant to computer science and that meet the approval of the computer science faculty. Several such packages have been pre-approved, in areas such as mathematics, the sciences, engineering, business and economics. Pre-approved packages include:

- MATH 222 and 301
- MATH 222 and PHYS 202
- CHEM 102 and 215
- ENGR 100, 201, and 450
- ACCT 201, FIN 330, and MKT 350
- ECON 320 or 321, and two additional 300-level ECON courses
- GEOG 455, GEOG 460 and GEOG 465

Optionally, a student may submit an individually designed computer science breadth package of 9 or more credits for approval by the computer science faculty. See the department chair for details.

Computer Science/Mathematics Double Major (89-90 credits)

Students may satisfy graduation requirements for both computer science and mathematics by completing the degree requirements for computer science with PHYS 201 together with the following mathematics courses (which automatically satisfy the computer science breadth requirement):

MATH 222	Calculus and Analytic Geometry II . . .	5 cr
MATH 223	Calculus and Analytic Geometry III. . .	5 cr
MATH 301	Linear Algebra	4 cr
MATH 317	Differential Equations and their Applications	4 cr
MATH 350	Introduction to Real Analysis	4 cr
MATH 441	Abstract Algebra	4 cr

Students in the computer science/mathematics double major are encouraged to take computer science electives from the following list:

CSCI 405	Artificial Intelligence.	3 cr
CSCI 440	Compiler Design and Implementation .	4 cr
CSCI 467	Computability and Automata.	3 cr

Computer Science/Computer Engineering Concentration (83-86 credits)

See the Engineering Department section of this catalog for information about the computer science/computer engineering concentration.

Course Restrictions

Computer science courses are generally not available for audit. Those computer science courses numbered above 242 are open only to students with a UW-Parkside cumulative GPA of 2.50 in courses eligible to satisfy computer science major requirements, not including computer science breadth courses.

Disruption of Studies

Normally, students must meet the major requirements in effect at the time they declare a major; however, students majoring in computer science who do not attend continuously may be subject to the major requirements in effect upon their return. In particular, students who do not complete (with a passing grade) a computer science course numbered above 241 for four consecutive semesters will be subject to the major requirements in effect upon their next registration for a computer science course.

Substitutions

Requests for course substitutions to meet the requirements of the computer science major need the approval of the computer science faculty. In the case of the computer science/mathematics double major, substitutions require the approval of both the computer science faculty and the mathematics faculty. In the case of the computer science/computer engineering concentration, substitutions require the approval of both the computer science faculty and the engineering faculty.

Transfer Credits

In addition to the minimum UW-Parkside cumulative GPA requirement of 2.50 for courses in the major, students with transfer credits applying to the computer science major must also attain a minimum cumulative GPA of 2.50 in all course work required, including transfer credits.

Part-Time Study

The computer science major is available to both full-time and part-time students. Classes meet throughout the day, including evenings. Evening classes are offered on a restricted rotation basis to permit persons working full time during the day to complete major requirements during off-the-job hours. Contact the Computer Science Department chair for details.

Minor in Computer Science

Students seeking to minor in computer science must attain a minimum UW-Parkside cumulative GPA of 2.50 in all courses eligible to meet the student's computer science minor requirements.

Computer science minor required courses (23-26 credits)

Mathematics

MATH 221	Calculus and Analytic Geometry I	5 cr
or		
Math 142	Calculus with Business and Social Science Applications	3 cr

Computer Science

CSCI 231	Discrete Mathematics	3 cr
CSCI 241	Computer Science I	4 cr
CSCI 242	Computer Science II.	4 cr
CSCI 340	Data Structures and Algorithms	3 cr
or		
CSCI 380	Files and Databases	4 cr

Electives

At least 6 credit hours of CSCI courses numbered 331 or above, excluding CSCI 375.

Certificate in UNIX System Administration

The Computer Science Department offers a certificate in UNIX system administration that provides background and experience for students interested in careers in system administration. This certificate consists of the following courses:

Certificate in UNIX System Administration required courses (9 credits):

CSCI 241	Computer Science I	4 cr
CSCI 275	UNIX Concepts and Tools	2 cr
CSCI 375	UNIX System Administration	3 cr

Certificate in World Wide Web Publishing

In cooperation with the Art Department, the Computer Science Department offers a certificate in World Wide Web publishing. The certificate serves traditional students who want to augment their major and improve their employability by adding webmaster skills, as well as professionals interested in the essentials of webpage design. Individuals may enter the program at any point, depending on background and experience.

Certificate in World Wide Web publishing required courses (15 credits):

ART 102	Introduction to Two-Dimensional Design	3 cr
ART 277	Introduction to Web Design.	3 cr
CSCI 105	Introduction to Computers	3 cr
CSCI 220	Web Concepts I	3 cr
CSCI 322	Web Concepts II.	3 cr
or		
ART 377	Web Design for Designers	3 cr

Courses in Computer Science (CSCI)

105 Introduction to Computers.....3 cr

Prereq: None. Freq: Fall, Spring.

Computer components and principles of operation; the human-computer interface; basic networking; the Internet and the World Wide Web; elementary programming concepts. Two-hour lecture, two-hour lab.

- 106 Computer Productivity Tools**3 cr
Prereq: None. Freq: Fall, Spring.
 Introduction to computers, document processing, spreadsheets, and database management tools. Two-hour lecture, two-hour lab.
- 130 Introduction to Programming**.....1 cr
Prereq: MATH 111 or equivalent. Freq: Fall, Spring.
 Fundamentals of a programming language: input/output, variables and assignment, program control and subroutines.
- 220 Web Concepts I**3 cr
Prereq: CSCI 105 or consent of instructor. Freq: Fall.
 Web client programming concepts. web site authoring, dynamic web pages, object usage, events and event driven programming, markup languages, document object model. Two-hour lecture, two-hour lab.
- 231 Discrete Mathematics**3 cr
Prereq: MATH 221 (for purposes of the minor only, MATH 142 may be used in place of MATH 221). Freq: Fall, Spring.
 Sets; the number system; Boolean algebra; formal logic and proofs; relations and functions; combinatorics and recurrence relations; graphs and trees. Cross listed as MATH 231.
- 241 Computer Science I**4 cr
Prereq: Exposure to programming; MATH 142 or MATH 221 or concurrent registration. Freq: Fall, Spring.
 Organization and characteristics of computers, algorithms and programs, fundamentals of programming in a high-level language, and introduction to object-oriented programming. Three-hour lecture, two-hour lab.
- 242 Computer Science II**.....4 cr
Prereq: CSCI 231 or concurrent registration and CSCI 241. Freq: Fall, Spring.
 Programming style, string manipulation, searching and sorting, data structures, files and records. Three-hour lecture, two-hour lab.
- 245 Assembly Language Programming**3 cr
Prereq: CSCI 241. Freq: Occasionally.
 Organization of computers, digital representation of data, symbolic coding and assembler systems, instructions, addressing modes, program segmentation and linkage, and applications.
- 275 UNIX Concepts and Tools**2 cr
Prereq: CSCI 241 or equivalent programming experience. Freq: Fall.
 Concepts and tools for UNIX including file system organization, directory and file manipulation, UNIX processes, editors, text formatting software, filters, X11 windows interface, compiler tools, interacting with other users, interacting with Internet hosts, text processing systems, make files, and shell scripting.
- 290 Special Topics in Computer Science**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Elementary topics in computer science.
- 296 Professional Certification**.....1-6 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer
 Instruction and laboratory work preparing students to take professional certification examinations. Credits will vary depending on certification program. Special laboratory fees, add/drop deadlines, and fee refund policies may apply.
- 322 Web Concepts II**.....3 cr
Prereq: CSCI 220 or consent of instructor. Freq: Spring.
 Server-side programming concepts; server architectures; relational databases and database connectivity; dynamic web pages; form processing; web services. Two-hour lecture, two-hour lab.
- 331 Computational Models**3 cr
Prereq: CSCI/MATH 231. Freq: Fall.
 Regular languages, finite automata, context-free languages and grammars, push-down automata, Turing machines, algorithms and the Church-Turing thesis, and decidability.
- 333 Programming Languages**.....3 cr
Prereq: CSCI 242 and 331. Freq: Spring.
 Introduction to the syntax and semantic issues in programming languages and their effect on language implementation. This includes methods to specify languages, data storage, and the sequence of control in programs. Non-procedural languages, including functional and logic languages, will be examined.
- 335 Functional Programming**2 cr
Prereq: CSCI 333. Freq: Occasionally.
 The functional programming paradigm; data structures, primitive functions, functional forms, and evaluation; major functional programming languages (Common LISP, Scheme, etc.); recursion; scope rules; functions as data; storage management; symbol processing; and object-oriented extensions.
- 340 Data Structures and Algorithm Design**3 cr
Prereq: CSCI 242. Freq: Spring.
 Study of the design, implementation and analysis of computer algorithms; time and space requirements for sorting, searching, graph theory, mathematics and string processing algorithms.
- 355 Assembly Language Programming and Computer Architecture**4 cr
Prereq: ENGR 250. Freq: Spring.
 Organization of computers, the role of performance; processor design and microcode; symbolic coding; assembly systems; assembly language: instructions and addressing modes, instruction set design, traps and interrupts; architecture: performance consideration, pipelining, and memory hierarchies.
- 368 Mathematical Modeling**.....3 cr
Prereq: MATH 222; MATH 250 or CSCI 242. Freq: Occasionally.
 Survey of mathematical models, models involving differential equations, probabilistic models, Markovian models, simulation, and Monte-Carlo methods. Cross listed as MATH 368.

- 370 Distributed Systems**3 cr
Prereq: CSCI 242 and 355. Freq: Fall.
 Operating system concepts, process definition and implementation, deadlock, memory management and protection, distributed system architecture, and case studies.
- 375 UNIX System Administration**.....3 cr
Prereq: CSCI 275. Freq: Spring.
 UNIX system administration concepts and techniques including system organization, kernel configuration, device management, system files and runtime maintenance, software configuration and installation, and network configuration; comparison of UNIX with other operating systems. Laboratory work included.
- 380 Files and Databases**.....4 cr
Prereq: CSCI 242. Freq: Fall.
 Data storage, file organization, file access techniques including indexing and hashing. Data modeling and relational database concepts.
- 405 Artificial Intelligence (AI)**3 cr
Prereq: CSCI 333. Freq: Occasionally.
 Background on AI and AI techniques including search, game playing, and knowledge representation. Specific sub-disciplines of AI including natural language processing and robotics. Programming assignments in LISP.
- 409 Introduction to Human-Computer Interfaces**.....3 cr
Prereq: Any 300-level CSCI course and MATH 309. Freq: Occasionally.
 An introduction to the field of human-computer interaction including the user interface development process, human memory, perception, and motor abilities as they relate to user interface design. Qualitative overview of descriptive and inferential statistics. Students design a low-tech prototype of a user interface (user and task analysis, design, and evaluation).
- 420 Computer Graphics**3 cr
Prereq: CSCI 340. Freq: Occasionally.
 Graphics hardware and software, techniques for representation and visualization, two- and three-dimensional transformations, concepts and techniques of visual realism.
- 440 Compiler Design and Implementation**4 cr
Prereq: CSCI 333 or concurrent registration. Freq: Occasionally.
 Theory, design and implementation of compilers and other syntax-directed systems. Applies techniques of finite state machines, lexical analysis, symbol tables, parsing, storage allocation and code generation to the development of a compiler. Laboratory work included.
- 444 Event-Driven Programming**.....3 cr
Prereq: CSCI 370. Freq: Occasionally.
 Origins of events; the event-driven programming model; interrupt processing as event handling; client-server architectures; windowing environments and GUI programming; development support software; case studies; and student project.
- 467 Computability and Automata** 3 cr
Prereq: CSCI 331 or consent of instructor. Freq: Occasionally.
 Turing machines, recursive functions, Kleene's T Predicate, Ackermann's function, finite automata, grammars and languages. Cross listed as MATH 467.
- 470 Operating System Implementation**3 cr
Prereq: CSCI 370. Freq: Occasionally.
 Operating system design including memory management, inter-process communication, protection, distributed systems, multiprocessor systems, network services, file systems, exception handling and system configuration.
- 475 Software Engineering Principles and Practice I**.....3 cr
Prereq: Any 300-level CSCI course or consent of instructor. Freq: Fall.
 Software design as an engineering discipline; project management, verification and validation, software engineering models, measurements, cost estimation, and formal methods.
- 476 Software Engineering Principles and Practice II**.....3 cr
Prereq: CSCI 475. Freq: Spring.
 Continuation of CSCI 475; further work on a significant team project; includes oral presentations and written documentation.
- 477 Computer Communications and Networks**3 cr
Prereq: CSCI 370. Freq: Occasionally.
 Transmission protocols, layered network protocols, network topology, message routing, performance analysis, security, and case studies.
- 480 Database Concepts**.....3 cr
Prereq: CSCI 380. Freq: Occasionally.
 The relational model; database design; SQL; non-relational database models; operational considerations; and distributed and object-oriented databases.
- 490 Special Topics in Computer Science**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Advanced topics in computer science with applications.
- 493 Internship in Computer Science**1-2 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
 Participation in the technical activities of an ongoing organization under the joint guidance and supervision of a member of the organization and member of the faculty. Grading will be on a credit/no-credit basis. A student may register and receive credit in this course for a maximum of 6 credits.
- 494 Cooperative Education**1-2 cr
Prereq: Junior standing and consent of instructor. Freq: Occasionally.
 Participation in the Cooperative Education Program offered by the division, which provides alternate classroom and field work experience under faculty supervision. Maximum of 2 credits per work period and up to a total of 6 credits.
- 495 Computer Science Seminar**.....2 cr
Prereq: Any 300-level CSCI course or consent of instructor. Freq: Fall, Spring.
 Computer ethics, the computing profession, current trends in information technology, career opportunities; oral presentations included.
- 499 Independent Study**1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
 Independent work on a specific problem in computer science under the supervision of faculty.

UW-PARKSIDE AND UW-MILWAUKEE CONSORTIAL GRADUATE PROGRAMS IN EDUCATION

Administrative Leadership

The University of Wisconsin-Parkside and the University of Wisconsin-Milwaukee collaborate to provide a sequence of courses that lead to a master of science in administrative leadership and/or certification as a school principal. All courses are taught on the UW-Parkside campus, making them accessible to residents of Racine and Kenosha counties. The program is designed to be completed in two years, although it can be extended beyond this period. The degree is awarded by UW-Milwaukee.

The Administrative Leadership Department at UW-Milwaukee, in cooperation with UW-Parkside, is committed to the development of educational leaders, particularly for service in urban metropolitan areas. We believe that excellent educational leaders nurture leadership among others in the school community; create positive work environments for staff, students and parents; and contribute to the improvement of teaching and learning. The collaborative program prepares principals who are change agents: leaders who are adept at using teams, who are able to diagnose current conditions, who understand how complex systems work, who are able to instill a shared vision, and who can create curriculum and instructional alternatives so students can attain high standards.

Admission

Admission is through UW-Milwaukee. Students are admitted as regular graduate students seeking a master's degree or as non-degree students seeking certification only.

Additional information and application materials may be obtained from:

Administrative Leadership Department
UW-Milwaukee
PO Box 413, Enderis Hall 615
Milwaukee, WI 53201-0413
(414) 229-4740
E-mail: adldsp@uwm.edu
Website: www.adldsp.soe.uwm.edu

Thirty-three credits are required for the master's degree.

UW-Milwaukee Courses

- AD LDSP 702 Leadership in Educational Organizations 3 cr
- AD LDSP 710 Organization Change & Team Leadership. 3 cr
- AD LDSP 712 Instructional Supervision 3 cr

- AD LDSP 732 Politics of Education. 3 cr
- AD LDSP 752 School Law. 3 cr
- AD LDSP 762 Management of Educational Resources. 3 cr
- AD LDSP 772 The Principalship 3 cr
- AD LDSP 782 Principalship Field Practicum 3 cr

UW-Parkside Courses

- TEDU 701 Curriculum Planning 3 cr
- Electives: 6 credits of related courses for masters students.

UW-Parkside Graduate Courses (TEDU)

- 701 Curriculum Planning 3 cr
Prereq: None. Freq: Collaborative grid.
Concepts of elementary and secondary curriculum in modern American education. Foundation principles and major objectives.
- 702 Supervision of Instruction. 3 cr
Prereq: None. Freq: Collaborative grid.
School administrators and supervisors are provided with the skills and knowledge needed to improve instruction including leadership theories and styles, motivation, observation, evaluation and feedback.
- 703 Multicultural Education. 3 cr
Prereq: Human relations course or equivalent. Freq: Collaborative grid.
Examination of personal responses to sexism, racism and other forms of bias; a study of theories, behaviors, and training skills for multicultural education.
- 704 Contemporary Issues in Education 3 cr
Prereq: None. Freq: Collaborative grid.
Identification of current educational issues and models for solving these problems.
- 705 Analysis of Instruction 3 cr
Prereq: Educational psychology course. Freq: Collaborative grid.
The course will focus on the various facets of instructional design including information processing, sequencing of teaching and learning, and the effect of teaching styles.
- 706 Political Contexts of Schooling. 3 cr
Prereq: None. Freq: Collaborative grid.
Provides potential educational leaders and community people opportunity to examine the social, political, and environments which impact upon the educational enterprise.

GRADUATE PROGRAMS

CRIMINAL JUSTICE

Molinaro 362 • (262) 595-3416 • www.uwp.edu/academic/criminal.justice

Degree Offered:

Bachelor of Arts.

Professor:

Takata, Susan, Ph.D.

Associate Professor:

Ross, Lee, Ph.D. (Chair)

Assistant Professors:

Alan W. Clarke, J.D., LL.M.; Elechi, Oko, Ph.D.

Career Possibilities:

The criminal justice major is designed to provide a broad-based liberal arts education for undergraduates interested in careers in criminal justice and criminal law. Increasingly, criminal justice agencies require bachelor's degrees for entry level and management positions. Possible career opportunities include federal, state, and local law enforcement, probation and parole officers, youth counselors, private investigators, criminal investigators, correctional officers, intelligence analysts, legal assistants, domestic violence counselors, victim-witness advocates and counselors, statistical research analysts, court administrators, customs officers, and border patrol agents.

Department Overview

The criminal justice major is an interdisciplinary field with emphasis on the social sciences. Criminal justice examines the scientific study of the structure and function of law enforcement, the courts and corrections. In other words, criminal justice examines decision-making processes, operations and justice-related issues.

Preparation for Graduate School

The criminal justice major provides preparation for professional and graduate studies in law, criminology, criminal justice, sociology, public administration, and other related fields.

Requirements for Admission to the Criminal Justice Major

In order to declare a major in criminal justice, the student must have passed CRMJ *101 Introduction to Criminal Justice with a grade of C or better and have an overall GPA of at least 2.25.

Requirements for Graduation from the Criminal Justice Major

This 39-credit major includes a core of 21 credits of criminal justice courses, a research methods course (3 credits), and 15 credits of upper level electives. At least 15 credits of upper level courses in the major must be completed at UW-Parkside. An internship is strongly recommended. GPA within the major upon graduation must be a minimum of 2.0.

A. Core Courses (21 credits)

- CRMJ 101* Introduction to Criminal Justice 3 cr
- CRMJ/
SOCA 233 Criminology 3 cr
- CRMJ/
SOCA 234 Juvenile Delinquency/Juvenile Justice . . 3 cr
- CRMJ/
SOCA 235 Police and Society 3 cr
- CRMJ 316 Criminal Justice Procedures 3 cr
- or**
- POLS 351 Constitutional Law:
Criminal Procedure. 3 cr
- CRMJ/
SOCA 363 Corrections 3 cr
- CRMJ 380 Criminal Law 3 cr
- Strongly recommended, but not required:
- POLS 100 American Politics 3 cr
- SOCA 101 Introduction to Sociology 3 cr

B. Research Methods (3 credits)

- CRMJ 200 Research Methods. 3 cr
- Or equivalent methods/statistics course approved by the criminal justice adviser.

C. Upper Level Electives (15 credits)

Students may satisfy this requirement by completing any five of the following courses:

- CRMJ 305 Domestic Violence 3 cr
- CRMJ 325 Restorative Justice 3 cr
- CRMJ 335 Liability Issues in Criminal Justice . . . 3 cr
- CRMJ 345 White Collar Crime 3 cr
- CRMJ/
SOCA 352 Law and Social Change. 3 cr
- CRMJ 355 Forensic Evidence 3 cr
- CRMJ/
SOCA 365 Race, Crime and Law 3 cr
- CRMJ/
SOCA 368 Victimology 3 cr
- CRMJ 375 Criminal Court Process 3 cr
- CRMJ 290 Special Topics (** General Elective) . . 3 cr
- CRMJ 490 Special Topics 3 cr
- CRMJ 494 Criminal Justice Internship 3 or 6 cr
- CRMJ 499 Independent Study 1-4 cr
- PHIL 320 Value Theory: Punishment 3 cr
- PHIL 328 Ethics in the Criminal Justice System . . 3 cr
- POLS 310 Constitutional Law: Civil Liberties. . . 3 cr
- POLS 315 Diversity Law: Tribal Nations 3 cr
- POLS 316 Diversity Law: African Americans. . . . 3 cr

UNDERGRADUATE PROGRAMS

POLS 320	Constitutional Law: The Structure of Government.	3 cr
SOCA 310	Forensic Anthropology	3 cr
SOCA 359	Sociology of Law	3 cr

* General education requirement course/BOK

** General elective, not upper-division elective

Requirements for the Criminal Justice Minor

The minor in criminal justice consists of a minimum of 24-26 credits, distributed as follows:

Required Courses (12 credits)

CRMJ 101*	Introduction to Criminal Justice.	3 cr
and 9 credits from the following courses:		
CRMJ/ SOCA 233	Criminology	3 cr
CRMJ/ SOCA 234	Juvenile Delinquency/Juvenile Justice . . .	3 cr
CRMJ/ SOCA 235	Police and Society	3 cr
CRMJ 316	Criminal Justice procedures	3 cr
or		
POLS 351	Constitutional Law: Criminal Procedure.	3 cr
CRMJ/ SOCA 363	Corrections	3 cr
CRMJ 380	Criminal Law	3 cr

Upper Level Electives (9 credits)

CRMJ 305	Domestic Violence	3 cr
CRMJ 325	Restorative Justice	3 cr
CRMJ 335	Liability Issues in Criminal Justice	3 cr
CRMJ 345	White Collar Crime	3 cr
CRMJ/ SOCA 352	Law and Social Change.	3 cr
CRMJ 355	Forensic Evidence	3 cr
CRMJ/ SOCA 365	Race, Crime and Law	3 cr
CRMJ/ SOCA 368	Victimology	3 cr
CRMJ 375	Criminal Court Process	3 cr
CRMJ 0290	Special Topics (** General Elective) . . .	3 cr
CRMJ 490	Special Topics	3 cr
CRMJ 494	Criminal Justice Internship	3 or 6 cr
CRMJ 499	Independent Study	1-4 cr
PHIL 320	Value Theory: Punishment	3 cr
PHIL 328	Ethics in the Criminal Justice System . .	3 cr
POLS 310	Constitutional Law: Civil Liberties. . . .	3 cr
POLS 315	Diversity Law: Tribal Nations	3 cr
POLS 316	Diversity Law: African Americans	
POLS 320	Constitutional Law: The Structure of Government.	3 cr
SOCA 310	Forensic Anthropology	3 cr
SOCA 359	Sociology of Law	3 cr

* General education requirement course/BOK

** General elective, not upper-division elective

Research Methods/Statistics (3-5 credits)

CRMJ 200 Research Methods. 3 cr

Or equivalent methods/statistics course approved by the criminal justice adviser.

Courses in Criminal Justice (CRMJ)

101 Introduction to Criminal Justice 3 cr

Prereq: None. Freq: Fall, Spring, Summer.

A study of the agencies and processes involved in the criminal justice system—the police, the prosecutor, the public defender, the courts, and corrections. An analysis of the roles and problems of criminal justice agencies in a democratic society, with an emphasis upon intercomponent relations and checks and balances.

200 Criminal Justice Research Methods 3 cr

Prereq: CRMJ 101 or POLS 100. Freq: Fall, Spring, Summer.

Methods, philosophy and sources of criminal justice research. Required for the major and minor in criminal justice.

233 Criminology 3 cr

Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor.

Freq: Yearly.

Examination of past and current theory and research. Crime as a consequence of social, economic, political and personal factors. Critique of approaches to prevention and correction. (Cross listed as SOCA 233.)

234 Juvenile Delinquency/Juvenile Justice 3 cr

Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor.

Freq: Yearly.

Conceptions of juvenile delinquency; the juvenile offender in the juvenile justice system; the philosophy, structure and function of juvenile courts; philosophy, development, and organization of diversion, detention and treatment of the juvenile offender. (Cross listed as SOCA 234.)

235 Police and Society 3 cr

Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor.

Freq: Yearly.

A study of the various levels, roles, and functions of law enforcement in America. The nature and responsibilities of law enforcement are discussed and evaluated, including police accountability and civil liability. Examines the racial, ethnic and gender issues in law enforcement. (Cross listed as SOCA 235.)

290 Special Topics in Criminal Justice 3 cr

Prereq: Consent of instructor. Freq: Occasionally.

Selected topics in criminal justice will be examined. (General elective only, not upper-division elective.)

305 Domestic Violence 3 cr

Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.

Examination of the criminal justice response to domestic violence, which includes child abuse, spousal abuse, elder abuse, date rape, and others. Students are expected to broaden their knowledge of the prevalence and extent of domestic violence and to explore strategies for treatment and prevention.

- 316 Criminal Justice Procedures**3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor.
Freq: Spring.
 This course provides a selective analysis of the constitutional amendments most relevant to criminal justice process. Designed to complement criminal law and criminal court process, it offers a comprehensive explanation of the Fourth, Fifth, Sixth, Eighth, and 14th amendments; more commonly known as the criminal justice amendments. (Note: Students are also free to take POLS 351 Constitutional Law: Criminal Procedure to satisfy this requirement.)
- 325 Restorative Justice**3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* or consent of instructor. Freq: Spring.*
 This course examines the basic principles of restorative justice and its variants, such as transformative justice, peace-making criminology, and community justice systems. Restorative justice is contrasted with the dominant retributive/punitive model of justice. The position of the victim, offender, and the community within the context of restorative justice will also be explored and examined.
- 335 Liability Issues in Criminal Justice**.....3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* or consent of instructor. Freq: Spring*
 Liability Issues in criminal justice focuses on the constitutional and statutory rules governing liability for governmental actions resulting in harm to citizens under civil rights laws.
- 345 White Collar Crime**3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* or consent of instructor. Freq: Spring*
 This course covers a variety of issues in white collar and corporate crime including the kinds of offenses officially defined in the law as white collar crime. Criminological theories about white collar crime, including controversies over how it is defined, will be reviewed.
- 352 Law and Social Change**.....3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Yearly.
 This course will provide a broad theoretical background against which to explore policies in the system of law, in definition and enforcement of the law, and to follow those policies as they have been and are presently affected by social change. (Cross listed as SOCA 352.)
- 355 Forensic Evidence**.....3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* or consent of instructor. Freq: Yearly*
 This course covers a variety of issues in forensic evidence including the types of scientific evidence frequently encountered in the courts. Particular emphasis on scientific evidence in criminal court proceedings and a few selected cases involving introduction of scientific evidence in the courts, will be reviewed.
- 363 Corrections**3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Yearly.
 Analysis of the organization of correctional agencies and the role of corrections in the criminal justice system. Review of theories, practices, systems, and treatment methods. (Cross listed as SOCA 363.)
- 365 Race, Crime and Law**.....3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* , jr standing.*
Freq: annually
 This course explores the intersections of race, crime and law in terms of the historical context, the present-day situation and future directions. From law enforcement to courts and corrections, this course focuses on the multiple perspectives from offender to victim to criminal justice practitioner. (Cross listed as SOCA 365.)
- 368 Victimology**3 cr
Prereq: CRMJ 101, or SOCA 100 or 101 or consent of instructor. Freq: Yearly.
 An examination of the causes and consequences of crime victimization. The history and recent re-emergence of the study of the victim, the types and circumstances of criminal victimization. The course addresses victims' rights and the victims' rights movement. (Cross listed as SOCA 368.)
- 375 Criminal Court Process**.....3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* or consent of instructor. Freq: Yearly*
 This course will cover the criminal court process from the formal charging of criminal cases through sentencing. It will involve an examination of the manner in which cases move through the criminal court system and also analyze the roles of the various participants in the criminal court process, as well as the political, social and ethical dilemmas they face as individuals and as part of the criminal court process.
- 380 Criminal Law**3 cr
Prereq: CRMJ 101 and POLS 200 or equivalent. Freq: Yearly.
 An analysis of substantive criminal law. Included are elements of crime; crimes against person, property and public morality; complicity; and inchoate crime.
- 490 Special Topics in Criminal Justice**.....3 cr
Prereq: CRMJ 101 and junior standing, or consent of instructor. Freq: Occasionally.
 Selected topics in criminal justice are offered and the content varies from semester to semester.
- 494 Criminal Justice Internship***3 -6 cr
Prereq: CRMJ 101 or POLS 100, junior standing, criminal justice major or minor. Freq: Fall, Spring, Summer.
 Students are required to fulfill a minimum of 104 hours in the field as part of the internship. Potential host agencies include police agencies, correctional and judicial placements, residential treatment facilities and a host of local, state and federal law enforcement placements.
- 499 Independent Study**1-4 cr
Prereq: Criminal justice major; junior standing, overall GPA of 2.75 or 3.0 within the major, and consent of instructor. Freq: Fall, Spring, Summer.
 Independent work on specific problems in criminal justice under faculty supervision. Eligible areas of study include topics that are not explored sufficiently in the existing curriculum.

* Only 3 credits of the 6 credits can be used to fulfill criminal justice upper-division elective credit.

CRIMINAL JUSTICE

Molinaro 362 • 262-595-3416 • Keyword: *Criminal Justice*

Degree Offered:

Bachelor of Arts.

Professor:

Rome, Ph.D., Takata, Ph.D., (Chair)

Assistant Professor:

Elechi, Ph.D.; Warren, Ph.D.

Career Possibilities:

The criminal justice major is designed to provide a broad-based liberal arts education for undergraduates interested in careers in criminal justice and criminal law. Increasingly, criminal justice agencies require bachelor's degrees for entry-level and management positions. Possible career opportunities include federal, state, and local law enforcement, probation and parole officers, youth counselors, private investigators, criminal investigators, correctional officers, intelligence analysts, legal assistants, domestic violence counselors, victim-witness advocates and counselors, statistical research analysts, court administrators, customs officers, and border patrol agents.

Department Overview

The criminal justice major is an interdisciplinary field with emphasis on the social sciences. Criminal justice examines the scientific study of the structure and function of law enforcement, the courts and corrections. In other words, criminal justice examines decision-making processes, operations and justice-related issues.

Preparation for Graduate School

The criminal justice major provides preparation for professional and graduate studies in law, criminology, criminal justice, sociology, public administration, and other related fields.

Requirements for Admission to the Criminal Justice Major

In order to declare a major in criminal justice, the student must have passed CRMJ 101 Introduction to Criminal Justice with a grade of C or better and have an overall GPA of at least 2.25.

Requirements for Graduation from the Criminal Justice Major

This 39-credit major includes a core of 21 credits of criminal justice courses, a research methods course (3 credits), and 15 credits of upper-level electives. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. An internship is strongly recommended. GPA within the major upon graduation must be a minimum of 2.0.

A. Core Courses (21 credits)

CRMJ 101	Introduction to Criminal Justice.	3 cr
CRMJ 233	Criminology	3 cr
CRMJ 234	Juvenile Delinquency/Juvenile Justice . . .	3 cr
CRMJ 235	Police and Society.	3 cr
CRMJ 316	Criminal Justice Procedures	3 cr
CRMJ 363	Corrections.	3 cr
CRMJ 380	Criminal Law	3 cr

Strongly recommended, but not required:

POLS 100	American Politics	3 cr
SOCA 101	Introduction to Sociology.	3 cr

B. Research Methods (3 credits)

CRMJ 200	Research Methods.	3 cr
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Or equivalent methods/statistics course approved by the criminal justice adviser.

C. Upper-Level Electives (15 credits)

Students may satisfy this requirement by completing any five of the following courses:

CRMJ 305	Domestic Violence	3 cr
CRMJ 325	Restorative Justice.	3 cr
CRMJ 335	Liability Issues in Criminal Justice . . .	3 cr
CRMJ 345	White Collar Crime	3 cr
CRMJ 352	Law and Social Change.	3 cr
CRMJ 355	Forensic Evidence.	3 cr
CRMJ 359	Law and Society	3 cr
CRMJ 365	Race, Crime and Law	3 cr
CRMJ 368	Victimology	3 cr
CRMJ 370	The Psychology of Evil	3 cr
CRMJ 375	Criminal Court Process	3 cr
CRMJ 385	Media, Crime and Criminal Justice . . .	3 cr
CRMJ 387	Terrorism and Security	3 cr
CRMJ 388	Comparative and International Criminal Justice Systems.	3 cr
CRMJ 490	Special Topics	3 cr
CRMJ 494	Criminal Justice Internship.	3 cr
CRMJ 499	Independent Study	1-4 cr
PHIL 320	Value Theory: Punishment	3 cr

PHIL 328	Ethics in the Criminal Justice System . . .	3 cr
POLS 310	Constitutional Law: Civil Liberties . . .	3 cr
POLS 315	Diversity Law: Tribal Nations	3 cr
POLS 316	Diversity Law: African Americans	3 cr
POLS 320	Constitutional Law: The Structure of Government	3 cr
SOCA 310	Forensic Anthropology	3 cr
SOCA 359	Sociology of Law	3 cr

Requirements for the Criminal Justice Minor

The minor in criminal justice consists of a minimum of 24-26 credits, distributed as follows:

Core Courses (12 credits)

CRMJ 101	Introduction to Criminal Justice.	3 cr
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and 9 credits from the following core courses:

CRMJ 233	Criminology	3 cr
CRMJ 234	Juvenile Delinquency/Juvenile Justice . .	3 cr
CRMJ 235	Police and Society	3 cr
CRMJ 316	Criminal Justice Procedures	3 cr
CRMJ 363	Corrections	3 cr
CRMJ 380	Criminal Law	3 cr

Research Methods/Statistics (3-5 credits)

CRMJ 200	Criminal Justice Research Methods. . .	3 cr
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Or equivalent methods/statistics course approved by the criminal justice adviser.

Upper-Level Electives (9 credits)

CRMJ 305	Domestic Violence	3 cr
CRMJ 325	Restorative Justice.	3 cr
CRMJ 335	Liability Issues in Criminal Justice . . .	3 cr
CRMJ 345	White Collar Crime	3 cr
CRMJ 352	Law and Social Change.	3 cr
CRMJ 355	Forensic Evidence	3 cr
CRMJ 359	Law and Society	3 cr
CRMJ 365	Race, Crime and Law	3 cr
CRMJ 368	Victimology	3 cr
CRMJ 370	The Psychology of Evil	3 cr
CRMJ 375	Criminal Court Process	3 cr
CRMJ 385	Media, Crime and Criminal Justice . . .	3 cr
CRMJ 387	Terrorism and Security	3 cr
CRMJ 388	Comparative and International Criminal Justice Systems	3 cr
CRMJ 490	Special Topics	3 cr
CRMJ 494	Criminal Justice Internship	3 or 6 cr
CRMJ 499	Independent Study	1-4 cr
PHIL 320	Value Theory: Punishment	3 cr
PHIL 328	Ethics in the Criminal Justice System . .	3 cr
POLS 310	Constitutional Law: Civil Liberties . . .	3 cr
POLS 315	Diversity Law: Tribal Nations	3 cr
POLS 316	Diversity Law: African Americans	
POLS 320	Constitutional Law: The Structure of Government.	3 cr
SOCA 310	Forensic Anthropology	3 cr
SOCA 359	Sociology of Law	3 cr

Courses in Criminal Justice (CRMJ)

- 101 Introduction to Criminal Justice**3 cr
Prereq: None. Freq: Fall, Spring, Summer.
 An introduction to the study of agencies and processes involved in the criminal justice system: law enforcement, the courts, corrections, and juvenile justice. An analysis of the roles and problems within criminal justice agencies in a democratic society.
- 200 Criminal Justice Research Methods**.....3 cr
Prereq: CRMJ 101. Freq: Fall, Spring.
 Methods, philosophy and sources of criminal justice research.
- 233 Criminology**.....3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
 Examination of past and current theory and research. Crime as a consequence of social, economic, political and personal factors. Critique of approaches to prevention and correction. Cross-listed as SOCA 233.
- 234 Juvenile Delinquency/Juvenile Justice**3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
 Conceptions of juvenile delinquency; the offender in the juvenile justice system; the philosophy, structure and function of juvenile courts; the philosophy, development, and organization of diversion, detention and treatment of the juvenile offender. Cross-listed as SOCA 234.
- 235 Police and Society**3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
 A study of the various levels, roles, and functions of law enforcement in America. The nature and responsibilities of law enforcement are discussed and evaluated, including police accountability and civil liability. Examines the racial, ethnic and gender issues in law enforcement. Cross-listed as SOCA 235.
- 290 Special Topics in Criminal Justice**.....3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in criminal justice will be examined. General elective only, not upper-level elective.
- 305 Domestic Violence**3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
 An examination of the criminal justice response to domestic violence, which includes child abuse, spousal abuse, elder abuse, date rape, and others. The prevalence and extent of domestic violence as well as strategies for treatment and prevention are explored.
- 316 Criminal Justice Procedures**3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Fall.
 This course provides a selective analysis of the constitutional amendments most relevant to criminal justice process. Designed to complement criminal law and criminal court process, it offers a comprehensive explanation of the Fourth, Fifth, Sixth, Eighth, and 14th amendments; more commonly known as the criminal justice amendments.

UNDERGRADUATE PROGRAMS

- 325 Restorative Justice**3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Yearly.
 This course examines the basic principles of restorative justice and its variants, such as transformative justice, peacemaking criminology, and community justice systems. Restorative justice is contrasted with the dominant retributive/punitive model of justice. The position of the victim, offender, and the community within the context of restorative justice is also explored and examined.
- 335 Liability Issues in Criminal Justice**3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally
 Liability issues in criminal justice focuses on the constitutional and statutory rules governing liability for governmental actions resulting in harm to citizens under civil rights laws.
- 345 White Collar Crime**3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally
 This course covers a variety of issues in white collar and corporate crime including the kinds of offenses officially defined in the law as white collar crime. Criminological theories about white collar crime, including controversies over how it is defined, are reviewed.
- 352 Law and Social Change**3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Yearly.
 This course will provide a broad theoretical background against which to explore policies in the system of law, in definition and enforcement of the law, and to follow those policies as they have been and are presently affected by social change. Cross-listed as SOCA 352.
- 355 Forensic Evidence**3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally
 This course covers a variety of issues in forensic investigation including the types of scientific evidence frequently encountered in the criminal courts. Particular emphasis on scientific evidence in criminal investigations and a few selected cases involving introduction of scientific evidence, are reviewed.
- 359 Law and Society**3 cr
Prereq: CRMJ 101, SOCA 100 or 101. Freq: Occasionally.
 Selected legal rules, principles, and institutions treated from a sociological perspective. Influence of culture and social organization on law; role of law in social change; social aspects of the administration of justice; and social knowledge and law. Cross-listed as SOCA 359.
- 363 Corrections**3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
 Analysis of the organization of correctional agencies and the role of corrections in the criminal justice system. Review of theories, practices, systems, and treatment methods. Cross-listed as SOCA 363.
- 365 Race, Crime and Law**3 cr
Prereq: CRMJ 101 or SOCA 100 or 101, junior standing. Freq: Fall, Spring.
 This course explores the intersections of race, crime and law in terms of the historical context, the present-day situation and future directions. From law enforcement to courts and corrections, this course focuses on the multiple perspectives from offender to victim to criminal justice practitioner. Cross-listed as SOCA 365.
- 368 Victimology**3 cr
Prereq: CRMJ 101, or SOCA 100 or 101 or consent of instructor. Freq: Occasionally.
 An examination of the causes and consequences of crime victimization. The history and recent re-emergence of the study of the victim, the types and circumstances of criminal victimization. The course addresses victims' rights and the victims' rights movement. Cross-listed as SOCA 368.
- 370 Psychology of Evil**3 cr
Prereq: PSYC 220 or CRMJ 101, and consent of instructor. Freq: Fall.
 Cruelty and violence directed by one person or group to another is a major concern for all people. This course relies on the findings of learning theory, social psychology, and other areas of psychological research to explore the issue of human violence. The specific goal is to look beyond the perspective of the victim or observer to examine how the perpetrator of cruelty and violence views those acts. Cross-listed as PSYC 370.
- 375 Criminal Court Process**3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally
 An analysis of the criminal court process from the formal charging of criminal cases through sentencing. An examination of the manner in which cases move through the criminal court system.
- 380 Criminal Law**3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Spring.
 An analysis of substantive criminal law. Included are elements of crime; crimes against person, property and public morality; complicity; and inchoate crime.
- 385 Media, Crime and Criminal Justice**3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Yearly
 Examination of the interrelationship between the mass media, crime and criminal justice. Some topics covered: media and the social construction of crime; crime and justice in the entertainment and news media; media as a cause of crime; and media-based anti-crime efforts.
- 387 Terrorism and Security**3cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally
 This course explores and examines the phenomenon of terrorism from a global context. Focusing on a critical understanding of the history and theories of terrorism as well as the societal responses to terrorism, and the civil and human rights implications of such response.

- 388 **Comparative and International Criminal Justice Systems..3cr**
Prereq: CRMJ 101 or consent of instructor. Freq: Yearly
This course examines critically the theory and methods of comparative criminal justice. A survey of the procedures and processes employed by other countries to identify, adjudicate and respond to crime and deviant behaviors.
- 490 **Special Topics in Criminal Justice.....3 cr**
Prereq: CRMJ 101 and junior standing, or consent of instructor. Freq: Fall, Spring.
Selected topics in criminal justice are offered and the content varies from semester to semester.

- 494 **Criminal Justice Internship.....3-6 cr**
Prereq: Junior standing, criminal justice major, departmental permission required. Freq: Fall, Spring, Summer.
Field experience designed to further the student's integration of theory and practice in a professional setting. Potential placements include federal, state, county and municipal criminal justice or administrative law agencies or nonprofit residential treatment facilities. Limited enrollment. (Only 3 credits of the 6 credits can be used to fulfill the criminal justice upper-level elective credit.)
- 499 **Independent Study1-4 cr**
Prereq: Criminal justice major; junior standing, and consent of instructor. Freq: Fall, Spring, Summer.
Independent work on specific problems in criminal justice under faculty supervision. Eligible areas of study include topics that are not explored sufficiently in the existing curriculum.

ECONOMICS

Molinaro 367 • 262-595-2316 • Keyword: Economics

Degree Offered:

Bachelor of Arts.

Professors:

Cloutier, Ph.D.; Khan, Ph.D. (Chair)

Associate Professors:

Kaufman, Ph.D.; Rosenberg, Ph.D.

Lecturer:

Reid

Student Organizations/Clubs:

Economics Club.

Career Possibilities:

Graduates with a bachelor's degree in economics are employed in a wide variety of jobs in both the private and public sectors of the economy.

Department Overview

Economics is the study of rational choice among competing uses of scarce resources in light of social values and needs. One of the principal reasons to study economics is that it develops methods of thinking and analysis that can be directly applied to different problems in many contexts and areas of study. The undergraduate economics program is designed to provide students an opportunity to learn principles and methods of economics and their applications. All students are required to take basic core courses. In addition, the department offers a wide range of elective courses to offer students choices in meeting the elective requirements.

The general option is recommended for students who seek a broad experience in economics and do not expect to study economics in graduate school. The quantitative concentration is strongly recommended for students who expect to study economics in graduate school or who seek a career using quantitative methods.

Preparation for Graduate School

The economics program provides an excellent background for graduate work in business, law, or the social sciences. The quantitative concentration within the economics major is designed for students who expect to study economics or related fields in graduate school.

Internships

The internship in economics is a 1-3 credit learning experience in either the private or public sector for students with a 2.50 cumulative GPA and with department approval.

Requirements for the Economics Major

Students who major in economics must attain a minimum cumulative GPA of 2.25 in the major. Transfer students who major in economics must attain a minimum cumulative GPA of 2.25 in courses taken at UW-Parkside for the major as well as in combination with those transfer courses that have been applied toward major requirements. Courses in introductory accounting and computer skills are recommended.

Required Core Courses (15 credits)

The following courses, or their equivalents, are required of all students:

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr
QM 210	Business Statistics I	3 cr
ECON 320	Intermediate Micro Theory	3 cr
ECON 321	Intermediate Macro Theory	3 cr

Transfer students who major in economics must earn at least 3 credits in intermediate theory (ECON 320, 321 or 412) at UW-Parkside.

Option/Concentration in the Major (18-25 credits)

General Option

This option is recommended for students who seek a broad experience in economics and do not expect to study economics in graduate school. It consists of 33 credits to be completed as follows:

- A. Required core courses as reflected above (15 credits).
- B. Electives: A minimum of 18 credits in economics, including at least 12 credits in upper-level (300 and 400 level) courses.

Quantitative Concentration

This concentration is strongly recommended for students who expect to study economics in graduate school or seek a career using quantitative methods. It consists of 40 credits to be completed as follows:

- A. Required core courses as reflected above (15 credits).

B. Additional required courses:

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr
ECON 409	Introduction to Econometrics	3 cr
ECON 412	Managerial Economics	3 cr

C. Electives:

A minimum of 9 credits in economics, including at least 6 credits in upper-level (300 and 400 level) courses.

Comment: It is recommended that students do additional work in mathematics. Consult your economics adviser regarding recommended courses.

Requirements for the Economics Minor

Students who minor in economics must attain a minimum cumulative GPA of 2.25 in economics courses. Transfer students who minor in economics must attain a minimum cumulative GPA of 2.25 in economics courses taken at UW-Parkside as well as in combination with those transfer courses that have been accepted toward minor requirements. The minor consists of 18 credits to be completed as follows:

A. Required courses (9 credits):

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr

One of the following theory courses:

ECON 320	Intermediate Micro Theory	3 cr
ECON 321	Intermediate Macro Theory	3 cr

B. Electives:

A minimum of nine credits in economics including at least six credits in upper-level (300 and 400 level) courses.

Teacher Licensure

Students seeking teacher licensure in the economics major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore their course requirements may differ from those of the non-teaching major and minor.

Information about the teacher education program and additional requirements for licensure can be obtained from the Department of Economics or the teacher education adviser at 262-595-2100.

Courses in Economics (ECON)

Introductory Courses:

- 101 The American Economy**3 cr
Prereq: None. Freq: Fall, Spring.
 A one-semester terminal course for students not intending to major in economics or business management. A study of the economic system, emphasizing problems and policy. Not open to students with credit in ECON 120 or 121.
- 120 Principles of Microeconomics**3 cr
Prereq: Computational skills required. Freq: Fall, Spring, Summer.
 Consumer behavior and market demand, theory of the firm, competitive and imperfectly competitive product markets, and related contemporary economic policy issues.

- 121 Principles of Macroeconomics**.....3 cr
Prereq: Computational skills required. Freq: Fall, Spring, Summer.
 National income, unemployment, inflation, economic growth, and the monetary system. Students who elect an economics major after taking ECON 101 may substitute it for ECON 121 if they have received B or better.

Other Courses:

- 210 Contemporary Economic Issues**.....3 cr
Prereq: An intro course in economics. Freq: Occasionally
 Presentation and analysis of current economic issues utilizing departmental faculty as guest lecturers.
- 260 Industrial Organization and Public Policy**3 cr
Prereq: An intro course in economics. Freq: Occasionally.
 Patterns of market structure and business conduct are identified. Policies regarding collusive behavior and monopolization are discussed. Current regulatory issues are examined.
- 280 Comparative Economic Systems**3 cr
Prereq: An intro course in economics. Freq: Occasionally.
 Analysis of present-day functioning of different economic systems of economically advanced nations; comparison of principles of operations, and of social conditions and objectives where relevant.
- 290 Special Topics in Economics**.....1-3 cr
Prereq: An intro course in economics or consent of instructor. Freq: Occasionally.
 Examination of issues, problems and events of current interest. Subject matter varies. May be repeated with different topic.
- 300 Environmental Economics**3 cr
Prereq: ECON 120. Freq: Every third semester.
 Examines the relationships between economic behavior and environmental quality and analyzes environmental policies in terms of social benefits and costs, incentives and efficiency.
- 304 Economics of Urban Problems**.....3 cr
Prereq: ECON 101 or 120. Freq: Occasionally.
 Economic analysis of selected urban problems including housing, urban renewal, transportation, pollution, poverty, crime, and the financing of urban services.
- 305 Economics of Sports**3 cr
Prereq: An intro course in economics or consent of instructor. Freq: Alternate Falls.
 Economic issues in professional sports: labor relations, player salaries, ticket prices, franchise values, competitive balance, stadium financing, and market structure. Cross listed as HPED 305.
- 308 Economic Development**.....3 cr
Prereq: ECON 120, 121. Freq: Every third semester.
 Characteristics of underdeveloped areas; the main determinants of economic development; strategies for promoting economic development.
- 310 International Trade**3 cr
Prereq: ECON 120. Freq: Every third semester.
 Theories of international trade, government policy toward international trade, international trading arrangements and institutions. Cross listed as INTS 310.

- 311 International Finance**3 cr
Prereq: ECON 121. Freq: Every third semester.
 Foreign exchange markets, international monetary arrangements and investments, theories of balance of payments and exchange rates, open economy macroeconomics. Cross listed as INTS 311.
- 320 Intermediate Micro Theory**3 cr
Prereq: ECON 120, 121. Freq: Fall.
 Contemporary theory of production, pricing, consumption, and income distribution.
- 321 Intermediate Macro Theory**.....3 cr
Prereq: ECON 120, 121. Freq: Spring.
 Theory of national income distribution, income and employment theory, analysis of saving, investment and consumption.
- 325 American Economic History**.....3 cr
Prereq: ECON 101 or 120, or consent of instructor. Freq: Occasionally.
 Growth of the American economy from colonial times to the present. Cross listed as HIST 325.
- 330 The Economics of Gender**3 cr
Prereq: ECON 101 or 120. Freq: Occasionally.
 Feminist approaches to economic theory, gender differentials in the labor market, and women in the global economy.
- 366 Money and Banking**.....3 cr
Prereq: ECON 120, 121. Freq: Every third semester.
 Role of money; money production; operation of central and commercial banks; monetary economics; monetary policy; and international monetary systems.
- 367 Financial Institutions and Markets**.....3 cr
Prereq: ECON 120, 121. Freq: Occasionally.
 Financial institutions; money and capital markets; sources and uses of funds; and determination of market yields.
- 380 The Labor Market**.....3 cr
Prereq: ECON 120. Freq: Occasionally.
 Economic and social forces determining labor supply and demand, unemployment, labor mobility, human capital, discrimination by race and gender, and earnings inequality.
- 405 Public Economics**.....3 cr
Prereq: ECON 120, 121. Freq: Occasionally.
 Examines theories of public goods and externalities, collective choice, benefit-cost analysis and taxation; analyzes tax and expenditure policies and mechanisms to remedy market failures.
- 409 Introduction to Econometrics**3 cr
Prereq: ECON 120, 121, a statistics course. Freq: Occasionally.
 Basic theory and application of standard econometric techniques to economic issues. Topics covered: bivariate regression; multiple regression; problems of autocorrelation, multicollinearity, and heteroscedasticity; dummy variables; and forecasting.
- 412 Managerial Economics**3 cr
Prereq: ECON 120, 121, a statistics course and a calculus course. Freq: Occasionally.
 Microeconomic theory with emphasis on the making of business decisions; optimizing techniques, demand, production and cost theory; market structure; and pricing.

- 490 Special Topics in Economics**3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in economics will be examined.
- 492 Research Experience in Economics**1-3 cr
Prereq: Senior standing, 3.00 GPA, economics major with 21 ECON credits, consent of instructor. Freq: Spring, Summer, Fall.
 A supervised learning experience assisting in faculty research. No more than 3 credits may be applied toward economics major.
- 494 Economics Internship**1-3 cr
Prereq: 2.5 GPA, consent of instructor, department chair. Freq: Spring, Summer, Fall.
 A supervised learning experience in either the public or private sector. Enrollment dependent on availability of suitable placement opportunities. Credit may not be applied toward economics major or minor.
- 499 Independent Study**.....1-3 cr.
Prereq: Consent of instructor and department chair. Freq: Occasionally.
 Available to qualified students under supervision of individual instructor. Topics must be mutually agreed upon by student and professor.

Graduate Courses

- 761 Foundations of Economics**2 cr
Prereq: None. Freq: Spring.
 An introduction to economic theory emphasizing the techniques of economic analysis. The presentation of both price theory and aggregate economic analysis; includes illustrations of ways in which economic concepts are used to improve the quality of managerial decisions. Topics covered include the theory of demand and theory of the firm, operation of markets, determinants of aggregate output, monetary and fiscal policy, international trade and investment.
- 762 Managerial Economics**3 cr
Prereq: ECON 761 and BUS 712. Freq: Occasionally.
 Review and application of the analytical tools of economics used to solve business problems. Mathematical and statistical concepts will be reviewed and applied to problems of demand, production, cost and pricing. Students will be required to complete a term project in which the collection and analysis of economic data will be used to solve a business problem.
- 764 International Trade and Finance**2 cr
Prereq: ECON 761. Freq: Occasionally.
 An examination of topics in international trade and finance. Theories of international trade, trade policy, balance of payment accounts, foreign exchange markets, and theories of exchange rates.
- 767 Money, Financial Institutions and Markets**.....3 cr
Prereq: ECON 761. Freq: Occasionally.
 A review of monetary and banking operations, monetary theory and policy, the impact of macro-policy on business decisions, level and structure of interest rates, behavior and performance of financial markets and non-bank financial institutions.

ENGINEERING

Molinaro 248 • 262-595-2314 • Keyword: *Engineering*

The offerings in engineering are currently under review. Contact the department office for the latest information.

Degree Offered:

The Engineering Department offers engineering courses that may be transferable to degree-granting engineering programs. The department, in cooperation with the Computer Science Department, also administers the computer engineering concentration in the computer science major (CS/CE).

Professors:

Perdikaris, Ph.D.

Consortial programs are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (EAC/ABET).

Career Possibilities:

Computer engineer, electrical engineer, mechanical engineer, civil engineer, chemical engineer, materials engineer, design engineer, development engineer, project engineer.

Consortial Programs in Engineering

UW-Parkside has transfer agreements with other institutions that enable students to begin their studies in engineering at UW-Parkside and transfer to the other institution in order to complete a bachelor's degree in engineering. The most comprehensive agreement is with UW-Milwaukee. In addition, other agreements exist with UW-Madison, UW-Platteville, the Milwaukee School of Engineering, and Marquette University. Details are available from the department office.

UW-Milwaukee currently offers engineering programs in the following fields: civil engineering, electrical engineering, industrial engineering, materials engineering and mechanical engineering. These programs are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (EAC/ABET). The most current information concerning consortial programs is available in the department office.

The length of residence at UW-Parkside will be determined by the student's level of preparedness and his or her chosen semester course load. Full-time students can expect to spend two to three semesters at each campus. Well-prepared students willing to take a heavy course load can receive their bachelor's degree in four years.

Admission to the Pre-Engineering Phase of the Program

Students interested in the consortial program should apply for admission to UW-Parkside and should file a declaration of major form indicating pre-engineering. The declaration is an important step that will result in the student being assigned to an adviser knowledgeable about the consortial program. Students should discuss degree completion options with their adviser. Furthermore, the student may be required to satisfy the major requirements and general education requirements at the degree-granting institution that were in effect at the time of the declaration.

Admission to the Professional Engineering Program at Consortial Institutions

Pre-engineering students at UW-Parkside will generally be treated the same as pre-engineering students at UW-Milwaukee or at other schools. Various academic departments establish minimum GPAs for admission to engineering programs. Consult the Engineering Department office for the most recent requirements.

General Education Requirement

Students in the consortial program must meet the general education requirements of the College of Engineering and Applied Science (CEAS) at UW-Milwaukee (or other engineering schools, as appropriate) and not the UW-Parkside general university requirements.

Many of the general education courses at UW-Milwaukee (and other schools) have equivalencies at UW-Parkside. Consult the Engineering Department office for an up-to-date listing of these courses.

English Proficiency Examination

UW-Milwaukee requires that students pass a junior-level English proficiency examination. This examination may be taken at UW-Parkside. Consult the Engineering Department office for further information.

Computer Engineering

The computer engineering concentration is currently under review. Contact the department for the most recent information.

The computer engineering concentration in the computer science major (CS/CE) has a strong foundation in the physical sciences and is closely associated with the electrical and computer sciences. The computer engineering concentration offers students the opportunity to integrate computer hardware, computer software and modern mathematical methods for solving problems in a variety of industrial environments.

Requirements for the Major in Computer Science/Computer Engineering Concentration

1. Completion of CS/CE major requirements.
2. Attainment of a minimum UW-Parkside cumulative GPA of 2.50 in all courses eligible to meet the student's CS/CE major requirements.

Computer Science: Computer Engineering Concentration (CS/CE)

A. Math (18 Credits)

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr
MATH 317	Differential Equations and their Applications	4 cr
MATH 309	Probability and Statistics	4 cr

B. Physics (10 Credits)

PHYS 201	General Physics I	5 cr
PHYS 202	General Physics II	5 cr

C. English (3 Credits)

ENGL 202	Technical Writing	3 cr
or		
ENGL 204	Writing for Business and Industry	3 cr

D. Computer Science (24-28 Credits)

CSCI 231	Discrete Math.	3 cr
CSCI 241	Computer Science I	4 cr
CSCI 242	Computer Science II	4 cr
CSCI 333	Programming Languages	3 cr
or		
CSCI 380	Files and Databases*	4 cr
CSCI 340	Data Structures and Algorithm Design	3 cr
CSCI 355	Assembly Language and Computer Architecture	4 cr
CSCI 370	Distributed Systems	3 cr

* Requires CSCI 331

E. Engineering (18 Credits)

ENGR 231	Basic Electrical Science	3 cr
ENGR 250	Digital Logic and Computer Organization	4 cr
ENGR 328	Discrete-Time Systems Analysis	3 cr
ENGR 350	Microprocessors and Microcomputers	4 cr
ENGR 450	Real-Time Computer Applications	4 cr

F. Three from the following (9-10 Credits) with adviser's approval

ENGR 326	Control Systems	3 cr
ENGR 365	Numerical Methods	3 cr
ENGR 426	Digital Computer Control	3 cr
ENGR 455	Computer Architecture	3 cr
CSCI 405	Artificial Intelligence	3 cr
CSCI 409	Introduction to Human- Computer Interfaces	3 cr
CSCI 420	Computer Graphics	3 cr
CSCI 440	Compiler Design and Implementation	4 cr
CSCI 444	Event Driven Programming	3 cr
CSCI 470	Operating System Implementation	3 cr
CSCI 475	Software Engineering Principles and Practice I	3 cr
CSCI 477	Computer Communications and Networks	3 cr
CSCI 480	Advanced Databases	3 cr
Total	. . . . .	82-87 cr

Course Restrictions

CSCI courses are generally not available for audit. Those CSCI courses numbered above 242 are open only to students with a UW-Parkside cumulative GPA of 2.50 in courses eligible to satisfy computer science major requirements, not including computer science breath courses.

Disruption of Studies

Normally, students must meet the major requirements in effect at the time they declare a major; however, students majoring in CS/CE who do not attend continuously may be subject to the major requirements in effect upon their return. In particular, students who do not complete (with a passing grade) a CSCI course for four consecutive semesters will be subject to the major requirements in effect upon their next registration for a CSCI course.

Substitutions

Requests for course substitutions to meet CS/CE major requirements require the approval of both the computer science faculty and the engineering faculty.

Transfer Credits

In addition to the minimum UW-Parkside cumulative GPA requirement of 2.50 for courses in the major, students with transfer credits applying to the CS/CE major must also attain a minimum cumulative GPA of 2.50 in all course work required, including transfer credits.

Certificate in Digital Control Systems

The Engineering Department offers a certificate in digital control systems. The certificate may be taken independently or with the computer science major. Courses cover computer hardware, software, mathematical tools and methods necessary for designing, simulating, and implementing real-time systems in general, and computer-controlled systems in particular.

Certificate in Digital Control Systems - Required Courses

ENGR 328	Discrete-Time Systems Analysis	3 cr
ENGR 350	Microprocessors and Microcomputers	4 cr
ENGR 426	Digital Computer Control	3 cr
ENGR 450	Real-Time Computer Applications	4 cr

Students not meeting course prerequisites should consult the instructor.

Courses in Engineering (ENGR)

- 100 Engineering Design Graphics**.....3 cr
Prereq: None. Freq: Fall, Occasionally
 Principles and practices in engineering graphics. Introduction to elementary design concepts and application of engineering graphics in the design process. Introduction to computer graphics. Design projects.
- 102 Computational Tools for Engineers**1 cr
Prereq: None. Freq: Occasionally
 Introduction to the use of spreadsheets and equation solving software. Basic engineering and financial applications using these tools.
- 231 Basic Electrical Science**3 cr
Prereq: PHYS 202, MATH 317 or concurrent registration or consent of instructor. Freq: Occasionally.
 Properties of circuit elements, Kirchoff's laws, network theorems, transients in RL and RC networks; frequency domain steady state analysis; phasor concepts; power and energy; resonance; filters; polyphase circuits, introduction to computer aided analysis, transients in R-L-C networks. Laboratory work included.
- 250 Digital Logic and Computer Organization**4 cr
Prereq: CSCI 241. Freq: Fall, Occasionally.
 Logical functions and Boolean algebra, analysis and design of combinatorial logic and sequential logic systems, register transfer and data paths, computer organization and peripheral devices. Computer simulation and laboratory work included. Three-hour lecture, two-hour lab.

- 290 Special Topics in Engineering**.....1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in engineering will be examined.
- 326 Control Systems**.....3 cr
Prereq: MATH 317 or consent of instructor. Freq: Occasionally
 Introduction to control systems; time and frequency domain analysis; classical, transform, and state space methods; analysis and design of practical feedback control systems. Introduction to digital control. Computer-aided and lab work included.
- 328 Discrete-Time Systems Analysis**.....3 cr
Prereq: MATH 317 or consent of instructor. Freq: Occasionally
 Continuous and discrete-time systems, difference equations, Z transforms, digital filters and signal processing, state space representation. Computer-aided and lab work included.
- 350 Microprocessors and Microcomputers**4 cr
Prereq: ENGR 250. Freq: Occasionally
 Microprocessor registers and data manipulation, hardware, implementation of logic, input-output, instrumentation, hardware and software development. Laboratory work included.
- 365 Numerical Methods**3 cr
Prereq: CSCI 241 and MATH 222. Freq: Occasionally.
 Basic concepts of numerical error, solution of nonlinear equations, algorithms in linear algebra, interpolation, approximation, numerical differentiation and quadrature, solution of ordinary differential equations.
- 370 Computer-Aided Engineering Laboratory**.....2 cr
Prereq: ENGR 100, 202, 210, 211, Math 317 and CSCI 241. Freq: Occasionally.
 Engineering design and analysis using current computer-aided design, kinematics, and finite element analysis tools.
- 425 Computer Simulation of Systems**3 cr
Prereq: ENGR 328 and 365. Freq: Occasionally.
 Simulation of discrete and continuous systems, methodology, mathematical and block diagram models, simulation languages, applications.
- 426 Digital Computer Control**.....3 cr
Prereq: ENGR 326 and 328 or consent of instructor. Freq: Occasionally.
 The computer control problem; direct digital and supervisory control; sampled data control systems; design and implementation of control algorithms; applications.
- 450 Real-Time Computer Applications**4 cr
Prereq: ENGR 250. Freq: Occasionally.
 I/O programming, A/D and D/A conversion; definition, specification, coding, testing, and maintenance of a software project; development, simulation implementation, and real-time execution of software prototypes; applications in data acquisition, signal processing and control. Laboratory work and design project included.
- 490 Special Topics in Engineering**.....1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Discussion of recent and advanced special topics in engineering.

493 Internship in Engineering.....1-2 cr

Prereq: Consent of instructor. Freq: Fall, Occasionally.

Participation in the technical activities of an ongoing industrial organization under the joint guidance and supervision of an engineer from the organization and member of the faculty. Grading will be on a credit/no-credit basis. Maximum of 2 credits per semester and up to a total of 6 credits.

494 Cooperative Education1-2 cr

Prereq: Junior standing and consent of instructor.

Freq: Fall, Occasionally.

Industrial work experience under faculty supervision which combines previous classroom learning with industrial practice to prepare students for careers in engineering. Maximum of 2 credits per semester and up to a total of 6 credits.

499 Independent Study1-3 cr

Prereq: Consent of instructor and department chair.

Freq: Fall, Occasionally.

Independent work on a specific problem in engineering under the supervision of a faculty member. Maximum of 3 credits per semester up to a total of 6 credits.

ENGLISH

Communication Arts 235 • 262-595-2139 • Keyword: *English*

Degree Offered:

Bachelor of Arts.

Professors:

Canary, Ph.D.; Kavenik, Ph.D.; Kummings, Ph.D.; Lindner, Ph.D.; Vopat, Ph.D.

Associate Professors:

Graffin, Ph.D. (Chair); Lenard, Ph.D.; Saffioti-Hughes, Ph.D.

Assistant Professor:

Martínez, M.A.; McRoy, Ph.D.

Senior Lecturers:

Christie, M.F.A.; Jagielnik, M.A.; King, M.A.; Logsdon, M.A.; McGuire, M. Phil.

Lecturers:

Glaub, M.A.; Karpowicz, M.A.; Miller, M.A.; Schroeder, M.A.; Tutlewski, M.A.

Student Organizations/Clubs:

English Club open to majors and other interested students; also a chapter of Sigma Tau Delta, a national English honor society.

Career Possibilities:

Typical career opportunities for English majors include editors, reporters, teachers, business persons, lawyers, and writers – fiction and poetry, technical and business, and advertising.

Department Overview

The English major is designed to suit the needs of UW-Parkside's heterogeneous population of traditional and nontraditional-aged students and their varied career paths and goals. Often combined with other majors and minors, it can become a valuable tool for students to achieve a traditional liberal education, helping them acquire a broad view of human experience, a critical approach to cultural traditions, and more complete self-understanding.

Each of its three concentrations, while offering a solid grounding in literature and communication skills, emphasizes a distinct area of expertise and understanding. The standard major is especially appropriate for those planning further graduate or professional study or literary careers, and offers the opportunity to explore the traditions of British and American literature in depth. The writing concentration enables those who envision careers in business, industry, or public service to sharpen their communication skills in both general and specialized areas. The language arts concentration focuses on the needs of education professionals and fulfills Wisconsin Department of Public Instruction requirements for teacher training; it is also appropriate for students generally interested in linguistics and language study.

Preparation for Graduate School

Students considering graduate study in English are urged to consult their advisers early in their programs. Their programs should include strong representation in the various historical periods and major authors of English literature and the various genres. In addition, ENGL 366 Literary Theory should be taken, when offered. Advisers may suggest additional reading to fill in gaps. If a course needed for graduate study preparation is not currently offered, it is often possible to cover the same material through independent study (ENGL 499). To explore this possibility, students should consult their advisers.

Internships

English majors who choose the writing concentration must complete a writing internship. Those majors and others interested in internships should see professor Saffioti-Hughes, senior lecturer Logsdon or the department chair for further information.

Recommended Courses Outside of English

To obtain appropriate background information on the literary works and figures studied in English courses, students are advised to take some of their elective credits in the following courses: American History 101 and 102; British History and European History 118, 119, and 120; Philosophy 101 and 102; Art History 125 and 126; and Humanities 101 and 102.

Requirements for the English Major

The English major consists of a minimum of 36 credits (for the standard and writing concentrations) or 42-45 credits (for the language arts concentration) in courses in English and related disciplines beyond the required freshman composition sequence and recommended Introduction to Literature course. Students are encouraged to consult with English department faculty advisers before choosing a concentration and during its completion to fulfill their program of study most expediently and comfortably.

Portfolio Requirement

At the beginning of their last semester, English majors must submit for approval a portfolio of written work that they have done in English courses at UW-Parkside. Unapproved portfolios should be revised. A portfolio of student work should consist of the following:

1. A cover letter describing the content and purpose of the portfolio.
2. A reflective essay by the student on
 - a) his or her assessment of the English major or
 - b) assessment of development in the major.
3. A paper from ENGL 266.
4. A paper from an upper-level English course.
5. The seminar paper or the senior thesis. (These may be added to the portfolio when they are completed.)

Additional information on the portfolio requirement may be obtained by visiting the English Department office or the department chair's office.

The Standard Major (36-39 credits)

The standard major in English is particularly recommended for students intending to go on to graduate study in literature.

ENGL 216 and 217	6 cr
Two courses from ENGL 226, 227, 237	6 cr
ENGL 266 Literary Analysis	3 cr
One course in women's literature*/**	3 cr
One course in minority literature*/**	3 cr
Two advanced British literature courses (300-400 level), one being Shakespeare	6 cr
Two advanced American literature courses (300/400 level)	6 cr
One advanced modern/cultural literature course (300/400 level)	3 cr
ENGL 495 Senior Seminar	3 cr
or	
ENGL 497 Senior Thesis	3 cr

* One of the courses in women's literature or minority literature must be at the 300/400 level.

** ENGL 367 or 469 may satisfy both the woman's literature and the minority literature requirement, if subject matter is appropriate.

The Writing Concentration (36 credits)

The writing concentration in English is especially recommended for students planning to pursue careers or graduate work in writing.

One course from ENGL 216, 217	3 cr
Two courses from ENGL 226, 227, 237	6 cr
ENGL 201 Advanced Composition	3 cr

One course in creative or professional writing
(ENGL 202, 204, 206, 207, 402, 403, 406, 407) 3 cr

ENGL 266	Literary Analysis	3 cr
ENGL 310	Advanced Expository Writing	3 cr

Two courses in advanced British, American or modern literature (300/400 level) 6 cr

One 300-400 level writing course, which might include a course from disciplines other than English 3 cr

ENGL 494	Internship in Writing	3 cr
ENGL 495	Senior Seminar	3 cr

or

ENGL 497	Senior Thesis	3 cr
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The Language Arts Concentration

The language arts concentration in English is recommended for students seeking to combine an English major with teaching licensure. Note that the requirements differ according to the level at which a person intends to teach. The first list applies to those seeking licensure for early childhood: birth to age 8, or middle childhood-early adolescence: ages 6-12, 13; the second list applies to those seeking licensure for early adolescence-adolescence: ages 10-21. Those not seeking licensure may select either list.

Students should consult the Teacher Education section of the catalog for information on the education courses required for the particular age level for which licensure is sought.

The English/Language Arts Major for Early Childhood to age 8, or Middle Childhood-Early Adolescence: Ages 6-12, 13 licensure, 42 credits*

Because these requirements are subject to change, consult an English adviser for the latest information.

A. BASIC LITERATURE: one class from each section (21 credits)

British Literature Survey:

ENGL 216	Survey of British Literature to 1800	3 cr
ENGL 217	Survey of British Literature, 1800-1920	3 cr

American or Contemporary Literature:

ENGL 226	Survey of American Literature to 1855	3 cr
ENGL 227	Survey of American Literature, 1855-1920	3 cr
ENGL 237	Survey of Contemporary Literature, 1920-Present	3 cr

Women's Literature:

ENGL 112	Intro to Women's Studies: Women in Literature	3 cr
ENGL 269	Intro to Women Writers **	3 cr

Literature of Diversity:

ENGL 267	Literature of Diversity**	3 cr
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** NOTE: ENGL 269 and ENGL 267 may be combined by executive action. If they are combined, then reduce required credits by 3.

Shakespeare:

ENGL 320 Shakespeare. 3 cr

World Literature:

ENGL 246 Survey of World Literature 3 cr

ENGL 247 Survey of Modern World Literature . . 3 cr

or

MODL 247 Survey of Modern World Literature . . 3 cr

ENGL 364 The Epic and Mythology 3 cr

Literary Analysis:

ENGL 266 Literary Analysis 3 cr

Recommended Course:

ENGL 354 Young Adult Literature* 3 cr

B. LANGUAGE ARTS: complete each section as indicated (18 credits)

ENGL 201 Advanced Composition 3 cr

Advanced Literature: (6 credits)

ENGL 311 British Drama 3 cr

ENGL 312 British Novel. 3 cr

ENGL 314 British Poetry 3 cr

ENGL 321 American Drama 3 cr

ENGL 322 American Novel 3 cr

ENGL 323 American Short Story 3 cr

ENGL 324 American Poetry 3 cr

ENGL 331 Modern & Contemporary Drama . . . 3 cr

ENGL 332 Modern & Contemporary Novel 3 cr

ENGL 333 Modern Short Fiction 3 cr

ENGL 334 Modern & Contemporary Poetry 3 cr

ENGL 468 Holocaust Studies 3 cr

With approval from an adviser, some 400-level courses may be substituted for those listed above.

Linguistics: (6 credits)

ENGL 287 Grammar for Writers and Teachers . . . 3 cr

ENGL 387 Linguistics 3 cr

[Students are encouraged to take either English 380 or in Psychology 304.

Speech or drama course 3 cr

C. ENGL 495 Senior Seminar 3 cr
or

ENGL 497 Senior Thesis 3 cr

The English/Language Arts Major for Early Adolescence-Adolescence: Ages 10-21 licensure, 45 credits

Because these requirements are subject to change, consult an English adviser for the latest information.

A. BASIC LITERATURE (One class from each section.) (24 credits)

One class from each section.

British Literature Survey:

ENGL 216 Survey of British Literature to 1800 . . 3 cr

ENGL 217 Survey of British Literature, 1800-1920 . 3 cr

American or Contemporary Literature:

ENGL 226 Survey of American Literature to 1855. . 3 cr

ENGL 227 Survey of American Literature, 1855-1920 3 cr

ENGL 237 Survey of Contemporary Literature, 1920-Present. 3 cr

Women's Literature:ENGL 112 Intro to Women's Studies:
Women in Literature 3 cr

ENGL 269 Intro to Women Writers ** 3 cr

Literature of Diversity:

ENGL 267 Literature of Diversity. 3 cr

** NOTE: ENGL 269 and ENGL 267 may be combined by executive action. If they are combined, then reduce required credits by 3.

Shakespeare:

ENGL 320 Shakespeare. 3 cr

World Literature:

ENGL 246 Survey of World Literature 3 cr

ENGL 247 Survey of Modern World Literature. . 3 cr

or

MODL 247 Survey of Modern World Literature . . 3 cr

ENGL 364 The Epic and Mythology 3 cr

Literary Analysis:

ENGL 266 Literary Analysis 3 cr

Young Adult Literature:

ENGL 354 Young Adult Literature 3 cr

B. LANGUAGE ARTS: complete each section as indicated (18 credits)

ENGL 201 Advanced Composition 3 cr

Advanced Literature: (6 credits)

ENGL 311 British Drama 3 cr

ENGL 312 British Novel. 3 cr

ENGL 314 British Poetry 3 cr

ENGL 321 American Drama 3 cr

ENGL 322 American Novel 3 cr

ENGL 323 American Short Story 3 cr

ENGL 324 American Poetry 3 cr

ENGL 331 Modern & Contemporary Drama . . . 3 cr

ENGL 332 Modern & Contemporary Novel 3 cr

ENGL 333 Modern Short Fiction 3 cr

ENGL 334 Modern & Contemporary Poetry 3 cr

ENGL 468 Holocaust Studies 3 cr

With approval from an adviser, some 400-level courses may be substituted for those listed above.

Linguistics: (6 credits)

ENGL 287	Grammar for Writers and Teachers . . .	3 cr
ENGL 387	Linguistics	3 cr

Students are encouraged to take either English 380 or in Psychology 304.

Speech or drama course: (3 credits)

C. ENGL 495	Senior Seminar	3 cr
or		
ENGL 497	Senior Thesis	3 cr

Teacher Licensure

Students seeking teacher licensure in the English major or minor must also fulfill Wisconsin Department of Public Instruction requirements. These requirements are included in the Teacher Education section of this catalog.

Students are urged to consult the English Department's teacher education liaison for the current requirements for the major or minor. Additional information about the teacher education program and other requirements for licensure can be obtained from the teacher education adviser at 262-595-2100.

Requirements for the English Minor

Students who desire to take a substantial number of courses in English but who do not intend to major in the subject should consider the English minor. The minor provides a foundation for further study, vocational or avocational, in English and the liberal arts, and serves as a useful concentration for students planning to enter professional fields.

A. English Minor for Those Seeking Teaching Licensure: (30 credits)

Because these requirements are subject to change, consult an English adviser for the latest information.

American Literature (3 Credits)

ENGL 226	Survey of American Literature to 1855. . .	3 cr
or		
ENGL 227	Survey of American Literature, 1855-1920	3 cr

Writing (6 credits)

ENGL 201	Advanced Composition	3 cr
ENGL 266	Literary Analysis	3 cr

Linguistics (6 Credits)

ENGL 387	Linguistics	3 cr
and		
ENGL 380	History of English Language.	3 cr
or		
ENGL 287	Grammar for Teachers and Writers . . .	3 cr

Upper Division English Courses Other Than ENGL 380 (9 credits)

British Literature Including Shakespeare (3 credits)

ENGL 216	Survey of British Literature to 1800 . . .	3 cr
or		
ENGL 320	Shakespeare.	3 cr
World and Contemporary Literature (3 credits)		
ENGL 247	Survey of Modern World Literature. . .	3 cr
or		
MODL 247	Survey of Modern World Literature . . .	3 cr
ENGL 364	The Epic and Mythology	3 cr

B. English Minor for Those NOT Seeking Teaching Licensure: 21 credits

Basic Literature (6 credits) - two courses from

ENGL 167, 216-247, 267, 269

ENGL 320 Shakespeare 3 cr

Writing (3 credits) - one course from:

ENGL 104, 201-209, 266, 310, 401-409, 489, 494

Advanced Work (9 credits) – 3 credits from three of the following areas:

British literature – ENGL 311-319, 411-419

American literature – ENGL 321-330, 421-430

Modern & Cultural Studies – ENGL 331-370, 436, 437, 464, 468

Writing – ENGL 310, 401-409, 494

Professional Writing Certificate

Degree-seeking and non-degree-seeking students who want to specialize in writing for career enhancement but do not intend to major or minor in English should consider the professional writing certificate, which consists of 15 credits:

2 courses (6 credits)

ENGL 104	Basic Reporting.	3 cr
ENGL 201	Advanced Composition	3 cr
ENGL 202	Technical Writing.	3 cr
ENGL 204	Writing for Business/Industry.	3 cr
COMM 250	Media/Message Design.	3 cr

2 courses (6 credits)

ENGL 310	Advanced Expository Writing.	3 cr
ENGL 402	Advanced Technical Writing.	3 cr
ENGL 403	Advanced Business Writing.	3 cr
ENGL 404	Advanced Non-Fiction Writing.	3 cr

1 course (3 credits)

ENGL 494	Internship in Writing/Editing	3-6 cr
COMM 494	Communication Internship (project must entail writing)	3 cr

Film Studies Certificate

Offered through the English Department/Humanities Program, the film studies certificate allows students to obtain an interdisciplinary concentration in film studies. All students awarded the film studies certificate must demonstrate a comprehensive understanding of the history of film across numerous cultures, genres, and movements, as well as the major features of film study and analysis. Additionally, students must complete 15 credit hours of course work in classes with a substantial film component, participate in the film studies certificate presentation/discussion, and maintain a GPA of 3.0 or higher in all film certificate courses.

Required courses (9 credits)

ENGL 252	Introduction to Film.	3 cr
	Cross listed Humanities 252	
ENGL 258	History of Film to 1950	3 cr
ENGL 259	History of Film from 1950	3 cr

Elective courses (6 credits)

ENGL 290	Special Topics (film or film studies) . . .	3 cr
ENGL 358	Film Genres	3 cr
ENGL 458	Studies in Film	3 cr
ENGL 490	Special Topics (film or film studies) . . .	3 cr
ENGL 495	Seminar in Literature (film or film studies)	3 cr
ENGL 497	Senior Thesis (film or film studies) . . .	3 cr
ENGL 499	Independent Study (film or film studies)	3 cr

Additional film courses, offered through English and other departments, may also count toward completion of the film studies certificate. These courses will be determined on a semester-by-semester basis. Please contact the English office at 262-595-2139.

Completing the English Major in the Evening

The English Department makes an effort to schedule the courses needed to complete the major in the evening. However, specific courses are offered less frequently in the evening than in the day, so students must plan their course work carefully.

Skills Requirements in Reading and Writing

Most students meet the university reading and writing requirements by completing ENGL 101 with a grade of C-minus or better. Students whose placement scores indicate superior skills in these areas may satisfy the requirements in reading and writing by passing a competence exam without taking ENGL 101.

Students whose placement examinations indicate that they need more preparation before taking ENGL 101 are required to begin ENGL 100 first. Students not yet ready for ENGL 100 are required to begin with ACSK 090 (Composition Preparation), a course that will count in the semester load but will not count toward the 120-credit graduation requirement. Students placed

in these courses must take them as soon as possible if they are to complete their competency requirements in the time allowed.

Courses in English (ENGL)

- 100 Fundamentals of English**.....3 cr
Prereq: English placement test or ACSK 090 with grade of C or better. Freq: Fall, Spring.
 Emphasizes basic elements of sentence style and paragraph construction in the context of short papers.
- 101 Composition and Reading**.....3 cr
Prereq: English placement test or grade of C or better in ENGL 100. Freq: Fall, Spring.
 Development of college-level competencies in writing and reading in a variety of subject and thematic contexts, with an emphasis on argumentation. Satisfies skills requirements in reading and writing.
- 104 Basic Reporting**.....3 cr
Prereq: ENGL 101 with a grade of C- or better. Freq: Occasionally.
 Writing for newspapers with emphasis on journalistic style, format, copy editing, and on various reporting methods.
- 112 Introduction to Women's Studies:**
Women in Literature.....3 cr
Prereq: None. Freq: Alternate Springs.
 This course surveys women writers from classical times to the modern era, in their cultural contexts, and identifies the way in which their writing illuminates women's experience. Works by women from various cultures and backgrounds are considered. Cross listed as WOMS 112.
- 166 Literacy Tutor Training**.....1 cr
Prereq: None. Freq: Frequently.
 Training in tutoring adults in basic literacy and in English as a second language (15 hours), and 12 hours of individual tutoring, in cooperation with the Racine and Kenosha Literacy Councils.
- 167 Introduction to Literature**.....3-4 cr
Prereq: None. Freq: Fall, Spring.
 Techniques of literary analysis and critical approaches to literature organized around examples of major genres (fiction, drama, and poetry) selected chiefly from English and American writers. Four-credit section will require intensive writing, library research, revision, and a higher level of analysis of literary texts.
- 201 Advanced Composition**.....3 cr
Prereq: ENGL 101 with a grade of C - or better or writing comp. Freq: Fall, Spring.
 Further study and practice in English composition with emphasis on exposition.
- 202 Technical Writing**.....3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Occasionally.
 Writing instruction with an emphasis on presenting written and oral reports and interpreting technical writing.

- 204 Writing for Business and Industry**3 cr
Prereq: ENGL 101 with a grade of C- or better. Freq: Yearly.
 The structure, style, and format of composition as related to professional settings. Includes the writing of short forms (memoranda, correspondence) and reports that solve problems and require research and analysis.
- 206 Creative Writing-Poetry**3 cr
Prereq: ENGL 101 with a grade of C- or better.
Freq: Fall, Spring.
 A workshop in the techniques and practice of poetry writing. A student may take no more than six credits of ENGL 206/406 in any combination.
- 207 Creative Writing-Fiction**3 cr
Prereq: ENGL 101 with a grade of C- or better.
Freq: Fall, Spring.
 A workshop in the techniques and practice of fiction writing. A student may take no more than 6 credits of ENGL 207/407 in any combination.
- 216 Survey of British Literature to 1800**3 cr
Prereq: ENGL 101 with a grade of C-minus or better or consent of instructor. Freq: Yearly.
 Survey of major writers such as Chaucer, Spenser, Shakespeare, Milton, Swift, Pope and principal developments from medieval times through the 18th century.
- 217 Survey of British Literature, 1800-1920**3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Yearly.
 Survey of major writers such as Wordsworth, Keats, Tennyson, Dickens, Hardy, Conrad and principal developments from the Romantic movement to the end of World War I.
- 226 Survey of American Literature to 1855**3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Fall, Spring.
 Survey of major writers such as Hawthorne, Poe, Emerson, Thoreau, Melville and principal developments from colonial times to mid-19th century.
- 227 Survey of American Literature, 1855-1920**3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Fall, Spring.
 Survey of major writers such as Whitman, Dickinson, Twain, James, Chopin, Frost and principal developments from the mid-19th century to the end of World War I.
- 237 Survey of Modern and Contemporary Literature, 1920 to the Present**.....3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Fall, Spring.
 Survey of major writers such as Eliot, Yeats, Joyce, Faulkner, Hemingway, Woolf and Morrison and principal developments in literature, chiefly English and American, since World War I.
- 246 Survey of World Literature**.....3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Fall.
 Broad survey of ancient, medieval, and Renaissance, including nonwestern literatures, exclusive of English literature.
- 247 Survey of Modern World Literature**3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Spring.
 Broad survey of several national and regional literatures including non-Western literatures, since the Renaissance, exclusive of those of England and the United States. MODL 247 is a permissible substitute
- 252 Introduction to Film**3 cr
Prereq: None. Freq: Occasionally.
 An examination of the distinctive elements and techniques of film as art and the relationship of film to society. Cross listed with Humanities 252.
- 258 History of Film to 1950**.....3 cr
Prereq: None. Freq: Fall.
 The development of film techniques, visual qualities, genre, theory and cinematic art from the silent era to around 1950.
- 259 History of Film from 1950**3 cr
Prereq: None. Freq: Spring.
 The development of film techniques, visual qualities, genre, theory and cinematic art from around 1950 to the present.
- 266 Literary Analysis**3 cr
Prereq: ENGL 101 with a grade of C- or better.
Freq: Fall, Spring.
 Stresses original criticism of literature (English, American, all periods), seminar experience, plus frequent reports and papers to practice original critical analysis. English majors are urged to take this course early in their major program.
- 267 Literature of Diversity**.....3 cr
Prereq: ENGL 101 with a grade of C- or better.
Freq: Yearly.
 An introductory survey of literature of various ethnic groups.
- 268 Introduction to Holocaust Studies**3 cr
Prereq: English 101 with grade of C- or better or consent of instructor. Freq: Yearly.
 Overview of historical, philosophical and other issues, using texts by those who experienced the Holocaust.
- 269 Introduction to Women Writers**.....3 cr
Prereq: ENGL 101 with a grade of C- or better.
Freq: Alternate years.
 An introduction to important women writers in their cultural contexts.
- 287 Grammar for Writers and Teachers**.....3 cr
Prereq: English 101 with grade of C- or better.
Freq: Every third semester or yearly.
 Review of grammar emphasizing terms and concepts used in discussing writing and usage.
- 290 Special Topics in English**1-4 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Occasionally.
 Special topics in English will be examined. Course may be repeated for credit when topics change.

- 310 Advanced Expository Writing**3 cr
Prereq: ENGL 201, 202, or 204 or consent of instructor.
Freq: Yearly.
 Further study and practice in English composition with emphasis on more complex and advanced projects in expository writing
- 311 British Drama**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Alternate Years.
 A study of the history and development of drama from its beginnings through Shaw.
- 312 British Novel**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Alternate Years.
 A study of the history and development of the novel form from its beginnings to the 20th century.
- 314 British Poetry**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Alternate Years.
 A study of English poetry from its beginnings to about 1914.
- 320 Shakespeare**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Fall, Spring.
 A survey of the major plays, their Renaissance context, and meaning today. Some attention to the techniques of scholarship. Required of all majors.
- 321 American Drama**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 A historical study of the development of American drama to about 1900.
- 322 American Novel**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly.
 A study of the development of the American novel.
- 323 American Short Story**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly.
 A study of the development of the short story in America.
- 324 American Poetry**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly.
 A study of the development, range of ideas, and poetic theories of selected American poets.
- 331 Modern and Contemporary Drama**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly.
 A study of British, American, and/or European drama since World War I. Cross listed with THEA 331.
- 332 Modern and Contemporary Novel**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 A study of the novel in Britain, America, and/or Europe since World War I.
- 333 Modern Short Fiction**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 An exploration of such genres as the short story and novella since World War I.
- 334 Modern and Contemporary Poetry**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 A study of British and American poetry from about 1914 to the present.
- 353 Teaching English for Early Adolescence-Adolescence: Ages 10-21 or Early Childhood Adolescence: Birth - Age 21**3 cr
Prereq: TEDU 210, 230; Admission to Teacher Education. Freq: Alternate Falls.
 Current materials, methods and activities for teaching English at the middle/secondary level. Off-campus clinical experiences are an integral part of this course. Satisfies teacher education course 353 requirement. Cross listed with TEDU 353.
- 354 Young Adult Literature**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly
 A study of representative young adult literature.
- 358 Film Genres**3 cr
Prereq: ENGL 252, 258 or 259; or consent of instructor. Freq: Occasionally.
 A study of film genres such as film noir, the western, the war movie, science fiction, comedy, the detective film, etc. May be repeated for credit with a different topic.
- 364 The Epic and Mythology**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 A study of the major epics including those by Homer, Virgil, and Dante.
- 366 Theory of Literature & Criticism**3 cr
Prereq: ENGL 266, 3 credits in literature beyond ENGL 237. Freq: Occasionally.
 An exploration of the nature of literature, the basis of literary criticism, and of different critical schools.
- 367 Studies in American Ethnic Literature**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 An examination of the literature of one or more American ethnic writers or groups – such as African American, Hispanic, Native American, Asian American, Euro-American – with special emphasis on how literature reflects issues of the diversity of American culture. Cross listed with ETHN 367.
- 368 Bible as Literature**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 Study of the literary and cultural background, qualities, and influence of the Jewish and Christian scriptures.

- 380 History of the English Language**.....3 cr
Prereq: ENGL 287 or consent of instructor. Freq: Occasionally.
 Historical and social varieties of English linguistic approaches to English syntax.
- 387 Linguistics**.....3 cr
Prereq: ENGL 287 or consent of instructor. Freq: Yearly.
 An introduction to major areas in the study of language, including phonology, syntax, semantics, historical, comparative linguistics and socio-linguistics.
- 390 Special Topics in English**1-4 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 Selected topics in English will be examined. May be repeated for credit with different topic.
- 402 Advanced Technical Writing**3 cr
Prereq: ENGL 202 or equivalent. Freq: Occasionally.
 Emphasizes writing and editing skills needed to prepare a project such as a procedures manual, report of experimental findings, proposals, etc.
- 403 Advanced Business Writing**3 cr
Prereq: ENGL 202 or 204 or consent of instructor. Freq: Occasionally.
 Continued study of the forms of business writing and communication. Includes interviewing and appraisal performance documents; further study of written business messages, presentations, meetings and agendas; and writing for specialized situations such as crisis or media events.
- 404 Non-Fiction Writing**3 cr
Prereq: ENGL 201, 204, or consent of instructor. Freq: Occasionally.
 Explores writing feature-length articles, historical accounts, reviews, opinion pieces, advanced essays, and various professional writing styles.
- 406 Advanced Creative Writing-Poetry**1-6 cr
Prereq: ENGL 206 or consent of instructor. Freq: Fall, Spring.
 Advanced work in poetry writing under the guidance of a professional poet. A student may take no more than 6 credits of 206/406 in any combination.
- 407 Advanced Creative Writing-Fiction**1-6 cr
Prereq: ENGL 207 or consent of instructor. Freq: Fall, Spring.
 Advanced fiction writing under the guidance of a professional writer. A student may take no more than 6 credits of ENGL 207/407 in any combination.
- 416 Major British Authors**.....1-4 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 Topic varies. Intensive study of one or more major British authors. May be repeated for credit with different topic.
- 417 Studies in British Literature**.....1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 An examination of such topics as Medieval Literature, The Age of Pope, Victorian Poetry, etc. May be repeated for credit with different topic.
- 420 Advanced Shakespeare**1-3 cr
Prereq: ENGL 320. Freq: Occasionally.
 An examination of Shakespearean genres (tragedy, history, comedy, romance), dramaturgy, or themes as well as related subjects such as Shakespeare on film.
- 426 Major American Authors**1-4 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 Topic varies. Intensive study of one or more major American authors. May be repeated for credit with different topic.
- 427 Studies in American Literature**1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 An examination of such topics as The Rise of Realism, American Naturalism, American Local Colorists, American Literary Criticism, etc. May be repeated for credit with different topic.
- 436 Major Modern and Contemporary Authors**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 Topic varies. Intensive study of one or more major contemporary authors. May be repeated for credit with different topic.
- 437 Studies in Modern and Contemporary Literature**....1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 An examination of such topics as The Hero in Modern Literature, Innovations in 20th Century Drama, Experiments in Literary Form, etc. May be repeated for credit with different topic.
- 458 Studies in Film**.....3 cr
Prereq: None. Freq: Occasionally.
 An introduction to movements, techniques, theories, national cinemas, genres, directors, or periods. May be repeated for credit with different topic.
- 460 Literature and Other Disciplines**1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 The relation of literature to individual disciplines such as science, sociology, psychology, music, philosophy, etc. May be repeated for credit with change in discipline.
- 464 Studies in Cultural Patterns**.....1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
 An examination of such topics as the novel as social commentary, romanticism, the theory of tragedy, gay and lesbian literature, etc. May be repeated for credit with different topic.
- 468 Holocaust Studies**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor.
 Intensive study of various aspects of the Holocaust, such as literature of the Holocaust, film and the Holocaust, literature of the Second Generation, etc. Cross listed with Humanities 468.

- 469 Studies in Women Writers**1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Alternate years.
 An examination of such topics as women in myth and literature. The novels of Jane Austen, contemporary women poets, etc. May be repeated for credit with different topic.
- 487 Studies in Language**.....1-6 cr
Prereq: ENGL 187 or consent of instructor. Freq: Occasionally.
 An examination of such topics as language in American culture, regional dialects, semantics, etc. May be repeated for credit with different topic.
- 489 Teaching Composition**.....3 cr
Prereq: ENGL 201 or consent of instructor. Freq: Occasionally.
 Methods and materials for the teaching of writing. Evaluation techniques.
- 490 Special Topics in English**1-4 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Occasionally.
 Special topics in English will be examined. May be repeated for credit with different topic.
- 494 Internship in Writing and Editing**1-6 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
 Practical application of professional-level writing skills in such areas as journalism, copy editing, technical, scientific, industrial, business, and legal writing, under joint supervision of a faculty member and organization representative. A maximum number of internship credits will be set by the faculty member, in keeping with university policy.
- 495 Seminar in Literature**3 cr
Prereq: ENGL 266 or consent of instructor. Freq: Fall, Spring.
 Topics vary; ENGL 495 (or 497) is required of all majors.
- 497 Senior Thesis**3 cr
Prereq: Consent of English faculty; Senior status or 21 credits toward English major. Freq: Fall, Spring.
 Independent research and writing of an essay of substantial length under faculty supervision. Agreement of faculty member to undertake supervision is necessary before registration. ENGL 497 (or 495) is required of all majors.
- 499 Independent Study**cr arr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring, Summer.
 Regularly available under supervision of individual instructors.
- 590 Special Topics in English**1-3 cr
Prereq: Undergraduate degree and consent of instructor. Freq: Occasionally.
 Special topics in English will be examined. May be repeated for credit with different topic.

ENVIRONMENTAL STUDIES

Keyword: *Environmental Studies*

Degree Offered:

None; UW-Parkside offers an environmental studies minor.

Professors:

Evans, Ph.D.; Statham, Ph.D.

Associate Professors:

Gundersen, Ph.D.; James, Ph.D.; Kaufman, Ph.D.; Mayer, Ph.D.(Director); Thomson, Ph.D.; Walasek, Ph.D.; Wood, Ph.D.

Assistant Professor:

Wolf, Ph.D.

Lecturer:

Mossman, Ph.D.

Student Organizations/Clubs:

Earth Club

Career Possibilities:

Wildlife conservation, science teaching, environmental monitoring, environmental law enforcement, forestry, environmental law, journalism.

Program Overview

The Environmental Studies program is an interdisciplinary program designed to focus the studies of students having a strong interest in environmental issues. It attempts to develop an appreciation for the scope of environmental problems and the costs and consequences for various solutions. It draws upon the expertise of a diverse group of faculty in the College of Arts and Sciences, and it is open to all students.

Requirements for the Environmental Studies Minor

The environmental studies minor consists of a minimum of 19 credits, of which a minimum of 6 credits must be taken in science and a minimum of 6 credits in liberal arts, chosen from the following courses:

A. ENVS 495 Environmental Issues Seminar 1 cr

Required of all students, and may be repeated for credit when the theme is different.

B. Environmental Survey (3 Credits)

BIOS 104	Ecology Science of Survival.	3 cr
CHEM 109	Environmental Chemistry.	3 cr
GEOG 380	Conservation of Natural Resources.	3 cr
GEOS 103	Environmental Science: An Earth Resources Perspective.	3 cr

(Biological sciences majors should take BIOS 305, not 104; and geosciences majors should take GEOS 330, not 103.)

C. Environmental Policy (3 Credits)

ECON 300	Environmental Economics	3 cr
HIST 225	Environmental History of North America	3 cr
POLS 302	Environmental Policy	3 cr
SOCA 379	Society and the Environment	3 cr

D. Electives (12 Credits)

Twelve elective credits taken outside one's major field (except for a possible 3-credit independent study which may be taken within the major) selected from the list below or from ENVS 495 and core courses beyond those used to meet requirements A and B.

Other Courses Which Count for the Minor

- BIOS 102, 202 or 303, 305, 313, 318, 324, 330
- ECON 120, 320
- ENGL 202
- ENVS 110, 290, 390, 490, 499
- GEOG 326, 382, 384, 390, 396
- GEOS 105, 106, 108, 320, 330, 361, 430, 440, 445, 465, 470
- HIST 201, 222
- PHIL 220
- POLS 202, 250
- SOCA 482

(Some of these courses have prerequisites; see an environmental studies adviser to plan your program of studies.)

Independent study for 3 credits may be taken under a member of the environmental studies minor faculty. An independent study within the student's major field must be approved by the environmental studies faculty committee.

Background Courses

Students adopting an environmental studies minor are encouraged to take as many of the following as possible:

- CHEM 101, 102
- ECON 121, 325, 405
- ENGL 402
- GEOG 100, 105, 110, 215, 310, 315, 320, 360, 375
- GEOL 100, 101, 102, 301

- HIST 101, 102, 120, 128, 221, 313, 324, 325, 341, 346
- PHIL 101, 104, 206, 320
- POLS 100, 104, 214, 215, 216, 320, 331, 341, 360, 365, 400

Statistics is an important tool for environmental studies, and therefore students are urged to take one of the following:

- BIOS 210
- QM 210
- MATH 109, 309, 310
- PSYC 250
- SOCA 250

Courses in Environmental Studies (ENVS)

110 Energy and the Environment4 cr
Prereq: None. Freq: Occasionally.
 A multi-disciplinary, team-taught course that examines public issues united by the themes of energy and the environment. Three-hour lecture; three-hour lab/field trips.

290 Special Topics in Environmental Studies1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Special topics in environmental studies will be examined.

390 Special Topics in Environmental Studies1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Special topics in environmental studies will be examined.

490 Special Topics in Environmental Studies1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Special topics in environmental studies will be examined.

495 Seminar on Environmental Issues1 cr
Prereq: Junior standing. Freq: Spring.
 Major environmental issues are explored from a multidisciplinary perspective; includes both faculty and student-guided discussions. May be repeated for credit when the theme is different.

499 Independent Study1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
 An independent project carried out under the supervision of a member of the environmental studies faculty. Up to 3 credits may count as elective credit toward the minor.

ETHNIC STUDIES

Greenquist 305 • 262-595-3418 • Keyword: *Ethnic Studies*

Degree Offered:

None. UW-Parkside offers an Ethnic Studies minor.

Director:

Patrick Goldsmith, Ph.D.

Career Possibilities:

The ethnic studies minor is designed for students seeking a career that requires intercultural respect and understanding. It complements such majors as business, communication, criminal justice, history, political science, sociology and anthropology. Ethnic studies strengthens students' career options with nonprofit, private or governmental organizations, as well as law, teaching or graduate school.

Program Overview

The Ethnic Studies program is an interdisciplinary program that expands students' understanding and respect of historically marginalized ethnic groups in the United States: Native American Indians, African Americans, Latina/o Americans and Asian Americans. In addition to studying the historical, political, cultural and social experiences of these four groups, ethnic studies courses also take a comparative approach to studying the relationship of multiple ethnic groups, as well as the interlocking relationship of race, ethnicity, gender, class and sexual orientation in forming the identities of U.S. Americans. Ethnic studies courses are relevant for all students seeking a deeper understanding of the past, present and future role of race and ethnicity in the U.S. The ethnic studies minor may be combined with any major. (For information on the Ethnic Diversity requirement, see the Programs and Policies section of this catalog.)

Requirements for the Minor in Ethnic Studies

The ethnic studies minor consists of 18 credits, 9 in the core courses, 3-6 credits focusing on specific ethnic groups, and 3-6 credits of general electives. All elective courses listed below are 3 credits each. Special topics courses in ethnic studies (ETHN 290/490) are offered from time to time and may be substituted as a general elective with the consent of the director.

Core Courses (9 credits)

ETHN 201	Ethnic Studies Concepts and Methods. . . 3 cr
ETHN 302	Race/Ethnicity: United States of America 1890 to Present 3 cr
ETHN 494	Internship in Ethnic Studies 3 cr
or	
ETHN 499	Independent Study 3 cr

Electives Focused on Particular Ethnic Groups (3-6 credits)

ETHN 315	Cultural Diversity and U.S. Law: Tribal Nations. 3 cr
ETHN 316	Cultural Diversity and U.S. Law: African Americans. 3 cr
ETHN 326	African-American Music. 3 cr
ETHN 333	Contemporary American Immigration . . 3 cr
ETHN 337	African-American History. 3 cr
ETHN 363	Communication and Ethnicity 3 cr

Focus rotates among African Americans, Asian Americans, Latina/o Americans, and Native American Indians. May be repeated with different content.

SOCA 227	North American Indians 3 cr
SOCA 324	African American Studies 3 cr
SOCA 328	Asians in American Society. 3 cr
SOCA 343	Latinas/os in the United States 3 cr

General Electives (3-6 credits)

COMM 107	Communication and the Human Condition 3 cr
COMM 365	Intercultural Communication. 3 cr
COMM 463	Gender, Race and Class in the Media . . 3 cr
ENGL 267	Literature of Diversity. 3 cr
ENGL 367	Studies in American Ethnic Literature . . 3 cr
ETHN 365	Intercultural Communication. 3 cr
GEOG 101	Geography of American Race and Ethnicity 3 cr
SOCA 206	Race and Ethnic Relations in the U.S. . 3 cr
SOCA 325	Comparative Race and Ethnic Relations 3 cr

Additional courses, offered through ethnic studies and other departments, may also count toward completion of the Ethnic Studies Minor. These courses will be determined on a semester-by-semester basis. For more information please contact the Center for Ethnic Studies director, professor Patrick Goldsmith, at 262-595-3418.

Courses in Ethnic Studies (ETHN)

- 201 Ethnic Studies Concepts and Methods.....3 cr
Prereq: Sophomore standing. Freq: Fall.
 Key concepts and methodologies of U.S. ethnic studies are examined with particular emphasis on four under-represented groups: African Americans, Asian Americans, Hispanic/Latino(a) Americans, and Native American Indians.

- 290 Special Topics in Ethnic Studies**3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in ethnic studies will be examined.
- 302 Race/Ethnicity: United States of America
 1890 to the Present**.....3 cr
Prereq: Junior standing or consent of instructor. Freq: Spring.
 Examines the continuing evolution of the United States into “an American kaleidoscope” during the 20th century. Tests the various concepts and models of technocultural interaction against the complexity and diversity of historical development during a century of rapid, massive change. Cross listed as HIST 302.
- 315 Cultural Diversity and U.S. Law: Tribal Nations**3 cr
Prereq: Junior standing or consent of instructor. Freq: Fall.
 A study of the relationship of tribal nations with the United States government, as nations within a nation. Topics include tribal sovereignty, the Marshall trilogy, removal, allotment, the Indian Reorganization Act, the Indian Bill of Rights, termination, Public Law 280, religious freedom, and modern tribal governments. The tribal nations of Wisconsin are emphasized. Cross listed as POLS 315.
- 316 Cultural Diversity and U.S. Law: African Americans** ...3 cr
Prereq: Junior standing or consent of instructor. Freq: Spring
 This course analyzes the relationship of African Americans to the United States Constitution, and includes such topics as slavery, the Fugitive Slave Acts, the Civil War Amendments, segregation, the civil rights movement, voting rights, affirmative action, and housing laws. Cross listed as POLS 316.
- 326 African-American Music**3 cr
Prereq: Junior standing or consent of instructor. Freq: Occasionally.
 Survey and study of development and evolution of African-American music 17th century to present with attention given to historical, sociological, political, and humanistic contexts. Cross listed as MUS 326.
- 333 Contemporary American Immigration**.....3 cr
Prereq: None. Freq: Yearly.
 Examines the global economic, social, and political forces that have shaped immigration to the United States since the passage of the Immigration and Nationality Act of 1965 and the ways in which immigration is changing the nation and the world. Includes models of assimilation, political participation, and psychological and cultural considerations. Cross listed as HIST 333.
- 337 African-American History**3 cr
Prereq: Junior standing or consent of instructor. Freq: Yearly.
 Examines the experience of African Americans from colonial times to the present with emphasis on their evolution as an ethnic group and on their struggle for equality. Cross listed as HIST 337.
- 363 Communication and Ethnicity**.....3 cr
Prereq: Junior standing or consent of instructor. Freq: Spring, Fall.
 A critical examination of communication practices which construct, maintain, transform, or threaten ethnic identity in a cocultural context. May be repeated with different content. Emphasis rotates among African Americans, Asian Americans, Latino/a Americans, and Native Americans. Cross listed as COMM 363.
- 365 Intercultural Communication**3 cr
Prereq: None. Freq: Fall.
 Critical approaches to understanding communication across cultural differences.
- 490 Special Topics in Ethnic Studies**3 cr
Prereq: Junior standing, ETHN 201. Freq: Occasionally.
 Selected topics in ethnic studies will be examined.
- 494 Internship**1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
 Supervised experience in planned projects that expose students to ethnic subcultures in the United States. Up to 3 credits can be applied to the minor.
- 499 Independent Study**1-5 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring, Summer.
 Topics individually arranged. Descriptions for other minor courses are located in their respective departments.

GENERAL SCIENCES

(262) 595-2327

Faculty

Boyer, Ph.D. (Center for Science Education Director)

Overview

The National Commission on Mathematics and Science Teaching for the 21st Century reported to former Secretary of Education Richard Riley that the mathematics and science preparation of students in our country is unacceptable. This diagnosis indicates a society that will become an increasingly less competitive member of the global community unless significant changes are instituted systemically.

General Sciences courses demonstrate the University's strong commitment to prepare students to become informed citizens who actively participate in their society from a perspective of knowledge and understanding. The interdisciplinary courses here also aim to enhance the level of science teaching and learning throughout the preK-12 system.

For several years now, educators have worked to shift the focus of science education from those students most likely to become scientists or mathematicians to all students—tomorrow's informed citizens and members of the global community.

It is anticipated that the increasing attention paid to the preparation of future teachers of science will justify an expansion of the current offerings in this area (e.g., a broad-field or general science minor—for current information, contact the Center for Science Education at 595-2165).

General Education

GSCI 102 satisfies three credits of science toward general education requirements. Its focus, as for other courses in this category, is to raise the level of science literacy by understanding what is and what is not scientific.

Preparation for Teaching

Early or Early-to-Middle Childhood Licensure

UW-Parkside's Conceptual Framework requires 12 credits of science in preparation for certification to teach at the early or early-to-middle childhood level. Because all teachers licensed at this level are expected to teach science in the majority of schools and the attending urgency for quality science teaching, it is necessary that candidates successfully complete two laboratory science courses. Specifically, these are GSCI 205 and GSCI 206, as these meet requirements for physical and natural sciences, respectively. Both courses are specifically designed for prospective teachers.

Middle Childhood—Early Adolescence Licensure

This license permits specialization in science upon completion of a science minor. Ideally, teachers who have not completed a science minor would not teach science. During times when qualified teachers of science are scarce, drastic actions, such as the assignment of “out of field” teachers to science classrooms, are not uncommon. Accordingly, both GSCI 205 and 206 (or their equivalent) are required for certification.

Early Adolescence—Adolescence Licensure

“Out of field” teaching at this developmental level is unusual, but not unheard of. Prospective teachers at this level must successfully complete GSCI 205 (or its equivalent).

Courses in General Science (GSCI)

- 102 Science and Pseudoscience**3 cr
Prereq: None. Freq: Fall, Spring
 This course provides a general introduction to the meaning and method of true science which will be examined in relation to fringe and pseudoscience topics.
- 205 Foundations of Science I**3 cr
Prereq: Consent of TEDU Advisor. Freq: Spring.
 Designed for non-science majors interested in preK-12 teaching. An integrated approach to selected physical science topics that focus on science as a way of knowing, with emphasis on gathering data and analyzing data critically and/or quantitatively. Provides a model of science education reform. 4 hour studio.
- 206 Foundations of Science II**3 cr
Prereq: GSCI 205. Freq: Fall.
 A continuation of GSCI 205 with greater emphasis on the life sciences and the technological impacts of science.
- 490 Special Topics**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in science will be examined.
- 496 Internship**1-3 cr
Prereq: None. Freq: Fall, Spring.
 Supervised science education experience arranged outside of the University setting.
- 499 Independent Study**1-3 cr
Prereq: None. Freq: Fall, Spring
 Supervised experiences related to science education.

GENERAL EDUCATION PROGRAM

Program Overview

General education is the foundation of lifelong learning. The aim of the General Education Program at UW-Parkside is to provide lifelong access to information by developing in students the skills and capacities necessary for a lifetime of continuous learning. Student learning outcomes that are developed through the general education curriculum include the ability to think critically and analytically about problems and issues; the ability to work effectively as a member of a team; and the ability to communicate effectively, both orally and in writing.

UW-Parkside's General Education Program is designed to ensure that all of its graduates have a solid foundation in the arts and sciences. General education distribution courses provide a broad context for the more concentrated and in-depth study that takes place in the major field of study. Since the general education courses are often the only college courses a student takes in a given area of study, they provide the foundation for lifelong learning; a foundation that is reinforced through the major field of study.

General education requirements are listed in the chapter on Academic Programs and Policies. The purpose of a general education in the liberal arts at the University of Wisconsin-Parkside is twofold. First, students will have acquired a knowledge and skill set that is used across all academic disciplines. Second, it will make students aware that knowledge is diverse, and it will make them conversant with the principles and methodologies of disciplines across the spectrum of knowledge. Therefore, all University of Wisconsin-Parkside graduates must have

1. Achieved competency in the following areas:

A. Communication

Literacy – reading for understanding and writing for effective communication

Oral communication – listening, speaking and presenting effectively

Information technology competence – using modern information technology to retrieve and transmit information

Creative expression – communicating through artistic statement

B. Reasoned Judgment

Critical thinking – applying logic and reasoning to problem solving

Ethical thinking – recognizing and analyzing ethical issues and actions

Scientific thinking – understanding and applying the scientific method

Analytical skills – understanding how to produce and interpret quantitative and qualitative information

Aesthetic skills – critiquing and appreciating the fine arts (literary, visual, and performing)

C. Social and Personal Responsibility

Individual accountability – understanding what a responsible choice is and that one's present education and lifelong learning is a personal responsibility

Social Equality – understanding and questioning the social, political, economic and historical conditions that construct diversity and inequality

Civic engagement – learning to use knowledge and skills to contribute to the community

Global perspective – acquiring the knowledge and skills that provide an understanding of international/global issues and processes

Teamwork – working effectively with others for a common goal

2. Demonstrated competency in each of three broad areas: humanities and the arts, social and behavioral science, and natural science.

Courses in General Education (GNED)

101 University Seminar.....1 cr

Prereq: None. Freq: Fall, Spring, Summer.

This course is designed to assist students' understanding of higher education, their role and responsibilities in the education process, and the role of general education in higher education. The course will also help the student in a successful transition to the university community.

290 Special Topics.....1-3 cr

Prereq: Freshman, Sophomore standing. Freq: Occasionally.

Topics of special interest to the process, content and assessment of general education. May be repeated for credit with different topic.

390 Special Topics.....1-3 cr

Prereq: Junior standing. Freq: Occasionally

Topics of special interest to the process, content and assessment of general education. May be repeated for credit with different topic.

490 Special Topics.....1-3 cr

Prereq: Junior, Senior standing. Freq: Occasionally.

Topics of special interest to the process, content and assessment of general education. May be repeated for credit with different topic.

GENERAL SCIENCES

262-595-2744

Overview

General science courses provide a broad introduction to science and the scientific method for the non-science major. These courses demonstrate the university's commitment to develop informed citizens who participate in their society with knowledge and understanding of science. Courses in this area are particularly useful for students preparing for careers in education.

Courses in General Science (GSCI)

- 102 Science and Pseudoscience**3 cr
Prereq: None. Freq: Fall, Spring
 This course provides a general introduction to the meaning and method of true science which will be examined in relation to fringe and pseudoscience topics.
- 205 Foundations of Science I**.....3 cr
Prereq: None. Freq: Fall.
 Designed for non-science majors interested in teaching. An integrated approach to selected physical science topics that focus on science as a way of knowing, with emphasis on gathering data and analyzing data critically and/or quantitatively. Provides a model of science education reform. Two-hour lecture, two-hour lab.

- 206 Foundations of Science II**3 cr
Prereq: GSCI 205. Freq: Spring.
 A continuation of GSCI 205 with greater emphasis on the life sciences and the technological impacts of science. Two-hour lecture, two-hour lab.
- 490 Special Topics**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in science will be examined.
- 496 Internship**1-3 cr
Prereq: None. Freq: Fall, Spring, Summer.
 Supervised science education experience arranged outside of the University setting.
- 499 Independent Study**1-3 cr
Prereq: None. Freq: Fall, Spring, Summer.
 Supervised experiences related to science education.

GEOGRAPHY

Molinaro 275 • 262-595-2149 • Keyword: *Geography*

Degree Offered:

Bachelor of Arts.

Associate Professor:

Walasek, Ph.D. (Chair)

Assistant Professors:

Feng, Ph.D.; Wolf, Ph.D.; Zimmerman, Ph.D.

Student Organizations/Clubs:

Geography Club, Gamma Theta Upsilon

Career Possibilities:

Students who major in geography are prepared for careers in cartography, geographic information systems, environmental analysis, planning, and teaching. In addition, geography is a dynamic liberal arts major which combines cultural perspectives and analytical skills. Opportunities for employment are wide ranging. Possible employers include mapping firms, environmental agencies, planning commissions, site selection companies, marketing departments, school districts, and defense agencies.

Department Overview

Geography is the study of the distribution, variation, and interrelation of the natural and cultural features of the Earth's surface. The Geography Department's mission is to extend geographic knowledge through high-quality educational programs, research, and service activities using appropriate technology to train students and solve problems. Geography's mission is important because aspects of place, area, location, and distribution are essential to resolving issues facing the region, the country and the world.

The UW-Parkside geography curriculum is designed to reflect the needs of society and nature so that the student will gain an appreciation of the varied spatial factors which influence life in today's interconnected world. Understanding global, national, and local patterns of economic activity, urban problems, cultural differences and environmental change is stressed.

Internships

The department is strengthened by an internship program with placement in local public or private sector locations.

Requirements for the Geography Major

Students majoring in geography may choose among the following:

1. General Major
2. Concentration in Planning
3. Concentration in Applied Environmental Geography
4. Certificate in Geographic Information Systems

I. Core Courses (26 or 27 credits)

All geography majors are required to complete the following courses or their equivalents:

GEOG 100	Physical Geography	3 cr
GEOG 101	Geography of American Ethnicity & Race	3 cr

or

GEOG 105	Introduction to Human Geography . . .	3 cr
GEOG 110	World Regions	3 cr
GEOG 215	Economic Geography	3 cr
GEOG 250	Map Use and Analysis.	3 cr
GEOG 300	Geographic Methods	3 cr
GEOG 323	Climatology	3 cr

or

GEOG 324	Landform Geography	4 cr
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or

GEOG 326	Biogeography	3 cr
GEOG 350	Cartography	3 cr
GEOG 495	Senior Seminar	2 cr

II. General Major (38 credits minimum)

The general major is designed for students wanting a broad background in geography. Most students also seeking teacher licensure (see the following page) would be in the general major. The core courses plus 12 credits of 300-level and above courses or their equivalents are required.

III. Concentration in Planning (38 credits minimum)

The concentration in planning is for students interested in positions or graduate study in urban and regional planning, business planning, or in related fields. The core courses plus the following or their equivalents are required.

GEOG 360	Urban Geography	3 cr
GEOG 365	Land Use Planning	3 cr

Two of the following:

GEOG 330	Population Geography	3 cr
GEOG 340	Political Geography.	3 cr
GEOG 375	Geography of Transportation	3 cr
GEOG 494	Internship in Planning	3 cr

UNDERGRADUATE PROGRAMS

IV. Concentration in Applied Environmental Geography (38 credits minimum)

This concentration allows students to emphasize physical geography and environmental analysis. A career in environmental management is one example of where this concentration could be used. The core courses plus the following or their equivalent are required.

Four of the following:

- GEOG 323 Climatology 3 cr
- GEOG 324 Landform Geography 4 cr
- GEOG 326 Biogeography 3 cr
- GEOG 380 Conservation of Natural Resources 3 cr
- GEOG 382 Soil Ecosystems and Resources 4 cr
- GEOG 384 Landscape Ecology 3 cr
- GEOG 396 Field Methods 3 cr

Note that the advanced physical geography course required in the core courses (323, 324, or 326) does not count toward this concentration. Students taking a second (and third) course from 323, 324, or 326 may use the course(s) in this concentration.

V. Certificate in Geographic Information Systems (15 credits for non-majors; 41 credits minimum for geography majors).

Geographic information systems (GIS) analyze data bases for spatial patterns. GIS is increasingly important in a variety of applications like transportation planning, business logistics, and environmental impact analysis. This certificate can be earned by completing the following or their equivalents.

- GEOG 250 Map Use and Analysis. 3 cr
- or**
- GEOG 350 Cartography 3 cr
- GEOG 455 Remote Sensing Essentials 3 cr
- GEOG 460 Introduction to Geographic Information Systems 3 cr
- GEOG 465 Advanced Geographic Information Systems 3 cr
- CSCI 105 Introduction to Computers 3 cr

Geography majors must complete the core courses including both 250 and 350 and take at least 3 additional 300-level and above credits.

Requirements for the Geography Minor

The minor in geography consists of a minimum of 18 credits. The following courses or their equivalents are required:

- GEOG 100 Physical Geography 3 cr

One of the following:

- GEOG 101 Geography of American Ethnicity & Race 3 cr
- GEOG 105 Introduction to Human Geography 3 cr
- GEOG 110 World Regions 3 cr

One of the following:

- GEOG 215 Economic Geography 3 cr
- GEOG 250 Map Use and Analysis. 3 cr

The remaining 9 credits must be selected from geography courses at the 300-level and above.

Teacher Licensure

Students seeking teacher licensure in the geography major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at 262-595-2100.

Courses in Geography (GEOG)

- 100 Physical Geography**.....3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Examination of the primary patterns and processes in the atmosphere, lithosphere, hydrosphere, and biosphere. Earth and sun relationships. Influences on human activities. Not intended for geosciences majors.
- 101 Geography of American Ethnicity & Race**.....3 cr
Prereq: None. Freq: Fall.
American ethnic and racial patterns from a distinctly geographic perspective. Historical forces shaping the geographical patterns of race and ethnicity are also explored.
- 105 Introduction to Human Geography**.....3 cr
Prereq: None. Freq: Spring.
An overview of contemporary themes in human geography including population issues, cultural differences, languages, politics, settlement patterns, migration, and economic organization.
- 110 Introduction to Geography-World Regions**.....3 cr
Prereq: None. Freq: Fall, Spring, Summer.
A study of the cultural and physical characteristics of major world regions. Globalization and geographic perspectives on current international issues are emphasized.
- 215 Economic Geography**.....3 cr
Prereq: None. Freq: Spring.
Analysis of the factors which influence the spatial patterns of economic activities and economic variables. Introductory course in geography recommended.
- 250 Map Use and Analysis**.....3 cr
Prereq: None. Freq: Fall.
Interpretation of topographic maps, thematic maps, cartograms. Measurement of distance, area and slope. Map projections and locational grids; route finding; land ownership; use of aerial photographs.
- 290 Special Topics in Geography**.....1-4 cr
Prereq: None. Freq: Occasionally.
Selected topics in geography will be examined.

UNDERGRADUATE PROGRAMS

- 300 Geographic Methods**.....3 cr
Prereq: Junior standing and 9 credits in geography or consent of instructor. Freq: Fall.
 Introduction to geographic concepts, methods, and procedures. Discussion of the application of selected descriptive and inferential statistical methods to geographic problems.
- 310 Geography of the United States and Canada**.....3 cr
Prereq: None. Freq: Occasionally.
 Covers the physical features, resources, people, land utilization and economic development of the United States and Canada. Particular emphasis on the urban industrial core.
- 315 Geography of Wisconsin**.....3 cr
Prereq: None. Freq: Summer.
 Wisconsin's characteristics are explained and compared to the rest of the United States. Patterns of population, climate, terrain, economic activity, transportation, culture, and statewide issues are examined from a geographic perspective.
- 320 Regional Geography**.....3 cr
Prereq: None. Freq: Occasionally.
 Physical and cultural features of selected regions. Emphasis on industrialization and economic organization. May be taken for credit each time a different region is studied.
- 323 Climatology**.....3 cr
Prereq: GEOG 100. Freq: Occasionally.
 Characteristics, processes, distribution, classification and geographical significance of Earth's climates. Climate change.
- 324 Landform Geography**.....4 cr
Prereq: GEOG 100. Freq: Every third semester.
 Characteristics, processes, distribution, and geographical significance of the world's landforms. Analysis of tectonics, rock types, glaciation, fluvial processes and soil genesis. Includes field trip, lab applications, and aerial photo interpretation.
- 326 Biogeography**.....3 cr
Prereq: GEOG 100 or BIOS 102 or consent of instructor. Freq: Fall.
 An examination of the spatial and temporal distribution of organisms and the factors influencing those distributions, both past and present, including human impact on vegetation.
- 330 Population Geography**.....3 cr
Prereq: A course in geography. Freq: Every third semester.
 Emphasizes geographic factors that influence patterns of human existence. Examines population distributions and growth as related to environmental and resource issues. Includes case studies, applications and methods of analysis.
- 340 Political Geography**.....3 cr
Prereq: A course in geography. Freq: Every third semester.
 Geographical explanation of the political organization of space and territory. Issues are explored at scales ranging from global to local. Globalization, transnationalism, boundary problems, regional conflict, ethnic nationalism, and the local context for planning and policy are stressed.

- 350 Cartography**.....3 cr
Prereq: GEOG 250 or consent of instructor. Freq: Spring.
 Principles of basic cartography, including map projection, compilation, generalization, and symbolization; emphasis on presenting quantitative data using computerized techniques.
- 360 Urban Geography**.....3 cr
Prereq: A course in geography. Freq: Fall.
 Theories of urban development and location. Analysis of the spatial patterns in the American city that result from economic, technological, political, and cultural transformations. Urban planning theories and practice are introduced.
- 365 Geography in Land Use Planning**.....3 cr
Prereq: A course in geography. Freq: Spring.
 Detailed and technical explanation of land use planning practices in the American city. Selected case studies from southeastern Wisconsin and northeastern Illinois.
- 375 Geography of Transportation**.....3 cr
Prereq: A course in geography. Freq: Occasionally.
 Geographic analysis of transportation with emphasis on networks, commodity flows, traffic patterns, impacts on development, and the different modes. Transportation planning is included.
- 380 Conservation of Natural Resources**.....3 cr
Prereq: None. Freq: Summer.
 Examination of significant environmental issues. Policies and problems in the use and management of natural resources. Selected topics taken from southeastern Wisconsin.
- 382 Soil Ecosystems and Resources**.....4 cr
Prereq: GEOG 100. Freq: Occasionally.
 An examination of soils as both natural bodies and as managed resources, integrating the basic properties of soil relevant to understanding plant-soil relationships in natural and human-altered landscapes. Includes lab and field experience.
- 384 Landscape Ecology**.....3 cr
Prereq: GEOG 100 or BIOS 102 or consent of instructor. Freq: Occasionally.
 A study of the interactions between the landscape and its biotic and cultural components. Examines how a natural landscape can be perceived based on patterns of species distributions and species interactions with their environment. Emphasizes human modification of natural processes affecting vegetation.
- 390 Special Topics in Geography**.....3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in geography will be examined.
- 396 Field Methods in Geography**.....3 cr
Prereq: Consent of instructor. Freq: Summer.
 Acquisition and application of geographic concepts, methods and tools in a field setting. Hands-on experience and in-depth learning about the geography of a selected area. May be taken for credit each time a different area is studied. Additional fees required.

UNDERGRADUATE PROGRAMS

- 455 Remote Sensing Essentials**3 cr
Prereq: GEOG 250 or 350 or consent of instructor.
Freq: Every third semester.
 Overview of remote-sensing systems (airborne or satellite). Principles of photographic and electromagnetic remote sensing systems which detect, record and measure distributions of natural and cultural phenomena. Interpretation of aerial and orbital imagery for urban and environmental research and planning.
- 460 Introduction to Geographic Information Systems**.....3 cr
Prereq: GEOG 250 or 350 or consent of instructor. Freq: Yearly.
 Map overlay analysis. Microcomputer system: spatial data bases (data capture, verification, structure, management); and operations (reclassification, overlaying, rotation, scale change, projections, neighborhood functions, modeling).
- 465 Advanced Geographic Information Systems**.....3 cr
Prereq: GEOG 460 or consent of instructor. Freq: Every third semester.
 Advanced, technical implementation and application issues in GIS. Advanced vector and raster operations with selected GIS packages. Includes a course project and communicating the results.
- 490 Special Topics in Geography**.....1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in geography will be examined.
- 494 Internship in Planning**.....3-12 cr
Prereq: Junior standing, geography or related major, 2.75 GPA in geography courses, and consent of instructor.
Freq: Fall, Spring, Summer.
 Work under the direction of planning officials in collecting, coding, compiling, editing and mapping land use and other geographic information used in the planning process. May be repeated for a maximum of 12 credits with up to 6 credits toward the major.
- 495 Senior Seminar**.....2 cr
Prereq: Senior standing, geography or related major.
Freq: Fall, Spring.
 Capstone course applying knowledge and concepts of geography. Includes completing a major project and communicating the results.
- 499 Independent Study**1-3 cr
Prereq: Junior standing, 2.25 overall GPA, and consent of instructor. Freq: Fall, Spring, Summer.
 Maximum of 6 credits may be applied toward the major.

Graduate Courses

- 596 Field Methods in Geography**.....3 cr
Prereq: Consent of instructor. Freq: Summer.
 Acquisition and application of geographic concepts, methods, and tools in a field setting. Hands-on experience and in-depth learning about the geography of a selected area. May be taken for credit each time a different area is studied. Additional fees required.
- 690 Special Topics in Geography**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Advanced study on selected topics in geography.

GEOSCIENCES

Greenquist 345 • 262-595-2327 • Keyword: *Geosciences*

Degree Offered:

Bachelor of Science.

Professor:

Evans, Ph.D. (Chair)

Associate Professor:

Li, Ph.D.

Assistant Professor:

Skalbeck, Ph.D.

Student Organizations/Clubs:

Geology Club

Career Possibilities

Students in the Geosciences Department select from among four concentrations: geology, environmental geosciences, soil and water sciences, and earth science, depending on their career goals.

The geology concentration is a traditional geology curriculum, with sufficient course work to make students eligible for the certification examination as a professional geologist in Wisconsin. Students taking this concentration can consider careers involving earth material resources, energy resource exploration, and engineering geology. This concentration will also prepare them for graduate work in specialties such as planetary geology, volcanology, marine geology, glacial geology, and global plate tectonics.

The environmental geosciences concentration will prepare students for employment in private sector and various governmental agencies. Students completing this concentration will also have appropriate course work to be eligible for the certification exam as a professional geologist and/or professional hydrogeologist in Wisconsin. The expertise in hydrogeology and contaminant fate and transport afforded by this concentration can lead to employment as an environmental geoscientist in a variety of governmental and private organizations.

The soil and water sciences concentration is primarily environmental, and includes specific additional course work in soil science and water resources. Students completing this curriculum will be eligible for the certification exam as professional soil scientists and/or professional hydrogeologists in Wisconsin. Graduates with this background may work with governmental and private agencies in such applied fields as water resource management, soil conservation, and land-use planning.

The earth science concentration is extraordinarily flexible, as 18 credits of support courses are built into the major. These courses will be selected by the student and his/her adviser in order to develop a focal point related to their geosciences curriculum.

The 18 credits is part of the major; therefore, a student electing to complete a minor cannot use these credits for that minor. Typical uses for the support courses include preparation for teacher licensure, law school, MBA or MPA programs.

Department Overview

The department's primary activities center around providing UW-Parkside students with a high-quality major program that will enable them to satisfy their specialized employment objectives. Toward this end, the Geosciences Department provides a core curriculum plus concentrations in geology, environmental geosciences, soil and water science, and earth science. Students electing the first three of these concentrations will fulfill curricular requirements preparatory to professional certification by the state of Wisconsin as a geologist, hydrogeologist, or soil scientist. The earth science concentration provides a broad and flexible foundation for students with wide-ranging interests in the sciences, education, and the liberal arts. Furthermore, upper-level courses are intensively hands-on, enabling students to generate and analyze real-time data while gaining experience with innovative methods and instrumentation used by environmental professionals. The department has installed and maintains a network of groundwater monitoring wells on campus and at other university properties in the community. These sites will serve students as hands-on learning sites, through which they can provide environmental quality assessment data that will assist surrounding communities in recognizing and interpreting long-term effects of land use changes.

It is the purpose of the Geosciences Department to become a key resource for environmental earth-system science at the University of Wisconsin-Parkside, and in Kenosha and Racine counties. To this end, the department fosters faculty, student, and staff involvement and investment in local and regional environmental issues.

The Geosciences Department encourages and supports research and publication by students in cooperation with faculty. The department also supports a program of student research projects on local environmental problems as part of the introductory and advanced courses. The department also encourages and aids advanced students to attend professional society meetings at national, regional, and local levels. Departmental faculty members are actively engaged in research and continue to seek and obtain research support from appropriate federal, state, system, and campus sources. Currently, the geosciences faculty is supported by UW System groundwater funding to do work related to remediation of heavy metal, organic, and anionic contaminants.

Preparation for Graduate School

The environmental geosciences and soil and water science curricula provide a strong background in mathematics and the physical sciences that prepares students for graduate work in the natural and environmental sciences. Students electing the geology concentration should consult with their advisers to determine whether they should include supplementary mathematics and/or physics electives. The earth science concentration—with an appropriate support course plan—is good preparation for advanced degree programs in law, public administration, education, and library science.

Requirements for the Geosciences Major

Geosciences major and concentration selection. Students in the Geosciences Department select from among four concentrations: geology, environmental geosciences, soil and water sciences, and earth science.

All four concentrations have a core of six courses in common:

GEOS 102	Origin and History of the Earth	3 cr
GEOS 104	Introductory Geology Laboratory	2 cr
GEOS 200	Minerals and Rocks	4 cr
GEOS 355	Stratigraphy and Sedimentation	3 cr
GEOS 495	Senior Seminar.	1 cr (must be taken twice)
GEOS 496	Geoscience Applications	3 cr
	Total core courses	17 cr

Geology Concentration Courses (in addition to Core)

GEOS 101	Introductory Geology	3 cr
or		
GEOS 103	Environmental Science: An Earth Resources Approach	3 cr
GEOS 207	Field Methods	2 cr
GEOS 301	Geomorphology	3 cr
GEOS 310	Structural Geology	3 cr
GEOS 331	Introduction to Geochemistry	3 cr
GEOS 345	Geophysics	3 cr
GEOS 361	Hydrogeology	3 cr
GEOS 420	Glacial Geology	4 cr
MATH 114	College Algebra II w/Trigonometry	5 cr
CHEM 101	General Chemistry I	5 cr
CHEM 102	General Chemistry II	5 cr
PHYS 101	Principles of Physics	4 cr
GEOG 460	Intro to GIS	3 cr
	Subtotal concentration	46cr
	Core	17 cr
	Total major requirements	63 cr

Environmental Geosciences Concentration Courses

(in addition to core)

GEOS 101	Introductory Geology	3 cr
or		
GEOS 103	Environmental Science: An Earth Resources Approach	3 cr
GEOS 331	Introduction to Geochemistry	3 cr
GEOS 345	Geophysics	3 cr
GEOS 361	Hydrogeology	3 cr
GEOS 431	Aqueous & Contaminant Geochemistry	3 cr
GEOS 440	Contaminants in Terrestrial Systems	3 cr
GEOS 445	Environmental Sampling, Monitoring, & Assessment	4 cr
GEOS 465	Applied Hydrogeology	4 cr
GEOS 470	Remediation Science and Technology	3 cr
MATH 114	College Algebra II w/Trigonometry	5 cr
MATH 221	Calculus & Analytic Geometry I	5 cr
CHEM 101	General Chemistry I	5 cr
CHEM 102	General Chemistry II	5 cr
PHYS 101	Principles of Physics	4 cr
	Subtotal concentration	53 cr
	Core	17 cr
	Total major requirements	70 cr

Soil and Water Sciences Concentration Courses

(in addition to core)

GEOS 106	Great Lakes Water Resources	3 cr
GEOS 108	Dirt Appreciation: Soils for Survival	3 cr
GEOS 320	Soils, Weathering, and Surficial Processes	4 cr
GEOS 361	Hydrogeology	3 cr
GEOS 331	Introduction to Geochemistry	3 cr
GEOS 440	Contaminants in Terrestrial Systems	3 cr
GEOS 445	Environmental. Sampling, Monitoring, & Assessment	4 cr
GEOS 465	Applied Hydrogeology	4 cr
GEOS 470	Remediation Science and Technology	3 cr
MATH 114	College Algebra II w/Trigonometry	5 cr
MATH 221	Calculus & Analytic Geometry I	5 cr
CHEM 101	General Chemistry I	5 cr
CHEM 102	General Chemistry II	5 cr
PHYS 101	Principles of Physics	4 cr
GEOG 382	Soil Ecosystems and Resources	3 cr
	Subtotal concentration	57 cr
	Core	17 cr
	Total major requirements	74 cr

Earth Science Concentration Courses

(in addition to core)

GEOS 100	Earth in Perspective	3 cr
or		
GEOS 101	Introductory Geology	3 cr
or		
GEOS 103	Environmental Science: An Earth Resources Approach	3 cr
GEOS 106	Great Lakes Water Resources	3 cr
GEOS 108	Dirt Appreciation: Soils for Survival . .	3 cr
GEOS 207	Field Methods.	2 cr
GEOS 301	Geomorphology	3 cr
GEOS 320	Soils, Weathering, and Surficial Processes	4 cr
GEOS 420	Glacial Geology	4 cr
MATH 102	Survey of Mathematics	3 cr
	(or higher)	
CHEM 100	The World of Chemistry	3 cr
or		
CHEM 109	Environmental Chemistry.	3 cr
	Supporting courses	18 cr
	Subtotal concentration	46 cr
	Core	17 cr
	Total major requirements	63 cr

Requirements for the Geosciences Minor

The geosciences minor offers students who are majoring in other academic disciplines, either in science or non-science areas, the opportunity to acquire an appreciation and basic knowledge of geology. This may enhance and add flexibility regarding career opportunities.

Students must complete a minimum of 18 credits in geosciences as follows:

GEOS 101	Introductory Geology	3 cr
	(or acceptable substitute)	
GEOS 102	Origin and History of the Earth.	3 cr
GEOS 104	Introductory Geology Laboratory.	2 cr
GEOS 200	Minerals and Rocks	4 cr
	A minimum of 6 additional geology credits, three (3) of which must be upper level (300/400)	6 cr
	Total credits for geosciences minor . . .	18 cr

Teaching Licensure for Geosciences Major or Minor

Students seeking teacher licensure in the geosciences major or minor must fulfill Wisconsin Department of Public Instruction requirements. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at 262-595-2100. Such students should also consult with the Geosciences Department teacher education liaison, Dr. Evans, at 262-595-2171.

Courses in Geosciences (GEOS)

- 100 Earth in Perspective**.....3 cr
Prereq: None. Freq: Fall, Summer.
Survey of the physical environment, including Earth's place in space, atmospheric processes, the oceans, and the solid earth; humanity's place in the system. Three-hour lecture.
- 101 Introductory Geology**.....3 cr
Prereq: None. Freq: Fall.
Origin, age, and structure of the Earth; mountain building, volcanism, and continental drift; earth materials; rocks, minerals, and mineral and fossil fuel resources. Field trips. Three-hour lecture.
- 102 Origin and History of the Earth**.....3 cr
Prereq: A 3-credit college level geosciences course. Freq: Spring.
Origin of the solar system and Earth; age of the Earth; origin of the oceans, atmosphere and life; geologic and life history. Field trips. Three-hour lecture.
- 103 Environmental Science:**
An Earth Resources Approach.....3 cr
Prereq: None. Freq: Spring and occasionally Fall.
Interactions between earth system processes and human activities: geologic hazards, water quality, pollution, land use, energy, mineral resources. Uses the physical earth to enable student consideration of the settings and values that produce environmental quality. Meets DPI content requirement in environmental education.
- 104 Introductory Geology Laboratory**2 cr
Prereq: GEOS 101 (or acceptable substitute). Freq: Spring.
Rock, mineral, and fossil identification; topographic and geologic map interpretation; aerial photographs; hydrology, soils, and environmental geology. Field trips. Six-hour lab.
- 105 Oceanography**.....3 cr
Prereq: None. Freq: Occasionally.
Origin of ocean basins; nature of seawater; ocean circulation; waves and tides; life in the sea; marine resources. Course specifically intended for non-majors. Three-hour lecture.

- 106 Great Lakes Water Resources**3 cr
Prereq: None. Freq: Spring
 Physical and geologic history and description of the Great Lakes region. Emphasis on hydrologic cycle, economic resources of the Great Lakes, pollution and other environmental issues. Three-hour lecture.
- 108 Dirt Appreciation: Soils for Survival**3 cr
Prereq: None. Freq: Spring
 Provides an understanding of the critical role of soils in determining and maintaining environmental quality. Also introduces the scientific foundations for using soil surveys in land-use planning. Three-hour lecture.
- 110 Introduction to Astronomy**3 cr
Prereq: None. Freq: Fall, Spring.
 Astronomy for non-scientists; largely non-mathematical; planets, stellar evolution, galactic systems, cosmology. Three-hour lecture; periodic lab sessions. Cross listed as PHYS 110.
- 200 Minerals and Rocks**4 cr
Prereq: GEOS 104 or consent of instructor. Freq: Spring.
 Internal order of crystals; physical, chemical, and optical properties of minerals; mineral identification; mineral associations and the classification of igneous, metamorphic, and sedimentary rocks; ore deposits. Field trips. Three-hour lecture, three-hour lab.
- 207 Field Methods**2 cr
Prereq: GEOS 101 and 104. Freq: Fall.
 Field methods used in geologic study, including occurrence and contact relations of geologic bodies, geologic mapping, rock, soil and water sampling. Field trips.
- 290 Special Topics in Geology**1-4 cr
Prereq: Consent of Instructor. Freq: Occasionally.
 Selected topics in geology will be examined.
- 300 Petrology**3 cr
Prereq: GEOS 102 and 200. Freq: Occasionally.
 Origins of igneous, sedimentary, and metamorphic rocks. Review of hand sample and microscopic description; chemical analysis; nature and origin of magma; phase equilibria; magmatic series and differentiation; deposit and diagenesis of sediments; metamorphism. Field trips. Two-hour lecture; four-hour lab.
- 301 Geomorphology**3 cr
Prereq: GEOS 102 and 200; or consent of instructor. Freq: Alternate Falls.
 Analysis and description of landforms; emphasis on genesis, surficial processes, and relation to geologic structure. Includes some regional treatment of landscapes. Field trips. Two-hour lecture; three-hour lab.
- 309 Paleontology**3 cr
Prereq: GEOS 102 or BIOS 102 or consent of instructor. Freq: occasionally.
 Principles, practices, and procedures applied to important fossil invertebrate groups; generalized discussion of plants and vertebrates; elements of biostratigraphy; paleoenvironmental interpretations. Field trips. Two-hour lecture; four-hour lab.
- 310 Structural Geology**3 cr
Prereq: GEOS 102 and 200, or consent of instructor. Freq: Alternate Springs.
 Formation and description of folds, faults, joints, and foliation; tectonic processes; structures related to intrusive and extrusive igneous rocks; interpretation of geologic maps; field techniques. Field trips. Two-hour lecture; three-hour lab.
- 320 Soils, Weathering, and Surficial Processes**4 cr
Prereq: GEOS 104 and CHEM 101. Freq: Alternate Falls.
 Presentation of soils as natural entities in a process-based context. Methods and terminology of soil description and classification. Evaluation of environmental capacity of soils on a quantitative basis. Three-hour lecture; four-hour lab.
- 330 Environmental Geology**4 cr
Prereq: GEOS 104. Freq: Occasionally.
 Application of basic geologic concepts to environmental problems; emphasis on geologic hazards, waste disposal, urban planning, resource policy issues, and environmental trends and programs. Field trips. Three-hour lecture; Three-hour lab.
- 331 Introduction to Geochemistry**3 cr
Prereq: CHEM 102 or equivalent. Freq: Alternate Springs.
 Chemical principles and their application to various geologic environments; chemical weathering, geochemical prospecting; phase equilibria; geochronology. Field trip. Three-hour lecture.
- 345 Geophysics**3 cr
*Prereq: GEOS *102 and MATH 114 or consent of instructor. Freq: Alt. Springs*
 Surface and subsurface geophysics; principles and procedures of magnetics, gravity, seismology, electromagnetics, ground penetrating radar; applications in hydrogeology, petroleum and mineral exploration, environmental and water resource investigations. Field trips. Three-hour lecture.
- 355 Stratigraphy and Sedimentation**3 cr
Prereq: GEOS 102 and 200 or consent of instructor. Freq: Alternate Falls.
 The sedimentary rock record, correlation, nomenclature, paleotectonics, subsurface techniques, sedimentary processes and environments, recent sediments. Field trips. Two-hour lecture; three-hour lab.
- 361 Hydrogeology**3 cr
Prereq: GEOS 200, MATH 114 or consent of instructor. Freq: Alternate Springs.
 Surface water hydrogeology; runoff and stream flow; groundwater hydrogeology: distribution of ground water, aquifer properties, local and regional ground water flow, geology of ground water occurrence; aqueous chemistry, and water quality. Field trips. Three-hour lecture.
- 370 Field Studies in Regional Geology**1-4 cr
Prereq: GEOS 102 and consent of instructor. Freq: Alternate Summers.
 Intensive study of the geology of selected regions. Application of field methods. Based upon a field trip of up to several weeks duration to a selected region. May be repeated for credit. Additional fees required.

- 390 Special Topics**1-4cr
Prereq: None. Freq: Occasionally
 Selected topics in geology will be examined. May be repeated for credit with different topic.
- 420 Glacial Geology**4 cr
Prereq: GEOS 102 or consent of instructor.
Freq: Alternate Springs.
 Regimen and flow of glaciers; glacial erosion and deposition; glacial landforms; Pleistocene history in glaciated and nonglaciated regions; stratigraphy and chronology of Pleistocene deposits in the Midwest and Great Lakes. Field trips. Three-hour lecture; three-hour lab.
- 431 Aqueous and Contaminant Geochemistry**3 cr
Prereq: GEOS 331 or equivalent. Freq: Alternate Springs.
 Solution chemistry; aqueous chemical speciation, organic chemistry; contaminant-sediment interaction; contaminant fate and transport. Field trip. Two-hour lecture; three-hour lab.
- 440 Contaminants in Terrestrial Systems**3 cr
Prereq: GEOS 331. Freq: Alternate Springs.
 Sources, transport, and fate of major environmental contaminants; natural and anthropogenic processes affecting contaminant mobility and bioavailability; cycling of contaminants through terrestrial ecosystems and the vadose zone. Three-hour lecture.
- 445 Environmental Sampling, Monitoring, and Assessment** ...4 cr
Prereq: GEOS 440 and GEOS 361. Freq: Alternate Falls.
 A hands-on methods survey course, using EPA-referenced field and laboratory methods for evaluating contaminant levels in terrestrial and ground water systems. Students learn and practice sampling and monitoring techniques and gain experience with chromatographic and spectroscopic techniques. Two-hour lecture; six-hour lab.
- 465 Applied Hydrogeology**4 cr
Prereq: GEOS 361. Freq: Alternate Springs.
 Mass transport in vadose and saturated zones; origin and behavior of inorganic and organic contaminants; investigative techniques; groundwater models; site remediation; groundwater resource development and management; water law. Field trips. Three-hour lecture, three-hour lab.
- 470 Remediation Science and Technology**3 cr.
Prereq: GEOS 430. Freq: Alternate Springs.
 Methods and techniques for reducing, removing or immobilizing metals and radionuclides, including natural attenuation, in situ stabilization, phytoremediation and bioremediation. Each student will propose and test a new method or a new application of an established method, devised with guidance from research faculty. Three-hour lecture.

- 490 Special Topics in Geology**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Intensive treatment of specialized areas in geology.
- 495 Senior Seminar**1 cr
Prereq: Senior standing. Freq: Fall, Spring.
 Individual student preparations and detailed oral and written presentations, in professional-style format, on knowledge of specialized topics acquired through library, laboratory, and/or field research. May be repeated for credit.
- 496 Geoscience Applications**3 cr
Prereq: Senior standing. Freq: Alternate Fall.
 Course in which students apply their knowledge in service to the community. Project may involve teamwork on environmental assessment, land-use planning, etc., or individual internships with corporate or governmental agencies. Culminates in report/recommendation based on investigations.
- 497 Senior Thesis**1-2 cr
Prereq: Senior standing and consent of instructor.
Freq: Fall, Spring.
 Familiarization with the processes of research and scientific writing based upon laboratory, field, and literature study; oral defense of the thesis. Course may be repeated for up to 4 credits.
- 499 Independent Study**1-2 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring.
 Individual investigation of selected problems in geology. Allows students to pursue independent field, laboratory, or library research interests under supervision of faculty members. Maximum 6 credits.

Graduate Courses

- 570 Field Studies in Regional Geology**1-4 cr
Prereq: Consent of instructor. Freq: Summer.
 Intensive study of the geology of selected regions. Application of field methods. Based upon a field trip of up to several weeks duration to a selected region. Additional fees required.
- 690 Special Topics in Geology**1-4 cr
Prereq: None. Freq: Occasionally.
 Intensive treatment of specialized areas in geology.

GERONTOLOGY

262-595-2146 • Keyword: *Gerontology*

Director

Helen Rosenberg

Degree Offered:

None. Certificate in gerontology.

Gerontology is the study of the process of aging from diverse perspectives. The study of gerontology provides us with an understanding of the biological, psychological, and social influences on people as they age. In addition, the study of gerontology examines the impact of social, political, economic, and health-care policies on the welfare of the elderly.

A certificate in gerontology verifies that a student has taken courses that directly relate to the needs of aging populations and is motivated and prepared to work in this field. The certificate indicates that the student has received college credit for work and that the performance meets the standards of a program offered through the University of Wisconsin-Parkside.

Career Opportunities

As the population of the United States ages, the number of elderly requiring support will increase greatly. Students seeking careers in gerontology will find new opportunities in the public, private, and nonprofit sectors. Entry-level positions are available in programs for the elderly that specialize in housing and long-term residential care, health care, recreation and fitness, and administration of community-based programs that serve older adult populations.

Core Requirements

The certificate in gerontology will require the successful completion of 15 credits among the required and elective courses described below. Students must achieve a 2.5 GPA or better in this program to receive certification.

Required Courses:

BIOS 109	Biology of Aging	3 cr
PSYC 241	Psychology of Aging	3 cr
SOCA 326	Social Gerontology	3 cr

Department Specific Internship in Gerontology* 3 cr

* Students who already have experience in the field of gerontology may receive credit for an internship through written agreement with a faculty member of this program.

Elective Courses:

BIOS 190	Fundamentals in Human Nutrition**	2 cr
HPEA 340	Aging and Wellness	3 cr
SOCA 319	Death and Dying	3 cr

** Students seeking a certificate in gerontology must complete an additional credit of course work. Students may choose a topic of interest to explore in depth as part of a 1-credit independent study. This independent study may be in any of the departments that are part of the Gerontology Certificate Program and must be with the consent of the instructor.

Internships in Gerontology

Students in the Gerontology Certificate Program are required to complete an internship at an area agency that serves the elderly. Such internships are designed to provide experiential learning opportunities as well as introduce students to community expectations with regard to service needs of the elderly. In addition, this is an excellent way of networking with people currently working in this area and learning about possible job opportunities. Internships will be provided through the certificate program, but students who are connected with area aging agencies who wish to complete the internship at a pre-arranged site can do so. Students will receive 3 credits for their participation.

UNDERGRADUATE PROGRAMS

HISTORY

Molinaro 367 • 262-595-2316 • Keyword: *History*

Degree Offered:

Bachelor of Arts.

Professors:

Gellott, Ph.D.; Greenfield, Ph.D.

Assistant Professors:

Godley, Ph.D.; Moats, Ph.D.; Schmitt, Ph.D.

Professional Accreditations or Memberships:

American Historical Association

Student Organizations/Clubs:

History Club; Phi Alpha Theta, the national history honor society.

Career Possibilities:

The study of history prepares students for careers in teaching, research, archival work, government service, politics, editing and publishing, and any other field where the ability to read, write, think, analyze, synthesize, and interpret is a prerequisite.

Department Overview

History is the intellectual discipline that describes, reconstructs, and interprets the human past in order to inform our sense of the present. It provides students with the skills and perspectives necessary to integrate a significant body of knowledge over time and across disciplinary lines, to think critically, and to assess the interaction between continuity and change. UW-Parkside's history faculty all hold doctorates from distinguished universities and are highly productive scholars as well as experienced, expert and well-regarded teachers. The history curriculum is a healthy blending of traditional and innovative courses and provides students with the opportunity for both breadth and depth.

Preparation for Graduate School

A major in history provides a solid educational preparation for graduate study in law, journalism, library science or related professions. Students who are interested in pursuing graduate study in history are encouraged to join the History Club and Phi Alpha Theta and to take more than the minimally required number of credits for the major.

Internships

The internship, available under HIST 494, provides opportunities for research and administrative work at non-university agencies and offices, such as the state and county historical societies and historical museums.

Requirements for the History Major

The major in history consists of a minimum of 36 credits. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. The following courses are required:

HIST 101	The United States, Origins to Reconstruction	3 cr
HIST 102	The United States, Reconstruction to Recent Times	3 cr
HIST 118	The Pre-Modern Western World, Ancient and Medieval Civilizations.	3 cr
or		
HIST 126	World History from Antiquity to 1450	3 cr
HIST 119	Europe from the Renaissance to the French Revolution, 1300-1815.	3 cr
or		
HIST 127	World History from 1450 to 1800	3 cr
HIST 120	Modern Europe, 1815-Present	3 cr
or		
HIST 128	World History from 1800 to the Present.	3 cr
HIST 250	Sources and Methods in History.	3 cr
HIST 350	Historiography and Great Historians	3 cr

Elective Courses

Fifteen credits, of which at least 12 must be chosen from courses at the 300 or 400 level.

Teacher Licensure

In addition to the above required courses, those seeking certification in secondary education with a history major must complete the following:

HIST 128	World History from 1800 to the Present.	3 cr
HIST 247	Evolution of Latin America.	3 cr
HIST 251	Modernization of East Asia.	3 cr

Requirements for the History Minor

Requirements for the history minor consist of a minimum of 18 credits, to be completed as follows:

- Two courses from the following: HIST 101, 102, 118, 119, 120, 126, 127, 128 and 250.
- Electives: 12 credits from courses above the 100 level, of which at least 6 credits are from the 300 or 400 level.

Courses in History (HIST)

- 101 The United States, Origins to Reconstruction3 cr**
Prereq: None. Freq: Fall, Spring, Summer.
 Analyzes the social, economic, ethnic, cultural and political development of the United States from its Native American origins to the end of post-Civil War Reconstruction.
- 102 The United States, Reconstruction to Recent Times ..3 cr**
Prereq: None. Freq: Fall, Spring, Summer.
 Analyzes the historical development of the United States from the end of Reconstruction to the recent past, with emphasis on its emergence as a modern industrial society and a world power.
- 111 Introduction to Women's Studies: Women in History.....3 cr**
Prereq: None. Freq: Alternate Springs.
 This course considers important characters and events in various historical periods from ancient Greece to the modern world. A diversity of culture (i.e. European, African, Asian, indigenous American) is considered. Cross listed as WOMS 111.
- 118 The Pre-Modern Western World: Ancient and Medieval Civilizations3 cr**
Prereq: None. Freq: Fall.
 Surveys the classical and medieval antecedents of modern European economic, social, and political institutions and culture.
- 119 Europe from the Renaissance to the French Revolution from 1300-1815 3 cr**
Prereq: None. Freq: Fall, Spring.
 Surveys the political, religious, social and cultural changes in Europe which gave rise to the modern world order.
- 120 Modern Europe 1815 to the Present.....3 cr**
Prereq: None. Freq: Fall, Spring.
 Europe in the age of the industrialization and the nation-state; the rise of modern political ideologies and their accompanying political revolutions; the age of global hegemony and warfare, the origins of a unified Europe.
- 126 World History from Antiquity to 1450.....3 cr**
Prereq: None. Freq: Yearly.
 The rise of major civilizations; an examination of their institutions and cultures; and their interaction with each other and with neighboring societies.
- 127 World History from 1450 to 1800.....3 cr**
Prereq: None. Freq: Yearly.
 The rise of Europe to world dominance and its consequences from the time of Columbus down to the industrial revolution and the French Revolution.
- 128 World History from 1800 to the Present3 cr**
Prereq: None. Freq: Fall, Spring.
 The growth of European global domination from the industrial revolution through World War II, the subsequent superpower rivalry and its consequences; and recent independence movements in the developing world.
- 180 Popular Culture3 cr**
Prereq: None. Freq: Occasionally.
 History of different forms of popular cultural expression in music, literature, film, magazines, art, etc. Topics may vary for different Western and non-Western societies. May be repeated for credit with different topics.
- 213 Religion in America3 cr**
Prereq: None. Freq: Occasionally.
 A survey of the religious experience in America from colonial times to the present. Includes consideration of the relationship of religion to ethnicity and the role of religion in American politics.
- 221 The Beginnings of Science and Scientific Revolution to 17503 cr**
Prereq: None. Freq: Fall.
 Traces the origin, decline, and revival of early science, the scientific revolution, the Newtonian Synthesis and early scientific processes.
- 222 History of Modern Science-Since 1750.....3 cr**
Prereq: None. Freq: Spring.
 Traces physical theory from Dalton's atoms to the atomic bomb, and biological theory from Lamarck's evolution to DNA. Compares scientific advancement in different cultures and political systems.
- 225 Environmental History of North America3 cr**
Prereq: None. Freq: Spring.
 The use of resources and transformation of the environment, from the early explorers to modern industries, including development of concern for conservation and preservation.
- 236 Women in Modern Society3 cr**
Prereq: None. Freq: Occasionally.
 Surveys the social and demographic patterns of preindustrial society; focuses on the role of women in modern, industrial society. Topics include working-class women, middle class and modernization reform movements; feminism, suffrage, socialism, women in the era of the world wars, the 1950s, and the contemporary women's movement.
- 247 Evolution of Latin America.....3 cr**
Prereq: None. Freq: Fall.
 Broad topical survey of Latin America from pre-Columbian civilizations to the present.
- 250 Sources and Methods in History.....3 cr**
Prereq: Completion of at least two of the following with a C or better: HIST 101, 102, 118, 119, 120, 126, 127, 128.
Freq: Fall.
 Familiarizes students with ways of studying history, basics of historical methods in research and writing, mechanics of archival and library research, oral history, and the role of historians in contemporary society.
- 251 Modernization of East Asia.....3 cr**
Prereq: None. Freq: Occasionally.
 Traces the impact of Westernization and industrialization in China, Japan and other East Asia countries from the middle of the 19th century to the present.

- 260 International Conflict**3 cr
Prereq: None. Freq: Yearly.
 Focuses on the conflict generated by modernization, industrialization, the search for colonies and nationalism. Topics vary and course may be repeated for credit with different content.
- 262 Historic Patterns of Peace and Warfare**3 cr
Prereq: None. Freq: Fall.
 History of patterns of conflict and resolution by diplomacy or war from antiquity down to recent times. Worldwide perspective, but some emphasis on Western civilization.
- 290 Special Topics in History**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in history will be examined.
- 291 Topics in Multicultural History**3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in multicultural American history will be examined. May be repeated for credit with different content.
- 301 Race/Ethnicity: United States of America 1492-1890**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Alternate Years.
 Examines the historical evolution of the “American people” and culture out of the interaction among diverse ethnic elements from initial contacts to the end of the frontier. Attempts to make concrete the concepts of ethnicity and to explore their relationship to socioeconomic, political and diplomatic developments.
- 302 Race/Ethnicity: United States of America 1890 to the Present**.....3 cr
Prereq: HIST 250 or consent of instructor. Freq: Alternate Years.
 Examines the continuing evolution of the United States into “an American kaleidoscope” during the 20th century. Tests the various concepts and models of ethno-cultural interaction against the complexity and diversity of historical development during a century of rapid, massive change. Cross listed as ETHN 302.
- 307 History of Wisconsin**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
 The transformation of Wisconsin from an agrarian territory to an urban, industrial, ethnically diverse state. Uses the facilities of the Area Research Center and the State Historical Society, and examines oral history.
- 313 Imperialism**.....3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
 Origins, development, and decline of the “New Imperialism” in Africa, Asia and Latin America since 1870.
- 320 Germany 1815 to the Present**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Alternate years.
 Examines the failure of liberalism, triumph of political and social reaction, World War I, the fascist response to political defeat and social modernization, World War II and the post-war era, German reunification.
- 324 History of American Politics**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
 Interdisciplinary course in the development of the American political system from colonial times to the present, utilizing concepts of political science and sociology. Emphasis on the causes and nature of political change.
- 330 The Evolution of Pre-Modern Russia**.....3 cr
Prereq: HIST 250 or consent of instructor. Freq: Alternate Falls.
 Describes Russia in the heyday of serfdom and discusses its responses to industrialization, intensified contact with the West, and demand for modernization through the revolutions of 1917.
- 331 History of Soviet Russia, 1917 to the Present**.....3 cr
Prereq: HIST 250 or consent of instructor. Freq: Alternate Springs.
 Approaches chronologically and topically the modern political, cultural and economic systems created in Russia since 1917.
- 333 Contemporary American Immigration**.....3 cr
Prereq: None. Freq: Yearly.
 Examines the global economic, social, and political forces that have shaped immigration to the United States since the passage of the Immigration Nationality Act of 1965 and the ways which immigration is changing the nation and the world. Includes models of assimilation, political participation, and psychological and cultural considerations. Cross listed as ETHN 333.
- 337 African-American History**3 cr
Prereq: None. Freq: Alternate Years.
 Examines the experience of African Americans from colonial times to the present, with emphasis on their evolution as an ethnic group and on their struggle for equality. Cross listed as ETHN 337.
- 339 American Colonial History**3 cr
Prereq: HIST 101; 250 or consent of instructor. Freq: Occasionally.
 An examination of the European exploration and colonization of North America, including interactions with native populations culminating with the American Revolution.
- 340 Early American Republic**.....3 cr
Prereq: HIST 101, 250 or consent of instructor. Freq: Alternate years.
 Traces the political, cultural and social development of the United States from the American Revolution to the antebellum period.
- 341 The Urbanization of the United States**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
 Analyzes the evolution of urban places and cities in the United States from a network of tiny colonial outposts to a complex system of consolidated metropolitan statistical areas, as well as the impact that the historical process of urbanization has had upon other aspects of national development.
- 342 The American Civil War**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Alternate years.
 Examines the origins and outcomes of the United States’ bloodiest conflict, including slavery, westward expansion, and Reconstruction.

- 344 Gilded Age and Progressive Era, 1877-1917**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Alternate years.
 Explores the emergence of the United States as a modern, urban, industrial, multiethnic world power between the end of Reconstruction and American entry into World War I. Stresses the many efforts to reform various aspects of life during the Populist and Progressive Eras.
- 345 America in Turmoil, 1917-1945**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Alternate years.
 Focuses on the nation's large-scale efforts to come to grips with the problems of urban, industrial, multicultural life; examines Progressivism, World War I, the 1920s, the New Deal and World War II.
- 346 Recent America, 1945 to the Present**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Alternate years.
 Examines America's emergence as a superpower in the world and a complex, affluent society at home.
- 347 Topics in Latin American History**.....3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
 Focuses on specific countries or on particular aspects of Latin American development; for example, revolution and land reform. May be repeated for credit with different topics.
- 350 Historiography and Great Historians**.....3 cr
Prereq: HIST 250. Freq: Spring.
 Examines the development of history as a system of knowledge from ancient times to the present, focusing on major schools of interpretation and significant historians.
- 355 Evolution of Modern China**.....3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
 Briefly surveys the contributions of the major dynasties to Chinese civilization and discusses in greater depth China's evolution from imperial state to the present Communist nation.
- 357 Emergence of Modern Japan**.....3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
 Describes Japan's evolution from the closed system prior to Perry's arrival in the 1850s to the modern industrialized Japan of today.
- 362 Topics in 19th Century Europe**3 cr
Prereq: HIST 120, 250 or consent of instructor. Freq: Occasionally.
 Topics include political and social revolutions; modernization and industrialization; nationalism; new cultural movements; the rise of modern ideologies; feminism and women's rights.
- 363 Europe Between the Wars: 1919-1939**.....3 cr
Prereq: HIST 120 and 250, or consent of instructor. Freq: Occasionally.
 Europe from the end of the first world war to the beginnings of the second. Topics include the Treaty of Versailles, revolutions in Central Europe, the successor states in Eastern Europe, political change in the west, the rise of fascism, appeasement, and the road to war.
- 364 Europe Since 1945**3 cr
Prereq: HIST 120 and 250, or consent of instructor. Freq: Alternate years.
 The end of World War II; the Cold War and Sovietization of Eastern Europe; political change in the West; decolonization; European unification; revolutions of 1989; recent developments in Europe.
- 490 Special Topics in History**.....1-4 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
 Selected topics in history will be examined. Research paper required.
- 491 Topics in Multicultural History**3 cr
Prereq: Junior standing or consent of instructor. Freq: Occasionally.
 Selected topics in multicultural American history will be examined. May be repeated for credit with different content.
- 494 Internship in History**.....1-12 cr
Prereq: HIST 250 or consent of instructor. Freq: As arranged.
 Research and administrative work at non-university agencies and offices, such as the state and county historical societies. Available to qualified history majors under supervision of individual instructors. May be repeated for a maximum of 12 credits with up to 6 credits toward the major.
- 499 Independent Study**1-5 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring, Summer.
 Available to qualified students under supervision of individual instructor. Topics must be mutually agreed upon

HONORS PROGRAM

Molinaro 367 • 262-595-2101 • Keyword: *Honors*

Student Publication:

Journal of the Honors Program.

Program Overview

The Honors Program encourages and rewards excellence. Students who complete all of the requirements receive recognition at graduation and on their transcripts. To enroll in honors courses or begin honors projects or thesis work, students must first be admitted to the program. Admission is granted by the program steering committee. Applications are accepted every semester. Contact the Honors Program director for more details.

The Honors Program provides thematically integrated and challenging opportunities for UW-Parkside’s most talented students, ensures that UW-Parkside’s best students and faculty scholars engage in collegial, working relationships on in-depth projects of mutual interest, and fosters fellowship and community among UW-Parkside honors students.

Program admission requirements for new freshmen include standing in the upper 5 percent of their high school graduating class or a 95th percentile ACT score, or standing in the upper 10 percent of their high school graduating class and a 90th percentile ACT score. Continuing or transfer students must have a cumulative GPA of 3.50 or better and must have completed at least 12 credits of college work. All applicants must submit a writing sample and a letter of recommendation from a faculty member from this or another institution. Students transferring from another institution may receive up to 9 credits toward the Honors Program. Transferred honors credits must be approved by the director.

Requirements for the Honors Program

To receive official transcript designation and recognition at graduation, students admitted to the Honors Program must acquire 24 credits in honors course work, including three 1-credit Honors Seminars, two other honors-designated courses (excluding English 101), and at least 3 credits of Honors Thesis. The remaining credits may be earned through honors projects attached to regularly scheduled courses or through additional Honors Seminars or honors designated courses. Students may also earn up to 3 honors activity credits for participation in special events. A grade of B+ or higher must be earned for a student to be awarded honors credit for any course.

In order to receive honors credit for a course not designated as an honors course, a student must first complete an honors agreement with the instructor. The agreement must state the specific nature of the additional honors work for the class and must be approved by the director of the Honors Program.

Students may also earn up to 3 honors credits by participating in academic campus activities outside the classroom such as lectures, discussions, and presentations.

One activity credit for honors requires:

- Prior approval of the Honors Program director.
- At least six hours of activities (note that the actual number of attended events may be more or less than this).
- Written presentation of a summary and critical evaluation of the experience to the Honors Program director.

Honors credits achieved in this manner will not count toward graduation nor toward the completion of any academic requirement other than those for the Honors Program. It is recommended that incoming freshmen who are eligible for the Honors Program enroll in HONS 495, Honors Seminar.

Courses in the Honors Program (HONS)

- 290 Special Topics3cr
Prereq: Admission to Honors Program and consent of director.
- 490 Special Topics3 cr
Prereq: Admission to Honors Program and consent of director.
Freq: Occasionally.
Selected topics of interest will be examined.
- 494 Honors Internship1-3 cr
Prereq: Admission to Honors Program and consent of director.
Freq: Occasionally.
Community work experience with investigation of an academic question. Students engage in field work obtaining material for an applied research project. May be repeated up to 3 credits.
- 495 Honors Seminar1 cr
Prereq: Admission to Honors Program and consent of director.
Freq: Fall, Spring.
Critical examination and discussion of the annual theme of the Honors Program. Content will vary to reflect the interests of the participants and faculty. May be repeated for credit.
- 497 Honors Thesis3-6 cr
Prereq: Second-year honors student and consent of director.
Freq: Fall, Spring.
Directed original research project under a professor in the student’s major. Completed work will be presented to the honors steering committee. May be repeated up to 6 credits.
- 499 Independent Study1-3 cr
Prereq: Admission to Honors Program and consent of director.
Freq: Occasionally.
Directed work under the guidance of a supervising professor and the Honors Program director. May be repeated up to 3 credits.

UNDERGRADUATE PROGRAMS

HEALTH, PHYSICAL EDUCATION AND ATHLETICS

Sports & Activity Center 2nd Floor • 262-595-2308 or 595-2245

Keyword: *HPEA*

Degrees Offered:

Bachelor of Science in Sport Management
Bachelor of Science in Fitness Management

Associate Professors:

Lyter, Ph.D. (Chair)

Assistant Professors:

Schoepfer, J.D.; White, Ph.D.

Clinical Associate Professors:

Draft, M.S. (Associate Athletic Director); Kilps, ATC-L/M.S. (Coach)

Clinical Assistant Professors:

Curtis, ATC-L/M.S.E.(Athletic Trainer); Koch, M.S. (Coach); Miller, M.S. (Aquatic Director); Reigel, M.S. (Coach), Roethig, M.S. (Coach); Rosa, B.S. (Coach)

Lecturer:

Williams, S., M.S. (Wellness Center Coordinator)

Specialists:

Williams, D., M.S. (Athletic Director); Reed, B.A. (Facility Director); Nelson, B.A. (Assistant to the Athletic Director); Archuleta, M.S. (Coach); DeWitt, M.S. (Coach); Fabiano, B.S. (Coach); Falk-Day, B.A. (Intramural Coordinator); Fillipp, B.S. (Coach); Knight, B.S. (Coach); Kratochvil, B.A. (Sports Information Director); Olsen, M.Ed. (Coach)

Professional Accreditations or Memberships:

National Collegiate Athletic Association - Division II, Great Lakes Valley Conference.

Student Organizations/Clubs:

Student-Athlete Advisory Committee, Sport & Fitness Management Club.

Career Possibilities:

Majors can find employment within the sport or fitness field including educational institutions, amateur and professional sport organizations, health and fitness centers and the sporting goods industry. Careers include marketing, administration, coaching, program development, consulting, journalism and public relations.

Department Overview

The Health, Physical Education and Athletics Department (HPEA) offers majors in sport management or fitness management as well as certificates in coaching, sport management, and

fitness management. The sport and fitness management core program is designed to create a foundation in management, business, marketing, legal, and accounting principles that can be applied to the sport and fitness industry. Students entering the program are required to select either a sport or a fitness concentration to complete the remainder of the specialized course work.

The certificates are designed to supplement an existing major with career-specific course work to enhance employment opportunities.

In addition, the curriculum provides education in lifetime wellness and a variety of lifetime activities stressing awareness, knowledge and skills to promote lifelong wellness and improved quality of life.

The Sports & Activity Center houses the HPEA curriculum, recreation and athletic programs. The facility opened in the fall of 2000 and consists of both new and remodeled spaces. Indoor space includes the DeSimone Gymnasium and the Petretti Fieldhouse containing tennis, volleyball, badminton and basketball courts as well as a 200-meter track. In addition, there is the Tenuta Hall including classrooms, a weight room, dance studio, racquetball courts, multi-purpose room, combative room, Wellness Center, eight-lane pool, and equipment room. Outdoor space includes eight soccer fields; Red Oberbruner baseball diamond; Case Softball Complex; 400-meter, all-weather track; six tennis courts, and the Wayne E. Dannehl National Cross Country Course.

The athletics program provides intercollegiate competition in the National Collegiate Athletic Association – Division II and is a member of the Great Lakes Valley Conference (GLVC), with member schools in Indiana, Illinois, Kentucky, Missouri, and Wisconsin.

UW-Parkside offers athletic scholarships with recipients determined by the head coaches of the various sports. Varsity programs are offered in:

- Men's and Women's Basketball
- Men's and Women's Cross Country
- Men's and Women's Soccer
- Men's and Women's Indoor and Outdoor Track
- Men's Golf
- Women's Volleyball
- Men's Wrestling
- Women's Softball
- Men's Baseball

Preparation for Graduate Studies

Undergraduate study in the sport management concentration provides excellent preparation for graduate study in sport administration and sport law, while undergraduate study in the fitness management concentration provides preparation for advanced study in such areas as physical therapy, occupational therapy, medical school, and exercise science.

GPA Requirements

Students must have a minimum 2.0 cumulative GPA to be accepted into the sport or fitness management major. Students must have a minimum 2.5 major GPA to graduate with a degree in sport or fitness management.

Core Course Requirements for the Major in Sport or Fitness Management

Core Course Work (18 credits)

BUS 100	Introduction to Business	3 cr
ACCT 201	Financial Accounting	3 cr
HPEA 210	Intro to Sport and Fitness Management	3 cr
HPEA 300	Legal Issues in Sport and Fitness Management	3 cr
MGT 349	Organizational Behavior	3 cr
HPEA 450	Sport and Fitness Marketing	3 cr

A. Sport Management Courses (58 credits)

Core Course Work (18 credits listed above)

ENGL 204	Writing for Business & Industry	3 cr
COMM 108	Media and Society	3 cr
	Plus Media and Society Lab	1 cr
COMM 202	Group Communication	3 cr
ECON 305	Economics of Sport	3 cr
HPEA 282	Ethics and Issues in Sport Management . .	3 cr
HPEA 330	Sport in Society	3 cr
HPEA 380	Facility Development and Management . .	3 cr
HPEA 400	Advanced Legal Issues in Sport Management	3 cr
HPEA 420	Sport Business and Finance	3 cr
HPEA 495	Fieldwork in Sport Management*	12 cr

* Fieldwork may be completed as follows – student must have a minimum 2.5 major GPA to enroll in HPEA 495:

- 1) Fieldwork Only Option
12 credits (to be completed after all other required course work is completed in student's last semester).
- 2) Fieldwork/Course Option
12 credits of 300 or 400 level approved courses. A minimum of 6 credits must be in HPEA 495 Fieldwork in Sport Management with at least 3 of these credits in the student's last semester.

B. Fitness Management Courses (62 credits)

Core Course Work (18 credits listed above)

BIOS 105	Anatomy and Physiology I	4 cr
BIOS 106	Anatomy and Physiology II	4 cr
HPEA 270/271	Lifetime Wellness and Lab	3 cr
HPEA 280	Sport and Fitness Nutrition	3 cr
HPEA 345	Prevention and Care of Athletic Injuries	3 cr
HPEA 353	Biomechanics	3 cr
HPEA 354	Physiology of Exercise	3 cr
HPEA 358	Sport and Fitness Psychology	3 cr
HPEA 410	Fitness Assessment and Prescription . . .	3 cr
HPEA 430	Fitness Program Management	3 cr
HPEA 498	Fieldwork in Fitness Management*	12 cr

* Fieldwork may be completed as follows – student must have a minimum 2.5 major GPA to enroll in HPEA 498:

- 1) Fieldwork Only Option
12 credits (to be completed after all other required coursework is completed).
- 2) Fieldwork/Course Option
12 credits of approved 300 or 400-level courses. A minimum of 6 credits must be in HPEA 498 Fieldwork in Fitness Management with at least 3 of these credits in the student's last semester.

Coaching Certificate Course Requirements (15 credits)

HPEA 211	Sport Safety Training and Automated External Defibrillation	1 cr
HPEA 283	Orientation to Coaching	3 cr
HPEA 301	Training Patterns	2 cr
HPEA 345	Prevention and Care of Athletic Injuries	3 cr

Two of the following:

HPEA Coaching Theory* 2 credits each
Baseball (251), Basketball (252), Soccer (259), Softball (260), Track and Field (264), Wrestling (265), and Volleyball (266)

* Each of the coaching theory courses has a corresponding activity course (1 credit each) as a prerequisite. Baseball (115), Basketball (117), Soccer I (180), Softball (182), Track and Field (192), Wrestling (198), Volleyball (194)

Individuals who successfully complete the coaching certificate will meet WIAA requirements for coaching.

Sport Management Certificate Course Requirements (15 credits)

HPEA 210	Introduction to Sport and Fitness Management	3 cr
HPEA 282	Ethics and Issues in Sport Management . .	3 cr
HPEA 300	Legal Issues in Sport and Fitness Management	3 cr
HPEA 450	Sport and Fitness Marketing.	3 cr
Elective	3 credits of approved 300 or 400 level course work	3 cr

Fitness Management Certificate Course Requirements (20 credits)

BIOS 105	Human Physiology and Anatomy I . . .	4 cr
BIOS 106	Human Physiology and Anatomy II . . .	4 cr
HPEA 270	Lifetime Wellness	2 cr
HPEA 271	Lifetime Wellness Lab.	1 cr
HPEA 280	Sport and Fitness Nutrition	3 cr
HPEA 353	Biomechanics	3 cr
HPEA 354	Physiology of Exercise.	3 cr

Courses in Health, Physical Education and Athletics (HPEA)

- 105 Beginning Swimming**.....1 cr
Prereq: Non-swimmers only. Freq: Occasionally.
This course is for the non-swimmers or those who cannot swim 10 yards. Three basic strokes, basic water skills and water safety skills are taught.
- 106 Intermediate Swimming**.....1 cr
Prereq: Able to swim 25 yards using a minimum 3 basic strokes, or pass HPEA 0105. Freq: Occasionally.
This course is for the swimmers of average swimming ability. This course will refine current swimming skills, teach new strokes and skills and cover personal water safety skills.
- 107 Advanced Swimming**1 cr
Prereq: Strong swimming skills, able to swim 25 yards using 4 different strokes. Freq: Occasionally.
Designed for the advanced swimmer. This course will improve upon six basic strokes, increase efficiency and endurance. Great class for those interested in Swim for Fitness.
- 110 Scuba Diving**1 cr
Prereq: None. Freq: Fall, Spring.
The fundamentals of scuba diving including diving equipment and techniques. Successful completion of the course qualifies students for check-out dives and final scuba diver certification. This course is taught under the auspices of the Professional Association of Diving Instructors (PADI). Two-hour lab. Extra fees required.

- 112 Swim for Fitness**1 cr
Prereq: Consent of instructor or ability to swim a minimum of 100 yards using any stroke. Freq: Fall, Spring.
Improve cardiovascular fitness through swimming. Additional swimming outside of class is required. Not appropriate for weak or non-swimmers. Two-hour lab.
- 113 Badminton**.....1 cr
Prereq: None. Freq: Occasionally.
Introduction to basic skills, rules, proper court position and conditioning. Two-hour lab.
- 115 Baseball**.....1 cr
Prereq: None. Freq: Occasionally.
Introduction to fundamental skills and the elements of position play. Two-hour lab.
- 117 Basketball**.....1 cr
Prereq: None. Freq: Spring.
Practical experience in fundamentals and team play. Two-hour lab.
- 123 Bowling I**.....1 cr
Prereq: None. Freq: Fall, Spring.
Fundamentals of duck-pin and ten-pin bowling. Practice in local centers. Two-hour lab.
- 124 Bowling II**.....1 cr
Prereq: HPEA 123 or consent of instructor. Freq: Fall, Spring.
Continuation of Bowling I but with a special emphasis on advanced techniques which require a minimum background in bowling.
- 130 Relaxation**1 cr
Prereq: None. Freq: Fall, Spring.
The purpose of this course is to provide the student with the necessary knowledge and the ability to recognize stressors and their effects on one's life, as well as the implementation of various relaxation techniques. Relaxation techniques including deep breathing, meditation, imagery and progressive relaxation are among those covered in the course.
- 131 Pilates and Fitness Yoga**1 cr
Prereq: None. Freq: Fall, Spring
Pilates is a type of movement system that uses a series of floor exercises to increase strength, flexibility, balance, stamina, and concentration while focusing on your center or core. Fitness Yoga is a program for a more powerful defined physique using traditional yoga asanas geared toward the athlete and fitness enthusiast.
- 132 Social Dance**1 cr
Prereq: None. Freq: Occasionally.
Includes an array of social dances which best meet the modern dancing needs for current college students. Two-hour lab.
- 138 Jogging for Fun & Fitness**.....1 cr
Prereq: None. Freq: Fall, Spring.
To teach students proper running techniques, working with pulse rates, how to test themselves, and foot care.

- 139 Disc Golf**1 cr
Prereq: None. Freq: Fall, Spring.
 To provide the student with the knowledge and skills needed to play disc golf. Students also learn the rules so they can play at a competitive level.
- 141 Golf I**1 cr
Prereq: None. Freq: Fall, Spring.
 Fundamentals of golf: grip, stance, swing, rules and etiquette. Practice with all clubs with emphasis upon fundamental mechanics. Opportunity to develop skills on local golf courses. Two-hour lab.
- 142 Golf II**1 cr
Prereq: HPEA 141 or consent of instructor. Freq: Occasionally.
 Continuation of Golf I. Advanced shots, playing, and planning all types of tournaments.
- 143 Step Aerobics I**1 cr
Prereq: None. Freq: Fall, Spring.
 Basic step aerobics fundamentals and medium impact levels of cardiovascular development.
- 144 Step Aerobics II**1 cr
Prereq: HPEA 143. Freq: Fall, Spring.
 Advanced techniques in Step Aerobics to develop high-level skills and fitness.
- 149 Aerobics I**1 cr
Prereq: None. Freq: Fall, Spring.
 Provides a study of aerobic dance, exercise theory and techniques.
- 150 Aerobics II**1 cr
Prereq: HPEA 140. Freq: Fall, Spring.
 Advanced techniques of aerobics including step aerobics designed to improve fitness levels and provide greater understanding of the values of exercise theory.
- 157 Karate I**1 cr
Prereq: None. Freq: Fall, Spring.
 Fundamentals of basic karate techniques. Emphasis placed on proper overall organization of hand and foot techniques, stances, posture, and physical principles of power.
- 158 Karate II**1 cr
Prereq: HPEA 157 or consent of instructor Freq: Fall, Spring.
 Intermediate study in the art of self-defense. Introduction to defense against an actual assailant and concentrated study of prearranged formal exercises.
- 159 Karate III**1 cr
Prereq: HPEA 158 or consent of instructor Freq: Fall, Spring.
 Advanced study in the art of self-defense. Instruction in defense against attacks with a weapon and multiple assailants. Combined physical psychological principles of power.
- 167 Racquetball I**1 cr
Prereq: None. Freq: Fall, Occasionally.
 Practice in fundamentals of stroke and hand techniques through various types of drills for all levels of ability; rule interpretation; and single and double play. Two-hour lab.
- 168 Racquetball II**1 cr
Prereq: HPEA 167 or consent of instructor. Freq: Occasionally.
 Teach advanced racquetball techniques for students with beginning racquetball experience. Advanced tactics, strategy, shot selections and court positions are taught. Two-hour lab.
- 169 Personal Defense**1 cr
Prereq: None. Freq: Occasionally.
 This is a practical basic course consisting of a small “repertoire” of defense actions, easy to learn and easy to remember. These simple actions can be combined and applied to most situations.
- 171 Wellness Lab**1 cr
Prereq: None. Freq: Fall, Spring, Summer.
 To learn and develop a personal fitness program using the Wellness Center and to measure and evaluate personal fitness parameters.
- 178 Cross Country Skiing**1 cr
Prereq: None. Freq: Winterim.
 Fundamentals of skiing, including equipment, conditioning, and waxing with both recreational ski jogging and competitive running a part of the program. Two-hour lab.
- 179 Aerobic Walking**1 cr
Prereq: None. Freq: Fall, Spring.
 To learn and develop proper aerobic walking techniques and the personal fitness benefits of walking.
- 180 Soccer I**1 cr
Prereq: None. Freq: Alternate Springs.
 Practice in basic principles of soccer skills. Class is divided into groups for principles of team play and the use of these skills in game situations. Two-hour lab.
- 181 Soccer II**1 cr
Prereq: HPEA 180 or consent of instructor. Freq: Occasionally.
 Advanced study and practice in the tactics, strategy and fitness of the game of soccer, with emphasis on theory rather than techniques.
- 182 Softball**1 cr
Prereq: None. Freq: Occasionally.
 Fundamentals of softball, position play stressed, offensive and defensive team play presented. Two-hour lab.
- 183 Cross Training I**1 cr
Prereq: Consent of Instructor. Freq: Spring
 This course, combining plyometrics, agility, and speed training, is designed for developing power and quickness for the athlete who competes in serious recreational leagues and amateur sports competition.
- 184 Cross Training II**1 cr
Prereq: Cross Training I, Consent of Instructor. Freq: Spring
 Mid-level developmental skill for the serious recreational and amateur sports competitor (in the areas of plyometrics, agility, and speed).
- 185 Cross Training III**1 cr
Prereq: Cross Training I & II, Consent of Instructor. Freq: Spring
 Advanced skill development in the areas of plyometrics, agility, and speed for the serious competitor in amateur athletics.

- 186 Cross Training IV**1 cr
Prereq: Cross Training I, II, III, Consent of Instructor.
 High performance development in advanced skills of plyometrics, agility and speed for the serious recreational and amateur athlete.
- 188 Tennis I**.....1 cr
Prereq: None. Freq: Fall, Spring.
 Fundamentals of stroke technique through drills designed for all levels of ability, rules interpretation and match play. Two-hour lab.
- 189 Tennis II**1 cr
Prereq: HPEA 188 or consent of instructor. Freq: Occasionally.
 Tennis II involves the intermediate strokes of competitive tennis. This course includes preparation for tournament play in both singles and doubles.
- 190 Tennis III**.....1 cr
Prereq: HPEA 189 or consent of instructor. Freq: Occasionally.
 Tennis III is “power” tennis involving the most advanced strokes and the strategy of championship play. All students will compete in a singles and doubles tournament.
- 191 Special Topics**1 cr
Prereq: None. Freq: Occasionally.
 Selected activity courses will be examined.
- 192 Track and Field**1 cr
Prereq: None. Freq: Occasionally.
 Fundamentals of track and field events. Two-hour lab.
- 194 Volleyball**1 cr
Prereq: None. Freq: Spring.
 Fundamentals of technique, elements of attack and defense, rules interpretation, game strategy, officiating and skill testing. Two-hour lab.
- 195 Physical Education Workshop**.....1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
 Activities, models, methods, and instructional resources in physical education. Emphasis on participant involvement through individual/group experience, problem solving and expression.
- 196 Weight Training**.....1 cr
Prereq: None. Freq: Fall, Spring.
 Elementary weight training to introduce the student to a general program of the basic lifts, the muscle groups affected by these lifts, and procedures of safety factors and theory of weight training. Two-hour lab.
- 198 Wrestling**.....1 cr
Prereq: None. Freq: Even Falls.
 Fundamental wrestling techniques, scoring, chain wrestling, strategy, teaching techniques, experience in actual matches, conditioning exercises and warm-up drills. Two-hour lab.
- 199 Yoga**1 cr
Prereq: None. Freq: Fall, Spring.
 A study of the various yoga disciplines. Emphasis on the total health of a person through the discipline of yoga.
- 201 Community First Aid and CPR**.....1 cr
Prereq: None. Freq: Fall, Spring.
 Training individuals to act in emergency situations, being able to recognize and control life-threatening situations including sudden illness and injuries. Includes cardio-pulmonary resuscitation (CPR).
- 210 Intro to Sport and Fitness Management**3 cr
Prereq: None. Freq: Fall, Spring.
 This introductory course will provide an overview of the sport and fitness management industry. Emphasis will be placed on basic management principles and career opportunities.
- 211 Sport Safety Training and Automated External Defibrillation**1 cr
Prereq: None.
 Provide coaches with the knowledge and skills necessary to help provide a safe environment for athletes while they are practicing and competing. To sustain life until EMS personnel arrive. Upon successful completion certificates for CPR/FA and AED will be issued.
- 232 Lifeguard Training**.....2 cr
Prereq: Ability to swim 500 yards continuously using the front crawl with rhythmic breathing. Freq: Spring.
 To teach lifeguard skills and knowledge needed to prevent and respond to aquatic emergencies. Upon successful completion American Red Cross certifications will be issued.
- 233 Water Safety Instructor**.....2 cr
Prereq: Swimmer level skills, current emergency water safety or current lifeguard training certification. Freq: Occasionally.
 Students completing this course will be eligible to teach progressive swimming courses and four other certifying courses. Meets American Red Cross standards. One-hour lecture, two-hour lab.
- 240 Ballet**.....2 cr
Prereq: None. Freq: Fall, Spring.
 Ballet offers the student the opportunity to get in shape and achieve positive personal goals through the study of classical ballet technique, terminology and style.
- 242 Jazz Dance**.....2cr
Prereq: None. Freq: Fall, Spring.
 Jazz Dance offers the opportunity to get in shape and achieve positive personal goals through the study of jazz dance, terminology and styles of dancing.
- 251-266 COACHING THEORY**
- 251 Baseball**.....2 cr
Prereq: HPEA 115 or consent of instructor. Freq: Alternate Falls.
 A study of the techniques necessary to organize, administer, and teach baseball for interscholastic competition. Two-hour lecture.
- 252 Basketball**.....2 cr
Prereq: HPEA117 or consent of instructor. Freq: Spring.
 A study of the techniques necessary to organize, administer, and teach basketball for interscholastic competition. Two-hour lecture.

- 259 Soccer**.....2 cr
Prereq: HPEA180 or consent of instructor. Freq: Alternate Springs.
 A study of the techniques necessary to organize, administer, and teach soccer for interscholastic competition. Two-hour lecture.
- 260 Softball**.....2 cr
Prereq: HPEA 182 or consent of instructor. Freq: Alternate Falls.
 A study of the techniques necessary to organize, administer, and teach softball for interscholastic competition. Two-hour lecture.
- 264 Track and Field**2 cr
Prereq: HPEA192 or consent of instructor. Freq: Alternate Springs.
 A study of the techniques necessary to organize, administer, and teach track and field for interscholastic competition. Two-hour lecture.
- 265 Wrestling**.....2 cr
Prereq: HPEA 198 or consent of instructor. Freq: Even Falls.
 A study of the techniques necessary to organize, administer, and teach wrestling for interscholastic competition. Two-hour lecture.
- 266 Volleyball**2 cr
Prereq: HPEA 194 or consent of instructor. Freq: Alternate Falls.
 A study of the techniques necessary to organize, administer, and teach volleyball for interscholastic competition. Two-hour lecture.
- 268 Officiating Team and Dual Sports**2 cr
Prereq: None. Freq: Occasionally.
 Rule interpretations and techniques of officiating; practice in actual officiating required. Graduates are eligible for certification by the WIAA as an official and by the intramural board for university officiating.
- 270 Lifetime Wellness**2 cr
Prereq: Concurrent registration in HPEA 271. Freq: Fall, Spring, Summer.
 Provide the necessary knowledge and skills to develop a personal fitness/wellness program and to achieve greater life-long health and wellness.
- 271 Lifetime Wellness Lab**1 cr
Prereq: Concurrent registration in HPEA 270. Freq: Fall, Spring, Summer.
 Learn and develop a personal fitness program using individually selected lab techniques to measure and evaluate personal fitness parameters.
- 280 Sport & Fitness Nutrition**.....3 cr
Prereq: None. Freq: Spring
 The goal of this course is to develop an understanding of the interaction of good nutrition and exercise habits. Focus on nutritional strategies to maximize energy to get the most out of exercise. The needs and responses of special populations to diet and exercise will also be considered.
- 282 Ethics and Issues in Sport Management**.....3 cr
Prereq: None. Freq: Fall, Spring.
 A study of ethical and behavioral issues as they relate to current issues and problems in sport management including areas of academic athletic counseling, diversity, media, athletes as role models, and ethical dilemmas confronting professionals in sport management.
- 283 Orientation to Coaching**.....3 cr
Prereq: None. Freq: Spring.
 Designed to introduce the student to the general techniques and responsibilities necessary for success in athletic coaching.
- 290 Special Topics in Physical Education**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in physical education will be examined.
- 291 Wrestling Officiating Certification**.....2 cr
Prereq: None. Freq: Occasionally.
 Rule interpretations and technique of officiating. Practical experience in officiating is required. The final examination will certify the students for WIAA certification.
- 292 Basketball Officiating Certification**.....2 cr
Prereq: None. Freq: Occasionally.
 Prepare students who aspire to coach and/or officiate basketball games at the elementary, middle, and secondary levels in the greater UW-Parkside community.
- 300 Legal Issues in Sport and Fitness Management**3 cr
Prereq: Junior/senior status. Freq: Fall, Spring.
 A presentation of the basic legal system, terminology and principles as applied to sport and fitness management. Emphasis is placed on identifying and analyzing legal issues, the ramification of those issues, and the means of limiting liability of sport and fitness organizations. Topics covered include negligence, risk management, and contract law.
- 301 Training Patterns**2 cr
Prereq: None. Freq: Spring.
 Fundamental principles of conditioning, including marathon, Fartlek, interval, repetition, speed and weight training. Two-hour lab.
- 305 The Economics of Sports**3cr
Prereq: Intro course in economics or consent of instructor. Freq: Fall (odd years).
 Economic issues in professional sports: labor relations, player salaries, ticket prices, franchise values, competitive balance, stadium financing, and market structure. Cross-listed as ECON 305.
- 321 Women's Health Issues**3 cr.
Prereq: Junior/senior status. Freq: Spring (even years).
 This course will provide a comprehensive overview of critical, contemporary women's health topics and a framework for informed personal and social health decision-making. Topics include women's health, overview of definitions; health status and implications; nutrition and fitness; sexuality and reproductive health; violence in women's lives; health of women across the life span; chronic diseases; and substance use/abuse issues.
- 322 First Aid and Emergency Response**3 cr
Prereq: None. Freq: Fall, Spring.
 Provide knowledge and skills necessary to help sustain life, reduce pain and minimize the consequences of injury or sudden illness until help arrives. American Red Cross certified in adult CPR and first aid.

- 324 Physical and Mental Health for Early Childhood3 cr**
Prereq: TEDU 215, 301; admission to Teacher Education.
Freq: Summer.
 Contributions of play, games and physical education to development in early childhood; curriculum, methods, and materials that maximize physical, social, personal, motor and mental health.
- 330 Sport in Society.....3 cr**
Prereq: None. Freq: Fall, Spring.
 A survey of the past and present roles sport has played within our society including its impact on our educational system, the media, the family, and economic structures. Areas including heritage, social status, personality and race will be addressed.
- 340 Aging and Wellness.....3 cr**
Prereq: HPEA 270 and 271; or BIOS 109, or consent of instructor. Freq: Every third semester.
 This course addresses the health needs of an aging population covering the multifaceted dimensions of wellness during the aging process with focus on biological, psychological, social, and political factors. Emphasis will be placed on health promotion.
- 345 Prevention and Care of Injuries3 cr**
Prereq: None. Freq: Fall.
 A study of the latest techniques in the prevention of injuries related to fitness, recreation and athletics. Areas covered will focus on injury evaluation and care, including conditioning, taping, wound care, therapeutic modalities, and rehabilitation exercises.
- 348 Health and Physical Education for Middle Childhood - Early Adolescence.....3 cr**
Prereq: Admission to Teacher Education. Freq: Fall.
 Study and analysis of problems and methods in organization, administration, teaching, and curriculum construction for middle childhood – early adolescence in health and physical education. Includes school visitation, gym, lab experience and class projects.
- 352 Physical Education Techniques2 cr**
Prereq: None. Freq: Fall, Spring.
 Designed to acquaint the student with various methods of conducting the instructional period in physical education and teaching aids; the underlying principles basic to sound teaching practices; and practical experience as teacher aids to instructional staff. One-hour lecture; two-hour lab.
- 353 Biomechanics3 cr**
Prereq: BIOS 105 and 106; MATH 111. Freq: Fall.
 Examines human movement from anatomical and mechanical perspectives. Topics include fundamental biomechanical concepts, terminology, principles, and their application as they relate to sport and exercise.
- 354 Physiology of Exercise.....3 cr**
Prereq: BIOS 105, 106, MATH 111. Freq: Spring.
 A study of the physiological changes of the human body, during and after exercise, and their implications to human performance.
- 355 Physiology of Exercise Lab.....1 cr**
Prereq: HPEA 354 or concurrent enrollment. Freq: Occasionally.
 Provides students the opportunity to apply fundamental techniques of physiology of exercise.
- 358 Sport and Fitness Psychology.....3 cr**
Prereq: None. Freq: Fall.
 Course integrates theory and application of psychological dynamics impacting exercise and sport participants. Covers areas such as personality, motivation, program adherence and retention for individuals and teams/groups.
- 365 Personal, School, and Community Health2 cr**
Prereq: None. Freq: Occasionally.
 An introductory course concerned with problem issues in health and hygiene. Problems involving pollution, drugs, nutrition, disease, sanitation, and personal safety. Two-hour lecture.
- 380 Facility Development and Management.....3 cr**
Prereq: Junior/senior status. Freq: Spring.
 A study of the planning, development, and management of sport and fitness facilities including financial planning, architectural design, function, budget, and personnel management.
- 390 Special Topic1-4 cr**
Prereq: None. Freq: Occasionally.
 Selected topics in Sport and Fitness Management.
- 400 Advanced Legal Issues in Sport Management.....3 cr**
Prereq: HPEA 300. Freq: Spring
 An in-depth study of the relationship between sport management and the law. Topics to be covered include labor law, antitrust law, collective bargaining, amateur athletics, constitutional law and tort liability.
- 410 Fitness Assessment and Prescription3 cr**
Prereq: HPEA 353, 354, or consent of instructor. Freq: Fall
 Provides the knowledge and skills to assess, analyze, and prescribe appropriate fitness and health behavior programs for a diverse population.
- 420 Sport Business and Finance.....3 cr**
Prereq: Junior/senior status. Freq: Fall.
 A study of theory and applications in the fundamental business practices as applied to sport management. Topics covered include revenue sources, budget development, ownership, taxation, financial analysis and economic impact studies.
- 430 Fitness Program Management.....3 cr**
Prereq: HPEA 353, 354, 410 or consent of instructor. Freq: Spring.
 Utilizes theoretical considerations and practical applications for planning, developing and managing health and fitness organizations. Includes the management of personnel, the facility, marketing, and programming.
- 445 Recognition and Advanced Treatment of Athletic Injuries3 cr**
Prereq: HPEA 345 or consent of instructor. Freq: Alternate Springs.
 Advanced study of the latest modalities in recognition and treatment of athletic injuries in the training room and on the playing field.

- 450 Sport and Fitness Marketing**3 cr
Prereq: Junior/senior status. Freq: Fall.
 A study of basic marketing concepts with applications to sport and fitness organizations. Topics include promotions and public relations, sponsorship, endorsements, consumer demographics, consumer behavior and market research. Included is the development of a detailed marketing plan for a sport or fitness enterprise.
- 490 Special Topics**1-3 cr
Prereq: None. Freq: Fall, Spring, Summer.
 Selected topics in physical education will be examined.
- 491 Varsity Sports Field Experience**1 cr
Prereq: Open to all students by tryout; consent of instructor. Freq: Fall, Spring.
 Advanced training in techniques through participation in the varsity athletic program for both men and women. A maximum of four credits may be applied to the graduation requirement.
- 494 Internship**1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
 Practical application of the methods and techniques in various sport and fitness fields. Under guidance of a supervising instructor. May be repeated for a maximum of 6 credits.

- 495 Fieldwork in Sport Management**1-12 cr
Prereq: Completion of SFMT major course work with minimum major GPA of 2.50. Freq: Fall, Spring, Summer.
 A supervised field-based experience to provide applicable experience in the conditions, practices, and environmental settings where aspired vocational roles are conducted. Placement and approval by sport and fitness management training coordinator/department chair.
- 496 Directed Studies**.....1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Directed independent work under the guidance of the supervising professor. May be repeated for credit.
- 498 Fieldwork in Fitness Management**1-12 cr
Prereq: Completion of SFMT major course work with minimum major GPA of 2.50. Freq: Fall, Spring, Summer.
 A supervised field-based experience to provide applicable experience in the conditions, practices, and environmental settings where aspired vocational roles are conducted. Placement and approval by SFMT coordinator/department chair.
- 499 Independent Study**1-3 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring.
 Independent work in specific areas under faculty supervision.

HUMANITIES

Communication Arts 235 • 262-595-2139 • Keyword: *Humanities*

Degree offered:

Bachelor of Arts.

Director:

M. Mullen, Ph.D.

Extended Degree Coordinator:

F. Kavenik, Ph.D.

See individual departments for faculty teaching courses.

Career Possibilities:

There are many possible careers for humanities graduates, depending on how students plan their course work. Some recent graduates are enrolled in graduate programs. Others are employed in a diverse range of occupations, including teaching, finance, and graphic design.

Program Overview

Humanities is a broadly interdisciplinary program focusing on the expression of values and ideals in human culture. It concerns itself with literature and the arts, religion and philosophy, and political and social institutions. Its emphasis is not so much on acquiring a body of accepted knowledge or skills. Rather, it encourages students to ask critical questions and make informed assessments.

Humanities is a flexible degree program. After the completion of foundational course work, students define their own plans of study – drawing from a range of on- and off-campus course offerings – in consultation with their advisers. Transfer and returning students often find the humanities major a suitable degree-completion option.

Program Competency Areas

The flexible humanities curriculum is guided by six areas in which students are expected to demonstrate competency. These areas should guide students' selection of course electives as well as guide their focus within particular courses. Understanding of the competencies is demonstrated by the successful completion of a senior portfolio. The competency areas are as follows:

Aesthetics

The more we “read” or interpret verbal and non-verbal texts and imagery, the more we refine our abilities to make, articulate, and explicate informed judgments. Aesthetics in general refers to the ability to reflect on the importance of artistic and humanistic pursuits to human existence.

Communication

We must be able to communicate effectively, in a variety of communication situations, using the media of the 21st century, which means being aware of how choices of language, rhetoric,

and action affect the ways messages are understood. Effective communication also entails understanding the traditions and purposes of many different modes of expression.

Ethics

Ethics is about the practice of moral judgment, which involves the ability to reflect on what it means to be human, the ability to reflect critically on notions of validity and truth, as well as willingness to explore issues and events from a variety of perspectives.

History

History is about recognizing patterns in past events and seeing their relevance to present-day life, demonstrating how contemporary social issues are rooted in past events and political choices. It's also about being able to speculate in informed ways about how present-day trends might affect the future.

Critical Thinking

Critical thinking deals with how value systems shape human knowledge. Critical thinking includes epistemology, the ability and willingness to question the nature of human knowledge.

Interdisciplinarity

Interdisciplinarity refers to the ability to make deliberate connections among various academic disciplines, to comprehend and participate in more than one discipline. It's also the ability to reflect on the nature of interdisciplinarity itself and to articulate the value of an interdisciplinary perspective.

Preparation for Graduate School

No special preparation beyond completion of the major is necessary to enter graduate programs in the humanities. In many cases a student may wish to enter a program in some specific field within the humanities, and in such cases specific preparation with the chosen field is desirable.

Requirements for the Major in Humanities

Thirty-six credits in courses selected in consultation with the student's major adviser, including the following:

1. Two of HUMA 101, 102, or 103 (6 credits).
2. HUMA 200 (3 credits).
3. Skills or research methods courses selected from appropriate departments (6 credits).
4. HUMA 395 (may be repeated for elective credit when topics change) (3 credits).

5. A combination of humanities electives, cross-listed upper-level departmental courses (HUMA 390 or 490), and additional courses, selected in consultation with adviser, that address the competency areas * (to equal 16 credits).
- 6.. Capstone course (HUMA 498) in which students compile portfolios demonstrating facility with the six competency areas. This course is to be taken in the final semester before graduation (2 credits).
- * In consultation with their advisers, students may count the following self-paced humanities courses toward their upper-level electives: HUMA 302, 311, 312, 321, 322, 331, 332, 403, 413, 423, 433, 441, 442.

Courses in Humanities (HUMA)

- 101 Introduction to Humanities-World Cultures to 1500**3 cr
Prereq: None. Freq: Yearly.
A thematic and comparative approach to the history of world cultures, focusing on the West, but including significant material from a variety of non-Western cultures, with particular emphasis on political movements, literature, fine arts, religion, and philosophy from prehistory to 1500.
- 102 Introduction to Humanities-World Cultures 1500 to Present**.....3 cr
Prereq: None. Freq: Yearly.
A thematic and comparative approach to the history of world cultures, focusing on the West, but including significant material from a variety of non-Western cultures, with particular emphasis on political movements, literature, fine arts, religion, and philosophy from 1500 to present.
- 103 Diversity in the United States**.....3 cr
Prereq: None. Freq: Yearly.
A thematic and comparative approach to the history and culture of the United States, focusing on one or more of the diverse groups that comprise that culture.
- 200 Humanistic Scholarship**3 cr
Prereq: Two of HUMA 101, 102, 103 and consent of instructor. Freq: Yearly.
Introduces majors to the six humanities competency areas. Provides in-depth coverage of reading, writing, and critical thinking skills in interdisciplinary humanistic scholarship.
- 252 Introduction to Film**3 cr
Prereq: None. Freq: Occasionally.
An examination of the distinctive elements and techniques of film as art and the relationship of film to society. Cross-listed with ENGL 252.
- 302 Development of a Global Culture**.....3 cr
(self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
A study of the evolution of those conditions which have encouraged the development of an international and industrial culture while also increasing global political fragmentation.
- 311 History of Industrialization in Europe and the United States**.....3 cr
(self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
A survey of important historical events, technological innovations, economic changes, and social alterations during the period of the Industrial Revolution in Western Europe and America.
- 312 History of the 20th Century Industrial Revolution**3 cr
(self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
An examination of the emerging post-industrial society of the 20th century, focusing upon the interaction of social, political, and economic movements with industrialism and technology.
- 321 Intellectual History of the Industrial Revolution**3 cr
(self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
A survey of the major ideas that heralded, accompanied, and advanced the technological, social, and cultural upheavals of the Industrial Revolution.
- 322 Intellectual History of the 20th Century Industrial Revolution**3 cr
(self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
An examination of the impact of technology and industrialism on the philosophy and ideology of the 20th-century western world.
- 331 Post-Industrial Revolution Arts**.....3 cr
(self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
A survey of significant movements and major figures in art and literature during the period of the Industrial Revolution in Western Europe and America.
- 332 Modernism in Literature and Art of the 20th Century Industrial Revolution**3 cr
(self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
An examination of the impact of industrialization, the world wars, and related political and social changes upon the art and literature of the 20th century.
- 341 Aesthetic Values**.....3 cr
Prereq: HUMA 200 or consent of the instructor. Freq: Occasionally.
Exploration of the nature of aesthetic judgments and their justification in aesthetic discourse, and the nature and role of art in human life, focusing in particular on the visual arts and music.
- 342 Ethical Values**.....3 cr
Prereq: HUMA 200 or consent of the instructor. Freq: Occasionally.
Exploration of the nature of ethical judgments and their justification in ethical discourse, and the role of ethical values in the human pursuit of the good.
- 343 Knowledge and Understanding**.....3 cr
Prereq: HUMA 200 or consent of the instructor. Freq: Occasionally.
Exploration of the place of knowledge in human life, the ways in which knowledge is hindered and acquired, and the way in which cultural norms and knowledge interact.

- 370 Psychology of Evil**.....3 cr
Prereq: Consent of the instructor. Freq: Fall
 Cruelty and violence directed by one person or group to another is a major concern for all people. This course relies on the findings of learning theory, social psychology, and other areas of psychological research to explore the issue of human violence. The specific goal is to look beyond the perspective of the victim or observer to examine how the perpetrator of cruelty and violence views those acts. Cross-listed with PSYC 370 and CRMJ 370.
- 390 Special Topics**1-3 cr
Prereq: Humanities major, junior status; or consent of instructor. Freq: Occasionally.
 Selected topics in the humanities. May be repeated for credit with different topic.
- 395 Humanities Competency Seminar**3 cr
Prereq: Junior status or consent of instructor. Freq: Yearly
 Interdisciplinary seminar with focus on all six Humanities competencies. May be repeated for credit with different topic.
- 396 Humanities Colloquium**1 cr
Prereq: None. Freq: Fall, Spring
 In-depth approach to a single experience such as attending a play, visiting a museum, or reading a novel. Significant course project will be required. May be repeated for credit with different topic. May require a course fee.
- 403 Crucial Choices**.....6 cr
 (self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
 An investigation of crucial political and social issues such as energy and resources, international law, health, work, and leisure and how they impinge on national and international policies and actions.
- 413 Culture and Civilization**.....6 cr
 (self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
 An investigation of the nature of culture and the interplay between culture and society in pre-modern and modern societies.
- 423 The Divided World**.....6 cr
 (self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
 An examination of the distinctions which have divided the modern world – religious and political ideologies, sex, class, race, ethnicity – and their relationships to world order.
- 433 The Changing Arts**6 cr
 (self-paced course)
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
 A study of modern western art forms – music, design, and film – with respect to their interaction with and influences on a technological society.
- 441 Problems in Industrial Society I**.....3 cr
 (self-paced course)
Prereq: HUMA 200, HUMA 413 or HUMA 423; or consent of instructor. Freq: Yearly
 An opportunity for the student to explore in greater depth a topic from HUMA 413 or HUMA 423, using local research and primary archival and/or community resources.
- 442 Problems in Industrial Society II**3 cr
 (self-paced course)
Prereq: HUMA 200, HUMA 403 or HUMA 433; or consent of instructor. Freq: Yearly
 An opportunity for the student to explore in greater depth a topic from HUMA 403 or HUMA 433, using local research and primary archival and/or community resources.
- 468 Holocaust Studies**3 cr
Prereq: Junior standing or consent of the instructor. Freq: Yearly
 Intensive study of various aspects of the Holocaust, such as literature of the Holocaust, film of the Holocaust, and literature of the Second Generation, etc. Cross listed with ENGL 468.
- 490 Special Topics**1-3 cr
Prereq: Humanities major, Junior status; or consent of instructor. Freq: Occasionally.
 Selected topics in the humanities at the senior level. May be repeated for credit with different topic.
- 494 Internship**1-4 cr
Prereq: Humanities major, Junior status, and consent of instructor. Freq: Fall, Spring
 Directed field experience, focusing on application of scholarly concepts to the workplace. Specific arrangements to be made in consultation with adviser. Maximum of 4 credits may be applied to the major.
- 498 Humanities Capstone**2 cr
Prereq: Graduating Senior. Freq: Fall, Spring
 Portfolio-based course in which graduating seniors demonstrate facility with the six humanities competency areas.
- 499 Independent Study**1-6 cr
Prereq: Junior status and consent of instructor. Freq: Fall, Spring
 Individual study of selected topics in humanities.

INTERDISCIPLINARY STUDIES

Molinaro 119 A&B • 262-595-2609 • Keyword: *Interdisciplinary Studies*

Degree Offered:

Bachelor of Arts.

Professor:

Kavenik, Ph.D. (Director)

Lecturer/Adviser:

Handrow, M.A., M.I.L.S., J.D.

Career Possibilities:

The interdisciplinary studies major and leadership certificate provide organizational expertise for use in public and private sector employment settings. Recent program graduates work as managers, directors, and supervisors at multi-national and regional manufacturing, nonprofit, service and media organizations.

Department Overview

The interdisciplinary studies major is a flexible program whose breadth insures coverage of several behavioral and social-science disciplines. The major is designed to meet the needs of students whose interests and career goals go beyond the boundaries of a single discipline. Interdisciplinary studies is a major where critical thinking and the ability to identify and interrelate meaning among a variety of broad areas and disciplines are connected to practical workplace settings and issues. Students are independent and self-directed adults with clear educational and career goals. For those interested in developing or refining their leadership skills, a separate 12-credit (four-course) certificate in leadership is available with three tracks: project management leadership; grass-roots leadership; and organization leadership.

Interdisciplinary Studies Major

There are three tracks within the interdisciplinary studies major: organizational studies concentration, the independently designed theme; and women's studies concentration.

Organizational Studies Concentration (39 credits)

The first track of the interdisciplinary studies major, the major offered in UW-Parkside's weekend-evening modular program, is a degree-completion program in which students with majors in interdisciplinary studies complete the organizational studies concentration in classes held during 10 week modules throughout the year. Students should have completed approximately 45-60 credits before enrolling in this program.

There are four 10-week modules each academic year. Classes meet in spring and fall, two modules each semester:

Spring:	I	Early January – Mid-March
	II	Mid-March – Early June
Fall:	III	Mid-July-Early – October
	IV	Early-October – Late December

Organizational studies is an interdisciplinary program designed to help students understand the structures, operations and functions of complex organizations in both public and private sectors. Faculty members from a number of disciplines including sociology/anthropology, economics, psychology, geography, history, political science, communication, philosophy, and business provide students with a multidimensional, multi-perspective, comprehensive understanding of complex organizations in our society.

I. Foundational Courses (9 credits)

ISTD 345 Organization Theories 3 cr

Plus 6 credits of 100- or 200-level work in the behavioral and/or social sciences, one of which may be:

ISTD 200 Introduction to Leadership 3cr

II. Methods/Statistics Courses (6 credits)

ISTD 250 Consumer Statistics 3 cr

Plus one course from the following: SOCA 295*, POLS 200, PSYC 300.

* This is a 2-credit course. Students who opt to complete it must consult with the Interdisciplinary Studies adviser with regard to the additional required credit.

III. Concentration Courses (21 credits, with no more than 9 credits from any one area). Other courses in the UW-Parkside catalog, as well as ISTD 490, may also count for concentration credit.

History/Political Science/Geography

GEOG 340 Political Geography. 3 cr

GEOG 360 Urban Geography. 3 cr

HIST/ETHN

301/302 Race & Ethnicity in the U.S. 3 cr

HIST 323 Labor History of the U.S. 3 cr

HIST/ETHN

333 Contemporary American Immigration. . . 3 cr

POLS 202 Public Policy. 3 cr

POLS 250 Introduction to Public Administration . 3 cr

POLS 365 Theories of Public Organization 3 cr

Economics/Business

ECON 380 The Labor Market 3 cr

HRM 343 Personnel Administration 3 cr

MGT 349 Organizational Behavior 3 cr

MGT 447 Management Techniques 3 cr

MIS 320	Management Information Systems	3 cr
MKT 350	Introduction to Marketing	3 cr

Psychology/Sociology

ISTD 300	Human Resources Issues	3 cr
ISTD 346	Interorganizational Relationships	3 cr
PSYC 307	Cross-Cultural Psychology	3 cr
PSYC 330	Interviewing	3 cr
SOCA 304	Skill Development in Leadership	3 cr
SOCA 306	Research in Community Needs	3 cr
SOCA 326	Social Gerontology	3 cr
SOCA 372	Technology and Society	3 cr
SOCA 373	Bureaucracy in Modern Society	3 cr

Communication

COMM 285	Intro to Conflict Management	3 cr
COMM 303	Organizational Communication	3 cr
COMM 305	Public Relations and Society	3 cr
COMM 365	Intercultural Communication	3 cr
COMM 385	Strategies for Constructive Dialogue	3 cr
ENGL 204	Writing for Business and Industry	3 cr
ISTD 492	Practicum in Leadership	3 cr

IV. Capstone (3 credits)

ISTD 498	Organizational Studies Senior Seminar	3 cr
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Independently Designed Theme (33-45 credits, depending on how degree is structured)

The distinguishing feature of the second track is the independently designed theme. Working with the interdisciplinary studies adviser, students design a course of study built around a particular theme or problem in the social and behavioral sciences. Students will be accepted as interdisciplinary studies majors and allowed to proceed with an independently designed theme after that program of study has been drawn up in consultation with the program adviser.

Program requirements for the independently designed track of the interdisciplinary studies major are as follows. Introductory and methodology courses should be chosen as consistent with the independently designed theme.

I. Introductory Courses (6 credits)

Two introductory courses from the following list, chosen from two different disciplines:

COMM 107	Communication and the Human Condition	3 cr
COMM 108	Media and Society	3 cr
ECON 101	The American Economy	3 cr
GEOG 100	Introduction to Physical Geography	3 cr
GEOG 105	Introduction to Human Geography	3 cr
GEOG 110	Introduction to Geography-World Regions	3 cr
HIST 102	The United States, Reconstruction to Recent Times	3 cr

HIST 120	Modern Europe in the Industrial Era, 1815 to the Present	3 cr
POLS 100	American Politics	3 cr
POLS 104	Introduction to International Relations	3 cr
POLS 105	Political Beliefs	3 cr
PSYC 101	General Psychology	3 cr
SOCA 100	Introduction to Anthropology	3 cr
SOCA 208	Introduction to Archaeology	3 cr
WOMS 110	Introduction to Women's Studies: Theory and Methodology	3 cr

II. Methodology Courses (6 credits, minimum)

At least two methodology courses from the following list are required. Either statistics course may be counted, but not both.

COMM 209	Communication-Research Methods	3 cr
GEOG 300	Geographic Methods	3 cr
HIST 250	Sources and Methods in History	3 cr
POLS 200	Research Methods and Sources	4 cr
PSYC 300	Research Methods	3 cr
SOCA 250	Statistics for Social Sciences	4 cr
or		
QM 210	Business Statistics I	3 cr
SOCA 295	Social Science Research Methods*	2 cr

* This is a 2-credit course. Students who opt to complete it must consult with the interdisciplinary studies adviser with regard to the additional required credit.

III. Scope of Coverage (12 credits)

At least one 3-credit course from four of the following disciplines is required: communication, economics, geography, history, political science, psychology, sociology/anthropology, women's studies. The purpose of the scope of coverage requirements is to ensure the interdisciplinary nature of the student's program. Courses identified as meeting the requirements of the Scope of Coverage section of the major may also be counted under sections I, II, and IV.

IV. Theme (18 credits)

The 18 credits must revolve around or be related to some central theme or issue which the student has identified within the social and behavioral sciences. Some examples of themes chosen by current students and approved by the review committee are as follows:

- The American Worker in Adaptation to Change
- Poverty and Social Welfare
- Crime and Psychological Problems Among Children
- Illiteracy in America
- Ethnicity and Political/Social Patterns in the U.S.
- Politics and Mass Communication

The 18 credits of the theme must meet the following requirements:

- 15 credits must be at the 300/400 level.
- No more than 12 credits can be from one single department.

- C. No more than 6 credits can be earned by directed or independent study.
- D. Introductory and methods courses cannot count toward the 18 required credits in the theme.
- V. ISTD 497 Senior Project/Independent Track (3 credits)
This course enables students to apply the knowledge and concepts of the interdisciplinary plan of study previously outlined in the thematic portfolio. Students will design a rigorous senior research project, culminating in an essay of substantial length and oral presentation.

Women's Studies Concentration (30 credits)

The third track of the interdisciplinary studies major is offered through a combination of on-campus and distance education courses offered by other participants in the UW System women's studies collaborative major (currently the UW Colleges, UW-Platteville, UW-Stevens Point and UW-Whitewater).

In order to graduate with an interdisciplinary studies major/concentration in women's studies, students must complete 30 credits in approved women's studies courses distributed as follows:

I. Introductory Courses (6 credits)

WOMS 110 Introduction to Women's Studies—
Theories and Methodologies. 3 cr

and

Feminist Theories (Appropriate classes offered in English, history, philosophy, communication, psychology, etc., with approval of program director.)

II. Concentration Courses (9 credits)

Select 3 credits from each area.

A. Humanities and Art

Approved women's studies courses from English, art, communication, theatre arts, humanities, music, philosophy, and modern languages. Examples include:

COMM 315 Communication and Gender 3 cr
THEA 391 Women in Theatre 3 cr
ENGL 367 Studies in American Ethnic Lit:
African-American Women Writers 3 cr
ENGL 417 Studies in English Lit:
Foremothers of the British Novel. . . . 1-6 cr
ENGL 458 Studies in Film: Women in Film. 3 cr
ENGL 464 Studies in Cultural Patterns:
Women and Myth. 1-6 cr
ENGL 464 Studies in Cultural Patterns:
Gay and Lesbian Lit 1-6 cr
ENGL 469 Studies in Women Writers. 1-6 cr
PHIL 290 Special Topics: Introduction to
Feminist Philosophy 1-4 cr
WOMS 112 Intro to Women's Studies:
Women in Literature 3 cr

B. Social Sciences

Approved women's studies courses from sociology, history, international studies, political science, psychology, economics, and business. Examples include:

HIST 236 Women in Modern Society. 3 cr
MGT 446 Global Issues in Management. 3 cr
POLS 203 Women, Power, and Politics 3 cr
PSYC 230 Psychology of Human Sexuality 3 cr
PSYC 280/380 Psychology of Gender 3 cr
SOCA 207 Marriage and Family. 3 cr
SOCA 213 Gender and Society. 3 cr
SOCA 226 Peoples of Africa. 3 cr
SOCA 324 African American Studies 3 cr
SOCA 354 Class, Status, and Power 3 cr
WOMS 111 Introduction to Women's Studies:
Women in History 3 cr

C. Natural Sciences

Approved women's studies courses from health, physical education and athletics, biology, chemistry, physics, and environmental studies. Examples include:

BIOS 103 Human Biology 3 cr
HPEA 321 Women's Health Issues 1-4 cr
HPEA 330 Sport in Society 3 cr
SOCA 379 Society and Environment 3 cr
SOCA 430 Medical Sociology. 3 cr
WOMS 250 Women in Science 3 cr

III. Electives (12 credits of approved courses selected with adviser)

IV. One of the following:

WOMS 494 Internship in Women's Studies 1-3 cr
or
WOMS 495 Women's Studies Seminar 3 cr
or
WOMS 497 Women's Studies Senior Thesis. 3 cr
or
WOMS 499 Independent Study 1-3 cr

Leadership Certificate

The leadership certificate provides a curriculum that combines conceptual and theoretical frameworks with opportunities to apply those concepts and theories in real-world situations. Students who complete the certificate program will have an enhanced understanding of the personal qualities, interpersonal dynamics and social patterns that influence leadership efforts. They will also have the opportunity to hone specific leadership skills such as self-assessment and public speaking; be exposed to other modes of communication; identify and assess resources; work in diverse settings; and evaluate and reflect on their own situation. They will develop their own leadership style and learn how to work through civic engagement.

In order to be flexible enough to meet a variety of leadership needs, the leadership certificate program offers three separate disciplinary tracks. In each track, an introductory course is followed by two courses, with a practicum as the capstone experi-

ence. Students are required to follow at least one track to completion, although they may also take additional courses in the other tracks. All courses will be offered in weekend format, and scheduled so that students are able to complete the certificate within a calendar year.

Track I: Project Management Leadership

This track is intended for those interested in becoming effective project leaders in the workplace or the community.

ISTD 200	Introduction to Leadership	3 cr
ISTD 307	Project Planning	3 cr
ISTD 308	Project Time and Cost Management. . .	3 cr
ISTD 492	Practicum in Leadership	3 cr

Track II: Grassroots Leadership

This track is intended for those who wish to work in building civic engagement and community capacity.

ISTD 200	Introduction to Leadership	3 cr
SOCA 304	Skill Development In Leadership	3 cr
SOCA 306	Research in Community Needs	3 cr
ISTD 492	Practicum in Leadership	3 cr

Track III: Organization Leadership

This track is intended for those interested in management in the private or public sector.

ISTD 200	Introduction to Leadership	3 cr
ISTD 300	Human Resource Issues	3 cr
COMM 285	Introduction to Conflict Management .	3 cr
ISTD 492	Practicum in Leadership	3 cr

Courses in Interdisciplinary Studies (ISTD)

200 Introduction to Leadership3 cr
Prereq: None. Freq. Yearly.

This course is designed to introduce students to the principles of leadership from an interdisciplinary theoretical perspective and then give them the opportunity to practice some of those principles. It will also introduce skills, such as self-assessment, communication strategies, understanding group dynamics and working in coalitions, setting goals while remaining flexible, and managing conflict, which will be developed more fully in subsequent courses and in the practicum.

250 Consumer Statistics3 cr
Prereq: Math through high school algebra. Freq: Fall.

Consumer statistics is an overview course. It covers a variety of numerical analysis applications while avoiding using words like numerical analysis. This course is intended to help students become knowledgeable consumers of statistical reports, not producers.

300 Human Resource Issues3 cr
Prereq: SOCA 100 or 101 or consent of instructor. Freq: Yearly.

This course identifies a theoretical model of human resource management; the diversity issues of the workplace; issues such as external staffing, training and development of employees; compensation; labor relations; and employee security, health and safety.

307 Project Planning3 cr
Prereq: ISTD 200. Freq: Yearly

This course examines the processes involved in initiating, planning, executing, controlling and closing projects. Students obtain skills in leadership, team building, coaching, planning, performance appraisal and staff management with the focus on achieving project goals. Students learn how to design organizational and communication structures that best use the resources available.

308 Project Time and Cost Management3 cr
Prereq: ISTD 200, 307. Freq: Yearly

Students learn the concepts of project scope, time, cost, quality and risk management along with the concepts of earned value, variance analysis and resource constraints. Students develop the skills necessary to bring projects in on time and within budget.

345 Organization Theories3 cr
Prereq: None. Freq: Alternate years.

An introductory survey of theories of large-scale, complex organizations that have their origins in a variety of fields and disciplines including sociology, public administration, educational administration and business administration. A major goal of the course is to develop the ability of students to apply these theories to the analysis of particular kinds of organizations including private businesses, government agencies, not-for-profit service organizations, hospitals, religious organizations, prisons, the military and schools.

346 Interorganizational Relationships3 cr
Prereq: None. Freq: Alternate years.

This course has two major emphases: (1) The social and cultural context in which organizations exist and function. (2) The ways in which that context (i.e. the environment) leads to changes in the structure of organizations. The course deals with the conditions under which organizations are created, grow, establish relations with their environments, develop strategies for survival and (sometimes) fail.

490 Special Topics3 cr
Prereq: ISTD major or consent of instructor. Freq: Yearly

Special Topics in Interdisciplinary Studies will be examined. May be repeated for credit with different topic.

UNDERGRADUATE PROGRAMS

492 Practicum in Leadership3 cr

Prereq: ISTD 200 and two other leadership courses or consent of instructor. Freq: Yearly.

This course is designed to support students as they complete a major leadership project as a capstone experience to the leadership certificate. They will have the opportunity to discuss ideas, problems and successes with others doing similar projects. At the completion of their own project, they will reflect on their own experiences and fine-tune and improve their leadership style and specific leadership skills.

497 Senior Project/Independent Track.....3 cr

Prereq: Senior standing and consent of instructor.

Freq: Fall, Spring.

This course enables students to apply the knowledge and concepts of the interdisciplinary plan of study previously outlined in the thematic portfolio. Students will design rigorous senior research projects, culminating in an essay of substantial length and oral presentation.

498 Organizational Studies Senior Seminar3 cr

Prereq: Senior standing and consent of instructor. Freq: Yearly.

This capstone course will apply knowledge and concepts of organizational studies gained from the core requirements (methods, statistics and theory) and the four divisions of the concentration. Students will engage in research and communication projects which will act as a culmination of their course of study, with each student producing an independent project and thesis showing his/her understanding of organizational studies in the public and/or private sector.

499 Independent Study1-3 cr

Prereq: Consent of instructor and program director.

Freq: Fall, Spring, Summer.

Topics individually arranged.

INTERNATIONAL STUDIES

Tallent 180 • 262-595-2701 • Keyword: *International Studies*

Degree Offered:

Bachelor of Arts.

Director:

Lillian Trager, Ph.D.

Student Organizations/Clubs:

The International Studies Program coordinates with active student organizations focused on international affairs, and sponsors speakers, public forums, trips, and engages in intercollegiate simulations such as the Model Organization of American States for high school students.

Career Possibilities:

The international studies curriculum provides excellent training for persons interested in a wide variety of careers, including professional positions in government agencies, non-governmental organizations, and private firms that operate in a global context. It is an especially appropriate double major or minor for students of business, the sciences, and liberal arts.

Department Overview

International Studies combines courses from departments throughout the university to create a broad, interdisciplinary program with a flexible curriculum that emphasizes the development of knowledge and analytical approaches needed to understand the contemporary global system. The program encourages both primary and double majors, and also offers a minor, and a certificate in global skills. In addition to choosing one of three thematic options, students majoring in international studies may arrange, with the approval of the program steering committee, a special option to suit particular academic interests or career goals. The program also coordinates international student and faculty exchanges, study abroad opportunities, and a variety of international activities on campus such as the Evening In and a lecture series.

Steering Committee

Lillian Trager directs the program. The steering committee includes: Siegfried Christoph, Consuelo Clemens, Seif Dana, Oko Elechi, Gail Gonzalez, Stephen Hawk, Peggy James, Farida Khan, Jonathan Olsen, Carmel Ruffolo, Andries Schutte, Theron Snell, and George Wang.

Preparation for Graduate School

The international studies major provides excellent preparation for individuals interested in law or graduate school in fields such as international relations, development studies, and global studies.

Internships and Research Fellowships

The program can arrange for internships and service learning agreements with organizations both domestic and international. Summer research fellowships are occasionally available through the program on a competitive basis.

Requirements for the Major in International Studies

Students majoring in international studies must complete a minimum of 36 credits in addition to introductory courses. The requirements are:

1. Fifteen credits of introductory courses, most of which also satisfy general university requirements.
2. One year of college-level modern foreign language or the high school equivalent. Additional foreign language work is strongly recommended and, for those electing Option C, intermediate foreign language work is required. Introductory language courses do not count toward the 36-credit requirement.
3. Twelve credits of core courses.
4. One of three 15-credit options: Globalization and Development, International Relations, Comparative Cultures and Societies. When appropriate, with steering committee approval, an individually designed option may be elected.
5. Three elective credits from an option other than the one selected for emphasis in requirement #4.
6. INTS 495, Senior Seminar in International Studies.
7. Research methods requirement.

Recommended for the Major in International Studies

Study abroad or other experiential learning activity in international studies is strongly recommended.

Each student planning to major in international studies must consult regularly with an international studies faculty adviser to schedule a coherent program consonant with his/her interests. This is particularly important when selecting options.

Introductory Courses

Fifteen credits of introductory courses are required of all majors. One of these, INTS 100, is the only required prerequisite course for all majors. The other 12 credits are to be selected from among the groups listed below. These courses provide students with the introductory background knowledge for the wide range of disciplinary perspectives that comprise the International Studies Program. In some cases, these courses are required for upper-level work in a particular discipline. In many cases, these courses fulfill university general education requirements. Only one course can be taken from each group.

Required introductory course

INTS 100 Introduction to International Studies 3 cr

Other introductory courses

Twelve credits from among the following groups of courses; only one course from each group.

Group I.

ECON 120 Principles of Microeconomics 3 cr
ECON 121 Principles of Macroeconomics 3 cr

Group II.

GEOG 105 Introduction to Human Geography . . . 3 cr
GEOG 110 Introduction to Geography
World Regions 3 cr

Group III.

HIST 118 Pre-Modern World: Ancient and
Medieval Civilizations. 3 cr
HIST 126 Introduction to World History,
Antiquity to 1500. 3 cr
HIST 127 Introduction to World History,
1500-1800 3 cr
HIST 128 Introduction to World History,
1800-Present. 3 cr

Group IV.

HUM 101 Intro to the Humanities-
World Cultures to 1500 3 cr
HUM 102 Intro to Humanities-
World Cultures 1500-Present 3 cr

Group V.

POLS 103 Introduction to Comparative Politics . . 3 cr
POLS 104 Introduction to International Relations . . 3 cr

Group VI.

SOCA 100 Introduction to Anthropology 3 cr

Languages

Eight college credits or the high school equivalent of a foreign language are required.

The International Studies Program faculty strongly encourages students to gain additional language competence beyond the introductory level.

Core Courses

Twelve credits of core courses are required of all majors. These courses provide the broad comparative and global perspective essential to a major in international studies. Only one course can be taken from each group.

Group I.

ENGL 246 Introduction to World Literature 3 cr
ENGL 247 Introduction to Modern
World Literature. 3 cr

Group II.

POLS 304 Theories of International Relations. . . . 3 cr
POLS 350 Comparative Politics. 3 cr

Group III.

INTS 210/
SOCA 202 Cultural Anthropology 3 cr

Group IV.

ECON 280 Comparative Economic Systems 3 cr
INTS 310/
ECON 310 International Trade 3 cr
INTS 311/
ECON 311 International Finance 3 cr

Group V.

HIST 313 Imperialism and Modernization 3 cr

Options

Each major in international studies is required to complete a minimum of 15 credits of work in one of the following options. Selection of an option allows a student to focus on an area of interest within the broad scope of international studies. The courses in the option must be selected in consultation with a faculty adviser from the International Studies Program and include work in at least three disciplines. A list of currently approved courses for each option is available from the Center for International Studies office. Students may propose an individually designed option, subject to approval of the International Studies Steering Committee.

Option A - Globalization and Development

Focus on the processes of political, economic and sociocultural change that accompany globalization and development, with an emphasis on developing nations.

Option B - International Relations

Focus on the major interactions among nations, including politics, trade and intercultural communication. Also includes consideration of international organizations and non-governmental organizations.

Option C - Comparative Cultures and Societies

Focus on cross-cultural and comparative study of societies and cultures, including the arts, literature, politics and social organization.

Elective (3 Credits)

All majors are required to take an additional 3 credits from an option other than the one selected for emphasis.

Senior Seminar INTS 495 (3 Credits)

The Senior Seminar is a capstone course in which students are expected to integrate their studies, especially from their selected option, and to carry out original research as the basis for a research paper. The Senior Seminar is required of all majors and minors in international studies.

INTS 495	Senior Seminar in International Studies	3 cr
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Research methods

All majors must complete a requirement in research methods. This can be accomplished in either of the following ways and should be completed prior to taking senior seminar.

1. Successful completion of a research methods course in history, political science, sociology-anthropology or another discipline relevant to international studies.
2. Successful completion of a research paper in the context of a 300- or 400-level course in the student's option. Students planning to fulfill the research methods requirement in this way can obtain a list of courses through which this requirement can be fulfilled from the director of international studies.

Experiential Learning Activities

All majors in international studies are strongly encouraged to take part in experiential learning in international studies. This may be accomplished through study abroad, participation in UW-Parkside study tours, or working/volunteering with an international agency or non-governmental organization in the international arena.

Requirements for the Minor in International Studies

The following courses are required for the minor in international studies:

INTS 100	Introduction to International Studies . .	3 cr
Four core courses, with only one from groups 1-5 above		
INTS 495	Senior Seminar in International Studies . .	3 cr

Certificate in Global Skills

The certificate in global skills is designed to assist students to understand and appreciate the impact of international affairs on their daily lives. Students completing the certificate will be expected to value different cultures and political/economic systems, as well as become familiar with the numerous international connections that exist between them (e.g., international trade, technological networks, international and regional organizations).

Certificate requirements:

INTS 100 Introduction to International Studies . . 3 cr

The following 1-credit courses:

INTS 201	Global Skills Practicum – Basic Global Skills	1 cr
INTS 202	Global Skills Practicum – Internationalization vs. Globalization . .	1 cr
INTS 203	Global Skills Practicum – Political and Economic Systems	1 cr
INTS 204	Global Skills Practicum – Culture and Language	1 cr

At least one area course chosen from the following:

ART 343	History of Modern Art	3 cr
HIST 320	Germany, 1848 to the Present	3 cr
HUM 250	Topics Non-Western Cultures	3 cr
POLS 330	European Politics	3 cr
POLS 331	Politics of Developing Nations	3 cr
INTS 226/		
SOCA 226	Peoples of Africa	3 cr
SOCA 240	Cross Cultural Encounters	3 cr
SPAN 318	Spanish Civilization and Culture	3 cr
SPAN 319	Latin American Civilization and Culture	3 cr

Other courses may be taken for this requirement, upon approval of the director.

INTS 492 Global Skills Seminar 1 cr

Courses in International Studies (INTS)

100 Introduction to International Studies 3 cr
Prereq: None. Freq: Fall.

The course is intended as a broad introduction to the increasing international impact at the state, community and individual levels. Its objectives include developing practical orientations toward the international experience, such as language and cultural appreciation, social and political tolerance, and environmental adaptation.

110 American Language and Culture 3 cr
Prereq: Required of entering international students; consent of instructor. Freq: Occasionally.

Cultural and communication patterns in American society, for international students who speak English as a second language.

- 201 Global Skills Practicum - Basic Global Skills**1 cr
Prereq: None. Freq: Yearly.
 The Basic Global Skills Practicum helps students to develop cultural sensitivity and essential knowledge needed when traveling, working or communicating on the international level. Topics include cross-cultural comparisons of living conditions, customs and manners, languages, religions, technology, educational systems, and business, economic, and political issues.
- 202 Global Skills Practicum - Internationalization vs. Globalization**1 cr
Prereq: None. Freq: Yearly.
 Internationalization is presented as the penetration of one country by another country, corporation or international organization. Globalization involves the creation of new cooperative networks, multi-connectivity, and a shifting of the loci of power on the international level. Two interpretations of globalization will be discussed – corporate and popular.
- 203 Global Skills Practicum – Political and Economic Systems**1 cr
Prereq: None. Freq: Yearly.
 Students will be exposed to the global context, the increased internationalization of economic relations, and its political ramifications. Topics include foreign investment/trade, economic development, and democratic development.
- 204 Global Skills Practicum – Culture and Language**.....1 cr
Prereq: None. Freq: Yearly.
 Introduction to the diversity in cultures across the world and how such diversity translates into differences in language, food, psychology, religions, family relationships and bodily expressions.
- 210 Cultural Anthropology**.....3 cr
Prereq: SOCA 100 or 101 Freq: Fall.
 Basic theoretical concepts and an analysis of cultural systems and social institutions in a cross-cultural frame of reference. Cross-listed as SOCA 202.
- 226 Peoples of Africa**3 cr
Prereq: SOCA 100 or 101 Freq: Fall.
 A survey of the societies and cultures of Africa. Discusses history, cultural variation, and contemporary social change. Cross-listed as SOCA 226.
- 268 Literature of the Holocaust**3 cr
Freq: Spring.
 An overview of historical, philosophical and other issues, focusing on literary texts by those who experienced the Holocaust. Cross-listed as ENGL 268.
- 290 Special Topics in International Studies**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Subject matter is topical. Subject varies; see current course

schedule.

- 300 International Study Tours**.....1-3 cr
Prereq: Consent of instructor. Freq: Yearly.
 This serves as a preparatory course for students planning to participate in overseas study tours. Recent UW-Parkside study tours offered include Russia, China, and Ghana.
- 310 International Trade**3 cr
Prereq: ECON 120 Freq: Every third semester.
 Theories of international trade, government policy toward international trade, international trading arrangements and institutions. Cross-listed as ECON 310.
- 311 International Finance**3 cr
Prereq: ECON 121 Freq: Every third semester.
 Foreign exchange markets, international monetary arrangements and investments, theories of balance of payments and exchange rates, open economy macroeconomics. Cross-listed as ECON 311.
- 390 Special Topics in International Studies**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally
 Selected topics in International studies are examined. Subject varies; see current course schedule.
- 400 Non-UW-P Study Abroad** 0 cr
Prereq: Enrollment in approved semester study abroad program. Freq: Fall and Spring.
 This course allows students to retain their good standing at UW-Parkside while they participate in non-UW-P academic study abroad programs.
- 490 Special Topics in International Studies**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in international studies are examined. Subject varies; see current course schedule.
- 492 Global Skills Seminar**.....1 cr
Prereq: INTS 200-203 or consent of instructor. Freq: Yearly.
 Students will complete applied projects, and will present and discuss their findings in consonance with a series of assigned readings.
- 495 Senior Seminar in International Studies**.....3 cr
Prereq: Completion of major or minor requirements or consent of instructor. Freq: Yearly.
 The senior seminar is the capstone course in the major and is required of all majors and minors. Students are expected to integrate the material studied in the major, and especially in their selected option. Students carry out an independent research project leading to a formal research paper and presentation.
- 499 Independent Study**1-4 cr
Prereq: Consent instructor and director. Freq: Fall, Spring, and Summer.
 Available to qualified students under supervision of instructor. Topic must be mutually agreed upon between professor and student.

MATHEMATICS

Greenquist 344 • 262-595-2326 • Keyword: *Mathematics*

Degree Offered:

Bachelor of Science.

Professors:

Brunner, Ph.D.; Fournelle, Ph.D.; Lee, Ph.D.; Lichtman, Ph.D.;
Piele, Ph.D.

Senior Lecturers:

Pinnow, M.A.; Widup, B.A.

Lecturer:

Kohne, B.A.

Professional Accreditations or Memberships:

American Mathematical Society

Student Organizations/Clubs:

Math Club: Pi Mu Epsilon (Wisconsin Gamma Chapter)

Career Possibilities:

The future outlook for careers in mathematics remains promising, especially for those who combine their training with other specialties. A degree in mathematics with supporting work in computer science, engineering, business or economics will increase employment opportunities.

Department Overview

Mathematics is of central importance in the sciences. In fact, mathematics has been called the language of science. This applies not only to the physical and biological sciences but increasingly to the social, managerial and behavioral sciences as well. Much of mathematics has been developed to meet the needs of the areas of human knowledge that it serves. In addition to its service role in other areas, mathematics occupies a place of its own in our intellectual heritage. From ancient Greece to our own times, people have been drawn to the elegant structure and the fascinating problems of mathematics.

Requirements for the Mathematics Major

The major in mathematics includes options in pure and applied mathematics and teaching mathematics in middle childhood through early adolescence. Students should declare their mathematics major before their sophomore year. Upon declaring a major in mathematics, students must consult with a mathematics adviser to set up a program of study.

At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Students may satisfy a mathematics major by completing the Mathematics Core and one of the following options or, upon consultation with a mathematics adviser, by developing programs to suit their special needs, subject to

the written approval of the Mathematics Department. The following options are minimal, and students are encouraged to elect additional advanced mathematics courses.

Mathematics Core

These courses provide the background concepts and techniques required in upper-level mathematics offerings.

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr
MATH 223	Calculus and Analytic Geometry III	5 cr
MATH 301	Linear Algebra	4 cr
PHYS 201	General Physics I	5 cr

General Mathematics Option

This sequence of courses leads to an undergraduate mathematics major covering the principal areas of modern mathematics. It is recommended for students planning to study mathematics in graduate school. Students in this program are required to take all of the courses in the Mathematics Core together with those listed below. They are also encouraged to broaden their mathematics background by electing additional advanced courses.

MATH 350	Advanced Calculus	4 cr
or		
MATH 451	Topology	3 cr

Electives:

At least two additional courses from MATH 310, 317, 361, 367, and at least two additional courses from the 400 level.

Applied Mathematics Option

This sequence of courses is intended for those students who are interested in mathematics and the application of mathematics. Students in this program are required to take all of the courses in the Mathematics Core together with those listed below. They are also encouraged to broaden their mathematics background by electing additional advanced courses.

MATH 310	Advanced Probability Theory and Statistics	4 cr
MATH 317	Differential Equations and their Applications	4 cr
MATH 350	Advanced Calculus	4 cr
MATH 368	Mathematical Modeling	3 cr

Elective:

MATH 423	Complex Analysis	4 cr
or		
MATH 441	Abstract Algebra	4 cr

Mathematics with a Second Major

Students are encouraged to consider combining a major in mathematics with a major in a related area, such as computer science, engineering, behavioral science, a physical science, business or economics. This has the advantage of enhancing the understanding of two allied areas, as well as improving the prospects for employment after graduation. Students with a second major may, with the consent of their mathematics adviser, make substitutions for the Physics 201 requirement in the Mathematics Core. For example, mathematics-business management double majors may request substitution consisting of at least 5 credits of quantitative business management courses which use a substantial amount of mathematics.

Mathematics/Computer Science Double Major

The mathematics/computer science double major has been specifically designed for students with interests in both areas. This double major emphasizes the companionship between computer science and mathematics and gives students a particularly strong theoretical background in addition to a wide variety of applications. A complete description of the double major requirements may be found in the computer science catalog section.

Requirements for the Mathematics Minor

A minor in mathematics consists of MATH 221, 222, 223, 301, and at least two other upper-level courses, one of which must be at the 400 level.

Teacher Licensure

Students seeking teacher licensure in the mathematics major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the teacher education program and additional requirements for licensure can be obtained from the mathematics department liaison to teacher education and the teacher education adviser at 262-595-2100.

High School Preparation

Students entering a degree program at UW-Parkside should have taken at least three years of high school mathematics including ninth-grade algebra, 10th-grade geometry and 11th-grade advanced algebra and trigonometry. Students intending to take college-level mathematics courses are encouraged to strengthen their preparation by taking 12th-grade pre-calculus. Academic Skills 010, 015 and MATH 111 are not replacements for high school mathematics courses.

Computational Skills Requirement

Students satisfy this requirement with the completion of an introductory course in algebra or a survey course in mathematics, either MATH 102 for 3 credits or MATH 111 for 4 credits (with a grade of C-minus or better).

Students are exempt from the requirement if their placement examination results are above MATH 102 or MATH 111. Students must complete computational skills within their first 60 academic credits. Students seeking teacher licensure must complete the course that satisfies this requirement with a grade of C or better.

Mathematics Placement Examination

Upon entering the university, all students must take the mathematics placement examination administered by the Testing Office. This examination serves as a guide for placement in mathematics courses. Placement in mathematics courses is usually made at the following levels:

- 1) ACSK 010, Essential Math Skills, or ACSK 015, Elementary Algebra or MATH 102 or MATH 111 – students with fewer than three years of high school math, or inadequate background, or who have been out of school for an extended period of time.
- 2) MATH 112, MATH 113 or MATH 114 – students with three years of high school mathematics.
- 3) MATH 221 – students with four years of high school mathematics.

Students who have questions about their mathematics placement should consult a mathematics adviser.

Courses in Mathematics (MATH):

- 102 **Survey of Mathematics**.....3 cr
Prereq: ACSK 015 with a grade of C or better or appropriate placement. Freq: Fall, Spring.
 Intended for students who need no further mathematics courses beyond competency. Topics selected from sets and logic, number theory, numeration systems, geometry, probability and statistics.
- 109 **Introduction to Statistics**3 cr
Prereq: MATH 111 or placement into MATH 112 or above. Freq: Occasionally.
 The normal curve; Chi square tests; estimation of parameters; testing hypotheses; and applications.
- 111 **College Algebra I**4 cr
Prereq: ACSK 015 with a grade of C or better or appropriate placement. Freq: Fall, Spring.
 Linear equations and inequalities; lines in the plane, rational exponents and radicals, polynomials and rational expressions, quadratic polynomials, systems of equations, exponential equations and logarithms.

UNDERGRADUATE PROGRAMS

- 112 College Algebra II**4 cr
Prereq: A grade of C- or better in MATH 111 or equivalent, or appropriate placement score. Freq: Fall, Spring.
 Functions and graphs, polynomial functions, exponential and logarithmic functions, sequences, series, induction and combinatorics.
- 113 Trigonometry**2 cr
Prereq: MATH 112 or equivalent or concurrent registration. Freq: Fall, Spring.
 An introduction to trigonometry with applications. Angular and circular definitions of trigonometric functions, graphing, use of fundamental identities.
- 114 College Algebra II with Trigonometry**5 cr
Prereq: A grade of C- or better in MATH 111 or equivalent or appropriate placement score. Freq: Fall, Spring.
 Functions and graphs, polynomials and rational functions, exponential and logarithmic functions, trigonometric functions, trigonometric identities and equations, applications, sequences, series. Not open to those with credit in MATH 112 or 113.
- 142 Calculus with Business and Social Science Applications**3 cr
Prereq: MATH 112 or equivalent or consent of instructor. Freq: Fall, Spring.
 Topics from the Mathematics of Business and Social Science using differential and integral calculus.
- 215 Mathematics for Middle Childhood Through Early Adolescence Teachers I**3 cr
Prereq: A grade of C or better in MATH 111 or consent of instructor. Freq: Fall, Spring.
 Topics include the development of the algorithms of arithmetic, numeration systems, problem solving, number theory and set theory.
- 216 Mathematics for Middle Childhood Through Early Adolescence Teachers II**3 cr
Prereq: MATH 215. Freq: Spring.
 Topics include introductory geometry, constructions, congruence, similarity, motion geometry, concepts of measurements, probability and statistics.
- 221 Calculus and Analytic Geometry I**5 cr
Prereq: MATH 112 and 113 or equivalent or appropriate placement score. Freq: Fall, Spring.
 Rate of change and limits, differentiation, applications of the derivative, integration, applications of the integral and transcendental functions.
- 222 Calculus and Analytic Geometry II**5 cr
Prereq: MATH 221 or equivalent. Freq: Fall, Spring.
 Methods of integration, analytic geometry, polar coordinates, hyperbolic functions, infinite series, power series, and introduction to ordinary differential equations.
- 223 Calculus and Analytic Geometry III**5 cr
Prereq: MATH 222 and PHYS 201, or MATH 222 and consent of instructor. Freq: Fall, Spring.
 Vectors and parametric equations, vector functions and their derivatives, partial and directional derivatives, multiple integrals, vector analysis, Green's Theorem and Stokes' Theorem.
- 231 Discrete Mathematics**3 cr
Prereq: MATH 221. Freq: Fall, Spring.
 Sets; the number system; Boolean algebra; formal logic and proofs; relations and functions; combinatorics and recurrence relations; graphs and trees. Cross listed with CSCI 231.
- 290 Special Topics in Mathematics**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in mathematics will be examined.
- 301 Linear Algebra**4 cr
Prereq: MATH 223 or MATH 222 and consent of instructor. Freq: Fall.
 Introduction to linear algebra including systems of equations, matrices, determinants, vector spaces and linear transformations, and diagonalization.
- 303 Set Theory and Logic**3 cr
Prereq: MATH 222 or PHIL 201 and consent of instructor. Freq: Spring.
 Elementary propositional and predicate logic; language and axioms of set theory; operations on sets; well-orderings, ordinals, transfinite induction and recursion; cardinals; the axiom of choice; and some equivalents. Cross listed as PHIL 303.
- 309 Probability and Statistics**4 cr
Prereq: MATH 222 or Math 221 and 231. Freq: Spring.
 Elementary probability, random variables, properties of distributions, sampling, queuing theory, central limit theorem and law of large numbers. Not for credit toward mathematics major.
- 310 Advanced Probability Theory and Statistics**4 cr
Prereq: MATH 223. Freq: Fall.
 The main mathematical methods and techniques of probability theory; random variables, expected values, variance, central limit theorem, parameter estimation, and hypothesis testing.
- 317 Differential Equations and Their Applications**4 cr
Prereq: MATH 222. Freq: Yearly.
 First- and second-order differential equations and applications; higher-order linear differential equations; series solutions of second-order differential equations; Laplace transforms; matrix algebra, systems of equations, eigen values and eigenvectors; systems of differential equations; and partial differential equations. Not open to those with credit in MATH 321.
- 331 Logic and Combinatorics**3 cr
Prereq: MATH 222 Calculus & Analytic Geometry II. Freq: Once in two years.
 Permutations and combinations, graphs, trees, mathematical induction, propositional calculus, Mathematica and its applications in combinatorics, number theory and linear programming. Intended for students working for teaching certification in Mathematics.
- 350 Advanced Calculus**4 cr
Prereq: MATH 223, 301. Freq: Spring.
 Sets and functions, topology of Euclidean spaces, least upper bound property, continuous functions, extreme value and intermediate value theorem, mean value theorem, derivatives of general functions, Riemann integral, iterated integral and change of variable theorem.

- 361 Foundations of Geometry**3 cr
Prereq: MATH 222. Freq: Alternate years.
 Introduction to axiomatic geometry including Euclidean, non-Euclidean, and projective geometries.
- 367 Elementary Number Theory**3 cr
Prereq: MATH 222. Freq: Alternate years.
 Prime numbers, fundamental theorem of arithmetic, congruence, quadratic residues and quadratic reciprocity, number theoretic functions and diophantine equations.
- 368 Mathematical Modeling**3 cr
Prereq: MATH 222; MATH 250 or CSCI 242. Freq: Alternate years.
 Survey of mathematical models, models involving differential equations, probabilistic models, Markovian models, simulation, and Monte Carlo methods. Cross listed as CSCI 368.
- 373 History of Mathematics**3 cr
Prereq: MATH 221 or consent of instructor. Freq: Alternate years.
 Main lines of mathematical development from the Babylonians, Egyptians and Greeks to the present day; the lives of great mathematicians: Euclid, Archimedes, Descartes, Newton, Gauss, Cantor.
- 421 Real Analysis**4 cr
Prereq: MATH 350. Freq: Fall.
 Construction of the real number system; basic theory of metric spaces; fundamental notions of limit, continuity, uniform continuity and basic theorems concerning these; convergence and uniform convergence; differentiation and the Riemann integral.
- 422 Topics in Real Analysis**4 cr
Prereq: MATH 421. Freq: Occasionally.
 Differentials and Jacobians; implicit and inverse function theorems; introduction to the Lebesgue integral; additional topics chosen in accordance with the interests and needs of the participants.
- 423 Complex Analysis**4 cr
Prereq: MATH 223. Freq: Alternate years.
 Elementary functions of a complex variable; analytic functions; complex integrals and residue theory; conformal mapping; applications to electrostatics and hydrodynamics.
- 441 Abstract Algebra**4 cr
Prereq: MATH 301. Freq: Fall.
 Groups, subgroups, normal subgroups, isomorphisms, quotient groups, Cayley's Theorem, Lagrange's Theorem; rings, subrings, ideals, quotient rings, polynomial rings; review of vector spaces, fields, algebraic extensions, degree of field extensions, construction with straight edge and compass.
- 442 Topics in Abstract Algebra**4 cr
Prereq: MATH 441. Freq: Occasionally.
 Rings and ideals; fundamental theorems of Abelian groups; Sylow theorems; solvable groups; elements of Galois theory; solvability by radicals; characteristic roots, matrices and canonical forms. Additional topics chosen in accordance with the needs and interests of the participants, e.g. applications of group theory.
- 451 Topology**3 cr
Prereq: MATH 301. Freq: Alternate years.
 Introduction to the theory of topological spaces, metric spaces, continuous functions, 2-dimensional manifolds, and the concept of the fundamental group.
- 461 Differential Geometry**3 cr
Prereq: MATH 301 and 350. Freq: Occasionally.
 Local theory of curves and surfaces, curvature tensors, and global theory of surfaces.
- 467 Computability and Automata**3 cr
Prereq: MATH 231. Freq: Alternate years.
 Turing machines, recursive functions, Kleene's T Predicate, Ackermann's functions, finite automata, grammars and languages. Cross listed as CSCI 467.
- 490 Special Topics in Mathematics**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Intensive treatment of various specialized areas of mathematics.
- 499 Independent Study**1-3 cr
Prereq: Consent of instructor and department chair. Freq: Occasionally.

MASTER OF BUSINESS ADMINISTRATION

Molinaro 344 • 262-595-2020 • Keyword: *MBA*

Professors:

Norton, Ph.D.; Rajan, Ph.D.; Sounderpandian, D.B.A.; Wafa, Ph.D.; Wright, Ph.D.

Associate Professors:

Baldwin, Ph.D.; Chalasani, Ph.D.; Crooker, Ph.D.; Gee, Ph.D.; Hawk, Ph.D.; Wang, Ph.D.

Assistant Professors:

Fok, Ph.D.; Kreissl, Ph.D.; Owens, Ph.D.; Manion, Ph.D.; Zameeruddin, CPA, LLM; J.D.; Zheng, Ph.D.

Lecturers:

Cholak, MBA, J.D., CPA; Holmberg-Wright, Ed.D.; Witt, M.S.

Professional Accreditations or Memberships:

The Master of Business Administration Program is accredited by AACSB International – The Association to Advance Collegiate Schools of Business. Only about 25 percent of business programs globally meet the rigorous standards of quality set by AACSB International.

The Master of Business Administration (MBA) Program offered by the School of Business and Technology is designed to give students general management competence and to prepare candidates for successful careers in administrative and policy-making positions. Program focus is on the needs of mature students who have the educational background, experience, and degree of intellectual curiosity essential to graduate-level study. The program is open to master's degree candidates and special students who meet the admission criteria. The program is typically completed in one and a half to four years. To accommodate adults who are employed, MBA courses are offered in the evenings, in an eight-week format, and occasionally on weekends during the academic year and summer.

Graduate Distinction

Students who earn a cumulative graduate grade point average of 3.83 or higher will be graduated with distinction from the MBA program.

Beta Gamma Sigma is the honor society serving business programs accredited by AACSB International. Beta Gamma Sigma faculty members invite qualified business students for membership based on academic excellence.

Goals of the MBA Program

The goals of the MBA program are to provide a graduate education that enhances the knowledge, abilities and skills necessary to assume administrative responsibilities creatively and effectively. The program presumes that a manager must know how to obtain and evaluate relevant information; approach tasks logically, systematically and in teams; analyze problems; arrive at reasonable

generalizations; and act to achieve concrete results. The specific focus of the program is to provide an emphasis on broad concepts and analytical tools. The program seeks to prepare business professionals who will lead their organizations well into the future. It includes examination of the impact of both domestic and global environments on a firm's operation.

Structure of the Program

The MBA program is structured in three components: foundations, required core courses, and electives. The foundations include demonstrated knowledge in fundamentals (through examination or course work). Eight required courses make up the core of the MBA program. The elective courses are offered on a rotating basis, and each student's program must include a minimum of 16 credits of electives.

Foundation Courses

All candidates must have or obtain knowledge of fundamentals in the following areas: accounting, economics, organizational behavior, computers, mathematics, operations management, finance, marketing, and legal environment. The UW-Parkside program offers a graduate-level preparatory foundation course in each of these areas. To waive course work in meeting prerequisites, students must have completed and passed an undergraduate equivalent. Students waived out of a foundation course are not required to take a course in its place.

Foundation Course	Graduate Course	Undergraduate Course
College Algebra		MATH 112 (4 cr)
MBA 701	Accounting (2 cr)	ACCT 201 (3 cr)
MBA 711	Statistics (2 cr)	QM 210 (3 cr)
MBA 714	Intro. Prod/Oper Management (2 cr)	QM 319 (3 cr)
MBA 722	Systems Concepts (2 cr)	MIS 320 (3 cr)
MBA 731	Managerial Finance (2 cr)	FIN 330 (3 cr)
MBA 740	Organizational Behavior (2 cr)	MGT 349 (3 cr)
MBA 751	Marketing Principles (2 cr)	MKT 350 (3 cr)

MBA 772	Legal Environ of Business (2 cr)	BUS 272 (3 cr)
ECON 761	Economics (2 cr)	ECON 120 (3 cr) and ECON 121 (3 cr)

MBA Consortium

<http://www.learn.wisconsin.edu/mba>

In an effort to offer the foundation courses more frequently, an MBA consortium was developed. The participating universities are UW-Parkside, UW-Eau Claire, UW-La Crosse and UW-Oshkosh.

Through this collaborative effort, all of the foundation courses (except Algebra and BUS 772) are offered every semester via the World Wide Web. Some elective courses are also offered through the consortium. See the following website for additional information, <http://www.learn.wisconsin.edu/internetmba>

Required Graduate Courses (16 Credits)

MBA 702	Managerial Accounting	2 cr Spring
MBA 712	Quantitative Methods	2 cr Fall
MBA 715	Production/Operations Management . .	2 cr Spring
MBA 716	Project Management	2 cr Fall
MBA 732	Corporate Financial Management	2 cr Fall
MBA 741	Organizational Theory	2 cr Spring
MBA 752	Marketing Management	2 cr Fall
MBA 796	Advanced Strategic Management	2 cr Spring

Required Course Waivers: A student may be waived out of the required graduate course in the functional area in which the student has completed a major (or equivalent). A student waiving out of a required course must take an additional elective course.

Elective Courses (16 Credits)

- Elective course have included topics, such as:
- Cash Management
- Investments
- Security Analysis
- Shareholder Value Management
- Futures and Options
- Value-Based Management
- Survey of Human Resource Topics
- International Business

- International Marketing
- Employment Law
- Emotional Intelligence
- Crisis Management
- Electronic Commerce
- Business Process Improvement
- Business-to-Business Marketing
- Decision Analysis

All students are required to take a minimum of 16 elective credits. At least one of the elective courses must come from the information systems area. Electives will be offered in 1, 1-1/2, 2, or 3 credit format. Some of them may be offered via the World Wide Web through the MBA consortium.

Transfer Policy

Graduate-level work completed at other regionally accredited institutions may be transferred toward the MBA degree at UW-Parkside, subject to the following provisions:

1. The student must petition for the transfer upon admission to the program. Transfer credit will be formally granted after the student has successfully completed a minimum of 9 semester hours of graduate-credit work at UW-Parkside.
2. A maximum of 12 credits may be transferred.
3. The course/courses that the student is requesting to transfer must form an integral part of the student's proposed program of study.
4. Credit courses transferred must carry a grade of B or better.
5. Permission to take work at another institution for transfer credit after admission to the MBA program must be obtained in advance from the assistant dean's office (Molinaro 344).

Additional Academic Policies

1. Students delaying entry after admission to the MBA program will be covered under the policies and will have to meet the requirements that are in effect at the time at which they complete their first course toward the MBA program.
2. Students are required to file a "letter of intent" indicating their expected date of graduation with the assistant dean at least one semester prior to graduation. A one-time, non-refundable graduation fee must be paid to the Registrar at that time.

Graduate Courses (MBA)

- 701 Financial Accounting** 2 cr
Prereq: Math and computer competency. Freq: Fall, Spring.
A survey of financial and managerial accounting principles, including the preparation and analysis of financial statements, the use of accounting information in decision making and the acquisition and application of accounting information for managerial planning and control.

- 702 Managerial Accounting**2 cr
Prereq: MBA701, ECON 761. Freq: Spring.
 An in-depth analysis of the role of accounting in the successful management of business enterprises; identification of relevant cost and revenue information for managerial decisions; application of analytical reasoning and formal models to various business problems; topics include responsibility accounting, product costing and project appraisal, standard costs and flexible budgeting, relevant costs for pricing, sales and profit analysis, transfer pricing, and measuring divisional performance.
- 705 Advanced Management Accounting**3 cr
Prereq: MBA 702, MBA 712. Freq: Occasionally.
 An advanced course in management accounting focusing on the application of analytical techniques and formal models to provide relevant financial and economic information for management decisions; topics include budgetary planning and control, product costing methods, cost systems for manufacturing, inventory management techniques, segment reports for marketing management, marketing cost effectiveness, pricing decisions, and financial statement analysis. Case studies are used to emphasize the application to practical business problems.
- 711 Statistical Foundations**2 cr
Prereq: MATH 112 and computer competency. Freq: Fall.
 Introduction to descriptive, inferential and analytical statistics; techniques covered include sampling, estimation, hypothesis testing, and simple regression. Satisfies the statistics competency requirement.
- 712 Quantitative Methods**2 cr
Prereq: MATH 112, MBA 711, and computer competency. Freq: Fall.
 Advanced inferential and analytical statistical techniques including sampling techniques, analysis of variance, simple and multiple linear regression, time series analysis, and non-parametric procedures.
- 713 Decision Analysis**2 cr
Prereq: MBA 712. Freq: Occasionally.
 Analysis of difficult decisions using mathematical modeling and sensitivity analysis; the techniques covered include decision trees, simulation, expected utility and multi-attribute utility.
- 714 Introduction to Production and Operations Management**2 cr
Prereq: MATH 112, MBA 711, and computer competency. Freq: Fall, Spring.
 Introduction to the role of operations management in an organization including production processes, linear programming, layout, inventory control, scheduling, project management, and quality assurance.
- 715 Production and Operations Management**2 cr
Prereq: MBA 712, MBA 714. Freq: Spring.
 Through case studies this course will reinforce the concepts and techniques of modern production planning and control. Special emphasis will be given to the use of mathematical programming techniques carried out on computers, and to recent trends such as Just-in-Time, Flexible Manufacturing Systems, Computer-Integrated Manufacturing, and global competitiveness.
- 716 Project Management**2 cr
Prereq: MBA 701, MBA 711. Freq: Fall.
 The basics of project planning and control, PERT/CRM, work breakdown structure, cost control, matrix organization, resource scheduling and leveling, and outsourcing. Project management software will also be introduced.
- 719 Business Research Methods**3 cr
Prereq: MBA 712. Freq: Occasionally.
 An overview of research techniques and methodologies applicable to applied business problems; topics include a review of the general scientific method, the role of theory in research design, measurement and scaling concepts, sampling techniques, experimental design, survey and questionnaire design and analysis, and observational techniques; critiques of business research cases, and students will be expected to write a research proposal relevant to a functional area of business.
- 722 Systems Concepts for Managers**2 cr
Prereq: MBA 701, MBA 740. Freq: Fall, Spring.
 The capabilities, limitations, and applications of computer hardware and software with emphasis on the information needs of management; IS strategic planning, IS project management, database concepts, networking concepts, and basic programming concepts will be studied.
- 723 IT Tools for Managers**2 cr
Prereq: MBA 722. Freq: Occasionally.
 The use of IT tools within a management context; data gathering and analysis tools; explores a variety of other tools, including presentation software and decision support systems.
- 724 Website Development**2 cr
Prereq: None. Freq: Occasionally.
 How organizations use IT resources to implement web strategies; analyze and assess the IT infrastructure used in industries with regard to the organization's IT ability to engage in e-business; some proficiency in using web technologies to design and develop basic web pages.
- 725 E-commerce**2 cr
Prereq: None. Freq: Occasionally.
 E-commerce in general; areas covered include e-commerce technology, developing an e-commerce architecture, business-to-consumer e-commerce, planning for e-commerce, and social implications.
- 726 Globalization and Technology**2 cr
Prereq: None. Freq: Occasionally.
 Describes the issues related to international information systems and reviews the possible solutions that lead to successful international applications.
- 727 Business Process Improvement**2 cr
Prereq: None. Freq: Occasionally.
 Students will identify an organization (or part of an organization) that needs improvement, analyze the current system, investigate possible IT solutions, redesign the current system and propose a plan to move from the "As-Is" system to the "To-Be" system.

- 728 Database Systems Development**.....2 cr
Prereq: None. Freq: Occasionally.
 Database querying, design, creation, developing applications and reports.
- 731 Finance Concepts**.....2 cr
Prereq: MBA 701, MBA 711, ECON 761. Freq: Fall, Spring.
 An introduction to the concepts of corporate financial management; emphasis is placed on understanding both the inputs needed for the decision-making process and how that process is carried out. Topics include financial statement analysis, time value of money, security valuation, cash flow analysis, and capital budgeting.
- 732 Corporate Financial Management**2 cr
Prereq: MBA 731. Freq: Fall.
 The theory and practice of corporate finance; fundamental ideas such as the time value of money and its role in valuation are emphasized; techniques are then applied to major decision areas that face financial managers: cash-flow analysis and capital budgeting, long-term capital financing, capital structure and dividend policy, working capital management financial ratio analysis, and planning and control related to analyzing financial performances.
- 733 Investments**.....2 cr
Prereq: MBA 731. Freq: Occasionally.
 An introduction to financial investments, theoretical and applied valuation techniques, and modern investment portfolio theory; emphasis is on equity and fixed-income securities, although options, futures and other investments are also examined; topics include investment alternatives; organization and functioning of securities markets; efficient market hypothesis; modern portfolio theory; fundamental and technical analysis; bond fundamentals; options, warrants, futures; and investment companies.
- 734 Futures and Options**2 cr
Prereq: MBA 731. Freq: Occasionally.
 Futures, options, swaps, exotic options and financial engineering; emphasis will be placed on equity instruments although short and long-term interest bearing instruments will also be discussed.
- 736 Shareholder Value Management**1 cr
Prereq: MBA 731. Freq: Occasionally.
 Examination of the most popular SVM models in use today, including the free cash flow method, the economic value added/market value added method, and the cash flow return on investment approach; in addition, the course will look at how managers determine the best model for their organizations.
- 737 Cash Management**2 cr
Prereq: MBA 731. Freq: Occasionally.
 This course examines current institutional procedures and practices, and analytical models relevant to short-term financial decisions.
- 738 Security Analysis**2 cr
Prereq: MBA 731. Freq: Occasionally.
 This course will deal with the theory and practice of evaluating securities - both stocks and bonds. The emphasis is on the application of valuation theory to security markets around the world by managing a Stock-Trak account within the suggested guidelines provided in class.
- 740 Behavior in Organizations**2 cr
Prereq: None. Freq: Fall, Spring.
 An introduction to individual and group processes in organizations. Topics include perception, motivation, communication, stress, leadership, decision making, conflict, power, and ethics.
- 741 Organizational Theory**.....2 cr
Prereq: MBA 740. Freq: Spring.
 An examination of traditional and contemporary theories of organizational design. Topics include environments, structures, work design, effectiveness, and strategy.
- 744 Management Techniques**2 cr
Prereq: MBA 740. Freq: Occasionally.
 This course is designed to improve management skills, including stress management, oral and written communication, team building, leadership, motivating and empowering others, and conflict management.
- 745 Crisis Management**2 cr
Prereq: MBA 740. Freq: Occasionally.
 An introduction to the study of organizational crises, which are negative events that may threaten corporate growth and survival; covers a variety of crisis-related issues that affect decision making, communication, emergency planning, organizational learning, managerial moral responsibility, etc.
- 746 International Management**.....2 cr
Prereq: None. Freq: Occasionally.
 Study of cross-cultural approaches and strategies to effectively manage workers in and from different countries and regions of the world; entails in-depth study of global management skills, the impact of advancing technology, complex workplace changes, economic transformations, different cultural contexts, the world economy, and global marketplace. Not available to students with credit in MGT 446.
- 747 Practical Crisis Planning**.....2 cr
Prereq: MBA 740. Freq: Occasionally.
 Project-based course aimed at teaching students how to formulate a crisis management plan for practical application purposes.
- 748 New Venture Formation**2 cr
Prereq: None. Freq: Occasionally.
 Explore the process by which entrepreneurs recognize opportunities, plan, and launch new businesses; course involves extensive casework and the development of a start-up business plan as an illustration of principles learned.

- 751 Introduction to Marketing**.....2 cr
Prereq: None. Freq: Fall, Spring.
 An overview of marketing and the marketing process as it applies to business and other exchange situations. The course covers terminology, concepts, theories and methods used in the field of marketing. In addition to economic, social and ethical issues, topics include the functional areas of marketing as practiced in diverse organizations and cultures.
- 752 Marketing Management**.....2 cr
Prereq: MBA 701, MBA 751, ECON 761. Freq: Fall.
 Using case analysis, the course focuses on the various kinds of problems in marketing that the modern decision maker must resolve. The interrelationship of marketing and other business functions is emphasized. Decision areas studied include research, product, distribution, pricing and communication within a variety of organizational settings. Topics include buyer behavior, the macro and international environment, organizational goals, and social/ethical implications of marketing decisions.
- 753 Marketing Communications**2 cr
Prereq: MBA 751. Freq: Occasionally.
 A review of the many aspects of advertising, promotions, and personal selling from the perspective of market management; course content includes development of an integrated marketing communications program as an illustration of principles learned.
- 754 Advanced Marketing Seminar**3 cr
Prereq: MBA 752. Freq: Occasionally.
 An in-depth study of one or more significant marketing issues; emphasis on current publications from scholarly, business and popular media and informal class discussions; students will choose from selected topical areas in which they will conduct detailed research.
- 755 Business-to-Business Marketing**.....2 cr
Prereq: MBA 751. Freq: Occasionally.
 The study of marketing of goods and services to businesses, institutions, and government agencies; emphasis is on decision making, problem solving, and interaction with other functional departments and channel members in delivering quality service to customers; uses case analysis in addressing current marketing problems and issues.
- 756 Buyer Behavior**2 cr
Prereq: MBA 751. Freq: Occasionally.
 Theoretical and applied research and concepts in buying decision processes are covered pertinent to individuals, households, businesses, and other institutions; discussions relating to development, implementation, and evaluation of marketing strategies, including implications for e-commerce.
- 757 Services Marketing**.....2 cr
Prereq: MBA 751. Freq: Occasionally.
 An exploration of the marketing of services as distinct from products; also considers retailing as a form of service delivery to end consumers.
- 758 Pricing**2 cr
Prereq: MBA 751. Freq: Occasionally.
 A study of one of the four "P's" that most directly affects product profitability.
- 759 Product Management**.....2 cr
Prereq: MBA 751. Freq: Occasionally.
 An examination of the process of developing new products and services and managing existing offerings in a competitive market environment; includes many real cases as illustrations of principles learned.
- 772 Legal Framework and Issues of Business**2 cr
Prereq: None. Freq: Fall.
 An examination of the relationship of law to business; examines this relationship from a broad perspective studying the legal impact of all levels of government on all levels of the organization; statutory and case law will be studied in the areas of taxation, antitrust, employment, labor management relations, the environment and consumer protection.
- 776 Federal Taxation and Business**3 cr
Prereq: MBA 701. Freq: Occasionally.
 A study and analysis of the tax consequences and tax saving opportunities that attach to many common business transactions involved in managerial and operational decision making; primary emphasis will be on the federal income-tax law and its relationship to different forms of business organizations; includes the income concept, selection of a business form, property transactions, nontaxable transactions, reorganizations, and accounting methods and periods.
- 786 Human Resource Management**.....3 cr
Prereq: MBA 740. Freq: Occasionally.
 Examination of major areas concerning the management of human resources; topics include employee selection, development and evaluation, compensation, and affirmative action/equal opportunity.
- 790 Special Topics**1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
 An elective course dealing with special topics in the functional areas of business; subject varies but may include topics such as market research, labor/management relations, social responsibilities/ethics, applied multi-variant statistics, management techniques, issues in financial accounting, financial analysis, and information systems evaluation and management. See current course schedule. May be repeated with change in topic.
- 796 Advanced Strategic Management**2cr
Prereq: Any 4 of these 5 courses: MBA 702, 715, 732, 741, and 752. Freq: Spring.
 Focus on strategic management as an essential function for all types of organizations and firms; the study and application of advanced strategic management concepts are emphasized in this capstone course, particularly business-level and corporate-level strategy formulation, implementation, and control.
- 799 Independent Study and Research**.....1-3 cr
Prereq: Within 9 credit hours of MBA graduation, consent of instructor and department chair. Freq: Fall, Spring, Summer.
 In-depth study of an area of special interest to the student within one of the areas of business; requires independent research with advice and guidance of a full-time MBA faculty member. The student must submit a written proposal to a faculty member for approval before registering for this course.

MODERN LANGUAGES

Communication Arts 265 • (262) 595-2331 • www.uwp.edu/academic/modern.languages

Degree Offered:

Bachelor of Arts.

Faculty:

See listings under each language.

Student Organizations/Clubs:

French Club, German Club, Spanish Club

Career Possibilities:

Teaching, translation, foreign or diplomatic service, travel services, banking, business (purchasing, marketing, advertisement, etc.), editing and publishing, media (film, radio, etc.). Consult with the appropriate faculty member about your interests.

Department Overview

The Modern Languages Department at UW-Parkside offers courses in French, German, and Spanish language, literature, and culture. It also offers beginning courses in other languages when staffing and funding allow. In addition to serving language majors and minors, the program provides language skills and literary and cultural enrichment for students majoring in other areas. General enrichment courses offered in English also provide enrichment opportunities for students outside the language programs.

Program courses also serve other academic areas on campus including international studies, ethnic studies, humanities business management, and music. The department encourages all students to pursue study-abroad programs and assists students in finding a program suitable for their needs.

Preparation for Graduate School

Students who intend to do graduate work should attempt to do all of their undergraduate work (in French or German) within the French and German programs. Spanish students should seek broad coverage among Peninsular and Latin American literature and culture courses.

Internships

The Modern Languages Department offers a Translation Internship Program; other internships are planned.

Teacher Licensure

Students seeking teacher licensure in a Modern Languages major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at (262)

595-2100. Please note as well that DPI requirements for licensure include a language immersion experience.

French

Associate Professor:

Zepp, Ph.D.

The French Program, which offers a French studies major and a French minor, seeks to give students the requisite linguistic skills with which to read, discuss, and write intelligibly in French. For students wishing to broaden their proficiency, the French Program offers advanced French language courses which deal with various aspects of French literature and culture. Students have an opportunity in these courses to sharpen their linguistic proficiency while at the same time gaining a better understanding of the contributions made by French-language philosophers, artists, and writers. The French program's course offerings can also be supplemented by a number of courses from other departments as part of the French studies major. Students who wish to pursue the study of French at the graduate level are encouraged to take as many French program courses as possible.

Requirements for Admission to the French Studies Major:

For entrance into the French studies major, the student must: (1a) have a grade of at least C-plus (2.33) in FREN 203 or a combined GPA of 2.50 in FREN 203-204 or (1b) place into French 301, and (2) have a 2.50 overall GPA.

Requirements for Graduation from the French Studies Major

The French studies major consists of a minimum of 33 credits. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Basic standards of linguistic proficiency and content competency (cultural and literary) have been established and will include a senior project and a minimal portfolio.

The following core courses beyond the introductory level (103-104) are required of all French studies majors:

FREN 203	Intermediate French I	4 cr
FREN 204	Intermediate French II	4 cr
FREN 301	French Conversation & Composition	4 cr
FREN 318	French Civilization and Culture	3 cr
FREN 320	Introduction to French Literature	3 cr
FREN 495	Senior Project	3 cr
Total	. . . . .	21 cr

UNDERGRADUATE PROGRAMS

In addition, students must complete at least four courses selected from the following list. Students who wish to emphasize study in and about French language and literature are encouraged to choose as many French program offerings as possible. Alternate courses from other departments may be chosen after consultation with the student's adviser in French. Students should also contact the French faculty about distance-learning possibilities. Students must fulfill any course prerequisites for courses in other departments:

ART 343	History of Modern European Art	3 cr
ECON 310	International Trade	3 cr
ENGL 247	Introduction to Modern World Lit.	3 cr
FREN 350	French Phonetics	3 cr
FREN 402	Advanced Studies in French	3 cr
FREN 475	Translation Internship	1-3 cr
FREN 490	Special Topics in French	3 cr
FREN 494	Fieldwork in French	3 cr
HIST 361	Nineteenth Century Europe 1815-1879	3 cr
HIST 362	Nineteenth Century Europe 1870-1914	3 cr
HIST 363	Europe Between the Wars 1919-1939	3 cr
HIST 364	Europe Since 1945	3 cr
HIST 373	Social History of Europe.	3 cr
HUM 230	Culture and Literature	3 cr
MUS 414	History of Western Music II.	3 cr
POLS 330	European Politics	3 cr

Total courses for French Studies Major:

Core courses in French	21 cr
Additional four courses	12 cr
Total	33 cr

Requirements for the French Minor

Students electing to declare a minor in French are expected to complete the following courses beyond the introductory level (103-104):

FREN 203	Intermediate French I	4 cr
FREN 204	Intermediate French II	4 cr
FREN 301	French Conversation & Composition.	4 cr
FREN 318	French Civilization and Culture	3 cr
FREN 320	Introduction to French Literature.	3 cr
Total	18 cr	

The course Teaching a Foreign Language (Teacher Education) may not be counted toward the required minimum of 18 credits.

Courses in French (FREN)

Students entering from high school must have placement test results (UW System placement tests offered at Regional Testing and at UW-Parkside) in order to enter French 104, 203, 204, and

301. The Modern Languages Department reserves the right to refuse access to any language class (including 103) to any student under the following circumstances:

1. the student has not taken the placement exam or
2. the student's previous experience in the study of the language makes enrollment in the class in question inappropriate.

STUDENTS HAVING PASSED A HIGHER COURSE IN THE FRENCH 103-301 LANGUAGE SEQUENCE MAY NOT AFTERWARDS TAKE A LOWER COURSE IN THE SEQUENCE FOR CREDIT.

103 Introductory French I 4 cr

Prereq: Placement exam or no prior knowledge of French.

Freq: Fall.

Development of basic listening, speaking, reading, and writing skills, through oral practice, written exercises, elementary reading, and cultural background.

104 Introductory French II 4 cr

Prereq: FREN 103 or equivalent or placement exam. Freq: Spring.

A continuation of French 103.

111 French for Singers 1 cr

Prereq: Enrollment in vocal music. Freq: As needed.

To help university vocal and choral students gain theoretical understanding and practical mastery of diction in French as it pertains to specific, select songs and choral pieces being learned with texts in those languages. Does not count for credit toward French major or minor.

203 Intermediate French I 4 cr

Prereq: FREN 104 or equivalent or placement exam. Freq: Fall.

Continued training in listening, speaking, reading, and writing skills, through conversation, composition, and literary texts.

204 Intermediate French II 4 cr

Prereq: FREN 203 or equivalent or placement exam.

Freq: Spring.

A continuation of FREN 203.

301 French Conversation and Composition 4 cr

Prereq: FREN 204 or equivalent or placement exam.

Freq: Every other Fall.

Advanced training in conversation and composition with emphasis on acquiring communicative skills in colloquial French.

318 French Civilization and Culture 3 cr

Prereq: FREN 204 or equivalent. Freq: Every other Spring

Multi-media presentation and discussion of historical, philosophical, and artistic developments in France. Readings in French.

320 Introduction to French Literature 3 cr

Prereq: FREN 204. Freq: Every other Spring

Study of the major literary genres. Development of historical perspective and techniques of critical analysis through the study of selected masterpieces of French poetry, drama and prose.

- 341 Teaching A Foreign Language**3cr
Prereq: TEDU 210, 230; admission to TEDU; FREN 301; or consent of instructor. Freq: Occasionally.
 Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course.
- 350 French Phonetics**.....3 cr
Prereq: FREN 204 or equivalent. Freq: Every other Fall
 Theory of French sounds in contrast to English, combined with practical laboratory training in pronunciation and orthography. Required of all intending teachers.
- 402 Advanced Studies in French**3 cr
Prereq: FREN 301 or equivalent or consent of instructor. Freq: Occasionally.
 Studies in French language, culture or literature. May be repeated for credit with different subject matter.
- 475 Translation Internship**1-3 cr
Prereq: FREN 301 or equivalent, French studies major, and consent of instructor. Freq: Fall, Spring.
 Translation interns work with area businesses and service agencies to furnish translations from and into French. May be repeated for credit.
- 490 Special Topics in French**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in French studies will be examined.
- 494 Fieldwork in French**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Application of French in areas of community concern and in local business and industry. May be repeated for maximum of 6 credits.
- 495 Senior Project**.....3 cr
Prereq: Senior standing in French studies. Freq: Spring.
 The senior project in French studies is designed to be a capstone experience which offers graduating students an opportunity to bring together several aspects of their French studies and general undergraduate course work in the form of an independent research project.
- 499 Independent Study**1-3 cr
Prereq: Junior standing, consent of instructor and department chair. Freq: Occasionally.
 Available to qualified students under supervision of individual instructor. Normally, no more than 6 credits of Independent Study may be counted toward the major.

General Enrichment Courses Offered in English

Courses conducted in English do not carry modern language credit, do not fulfill language requirements, and may not count toward modern language major.

- 218 French Civilization and Culture (in English)**3 cr
Prereq: None. Freq: Occasionally.
 Multimedia presentation and discussion of historical, philosophical, and artistic developments in France.

- 290 Special Topics in French**1-3 cr
Prereq: None. Freq: Occasionally.
 Special topics in French Studies will be examined.

German

Professor:
 Christoph, Ph.D.

The German Program, which offers a German studies major and a German minor, seeks to give students the requisite linguistic skills with which to read, discuss and write intelligibly in German. For students wishing to broaden their proficiency, the German program offers advanced German-language courses which deal with various aspects of German literature and culture.

Students have an opportunity in these courses to sharpen their linguistic proficiency while at the same time gaining a better understanding of the contributions made by German-language philosophers, artists, and writers. The German program's course offerings can also be supplemented by a number of courses from other departments as part of the German studies major. Students who wish to pursue the study of German at the graduate level are encouraged to take as many German Program courses as possible.

Requirements for Admission to the German Studies Major

For entrance into the German studies major, the student must: (1a) have a grade of at least C-plus (2.33) in GER 203 or a combined GPA of 2.50 in GER 203-204 or (1b) place into German 305, and (2) have a 2.50 overall GPA.

Requirements for Graduation from the German Studies Major

The German studies major consists of a minimum of 33 credits. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Basic standards of linguistic proficiency and content competency (cultural and literary) have been established and will include a senior project and a minimal portfolio.

The following core courses beyond the introductory level (103-104) are required of all German studies majors:

GER 203	Intermediate German I	4 cr
GER 204	Intermediate German II	4 cr
GER 305	German Conversation and Composition	4 cr
GER 310	German Civilization and Culture	3 cr
GER 320	Introduction to German Literature	3 cr
GER 495	Senior Project in German	3 cr
Total		21 cr

In addition, students must complete at least four courses selected from the following list. Students who wish to emphasize study in and about German language and literature are encouraged to choose as many German program offerings as possible. Alternate courses from other departments may be chosen after consultation with the student's adviser in German. Students should also

contact the German faculty about distance-learning possibilities. Students must fulfill any course prerequisites for courses in other departments:

ART 343	History of Modern European Art	3 cr
ECON 310	International Trade	3 cr
ENGL 247	Introduction to Modern World Lit.	3 cr
HIST 320	Germany 1848 to the Present.	3 cr
HIST 361	Nineteenth Century Europe 1815-1879	3 cr
HIST 362	Nineteenth Century Europe 1870-1914.	3 cr
HIST 363	Europe Between the Wars 1919-1939.	3 cr
HIST 364	Europe Since 1945	3 cr
HIST 373	Social History of Europe.	3 cr
HUM 230	Culture and Literature	3 cr
MUS 414	History of Western Music II.	3 cr
POLS 330	European Politics	3 cr
GER 350	German Phonetics	3 cr
GER 402	Advanced Studies in German	3 cr
GER 475	Translation Internship	1-3 cr
GER 490	Special Topics in German	3 cr
GER 494	Fieldwork in German	3 cr

Total courses for German Studies Major:

Core courses in German	21 cr
Additional four courses	12 cr
Total	33 cr

Requirements for the German Minor

Students electing to declare a minor in German are expected to complete the following courses beyond the introductory level (103-104):

GER 203	Intermediate German I.	4 cr
GER 204	Intermediate German II	4 cr
GER 305	German Conversation and Composition	4 cr
GER 310	German Civilization and Culture	3 cr
GER 320	Introduction to German Literature.	3 cr
Total	18 cr	

The course Teaching of a Foreign Language (Teacher Education) may not be counted toward the required minimum of 18 credits. Students who have completed at least the German minor with a GPA of 3.00 or better will normally test successfully for the Zertifikat Deutsch als Fremdsprache, the internationally recognized certificate of German language proficiency, which is offered through the Goethe Institute.

Courses in German (GER)

Students entering from high school must have placement test results (UW System placement tests offered at Regional Testing and at UW-Parkside) in order to enter GER 104, 203, 204, and 305. The Modern Languages Department reserves the right to refuse access to any language class (including 103) to any student under the following circumstances:

1. the student has not taken the placement exam or
2. the student's previous experience in the study of the language makes enrollment in the class in question inappropriate.

STUDENTS HAVING PASSED A HIGHER COURSE IN THE GERMAN 103-305 LANGUAGE SEQUENCE MAY NOT AFTERWARDS TAKE A LOWER COURSE IN THE SEQUENCE FOR CREDIT.

103 Introductory German I 4 cr

Prereq: Placement exam or no prior knowledge of German.

Freq: Fall.

Development of basic listening, speaking, reading and writing skills.

104 Introductory German II 4 cr

Prereq: GER 103 or equivalent or placement exam. *Freq:* Spring.

Continuation of GER 103.

111 German for Singers 1 cr

Prereq: Enrollment in vocal music. *Freq:* As needed.

To help university vocal and choral students gain theoretical understanding and practical mastery of diction in German as it pertains to specific, select songs and choral pieces being learned with texts in those languages. Does not count for credit toward German major or minor.

203 Intermediate German I 4 cr

Prereq: GER 104 or equivalent or placement exam. *Freq:* Fall.

Review and further development of listening, speaking, reading and writing skills.

204 Intermediate German II 4 cr

Prereq: GER 203 or equivalent or placement exam. *Freq:* Spring.

Review and further development of listening, speaking, reading and writing skills. Emphasis on written German through reading selections.

305 German Conversation and Composition 4 cr

Prereq: GER 204 or equivalent or placement exam. *Freq:* Fall.

Advanced training in conversation and composition with emphasis upon acquiring communicative skills in colloquial German.

310 German Civilization and Culture 3 cr

Prereq: GER 204 or equivalent. *Freq:* Alternate years.

Introduction to historical, social, technological, and creative forces characteristic of the German speaking countries. Readings in German. May be counted toward major.

320 Introduction to German Literature 3 cr

Prereq: GER 204 or equivalent. *Freq:* Alternate years.

Introduction to German literary periods, genres, and personalities through representative works.

341 Teaching A Foreign Language 3 cr

Prereq: TEDU 210, 230; admission to TEDU; or consent of instructor. *Freq:* Occasionally.

Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course.

- 350 German Phonetics**.....3 cr
Prereq: GER 204 or equivalent. Freq: Occasionally.
 Theory of German sounds in contrast to English combined with practical laboratory training in pronunciation and orthography. Required of all intending teachers.
- 402 Advanced Studies in German**3 cr
Prereq: GER 305 or equivalent, or consent of instructor. Freq: Occasionally.
 Studies in German language, culture or literature. May be repeated for credit with different subject matter.
- 475 Translation Internship**1-3 cr
Prereq: GER 305 or equivalent, German studies major and consent of instructor. Freq: Fall, Spring.
 Translation interns work with area businesses and service agencies to furnish translations from and into German. May repeat for credit.
- 490 Special Topics in German**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in German studies will be examined.
- 494 Fieldwork in German**.....1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Application of German in areas of community concern and in local business and industry. May be repeated for maximum of 6 credits.
- 495 Senior Project**.....3 cr
Prereq: Senior standing in German studies. Freq: Spring.
 The senior project in German studies is designed to be a capstone experience which offers graduating students an opportunity to bring together several aspects of their German studies and general undergraduate course work in the form of an independent research project.
- 499 Independent Study**1-3 cr
Prereq: Junior standing, consent of instructor and department chair. Freq: Occasionally.
 Available to qualified students under supervision of individual instructor. Normally, no more than 6 credits of Independent Study may be counted toward the major.

General Enrichment Courses Offered in English

Courses conducted in English do not carry modern language credit, do not fulfill language requirements, and may not count toward modern language major.

- 210 German Civilization & Culture (in English)**.....3 cr
Prereq: None. Freq: Occasionally.
 Introduction to historical, social, technological, and creative forces characteristic of the German-speaking countries.
- 290 Special Topics in German**1-3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in German studies will be examined.

Spanish

Assistant Professor:
 McNair, Ph.D.

Senior Lecturer:
 Leavitt, M.A.

Lecturers:
 Fill, M.A.; Rodriguez-Juarez, M.A.

The Spanish program, which offers a Spanish major and a Spanish minor, seeks to give students the requisite linguistic skills with which to read, discuss, and write intelligibly in Spanish. For students wishing to broaden their proficiency, the Spanish program offers a variety of advanced Spanish-language courses which deal with aspects of both Peninsular and Latin American literature and culture. Students have an opportunity in these courses to sharpen their linguistic proficiency while at the same time gaining a better understanding of the contributions made by Spanish-language philosophers, artists, and writers.

Requirements for Admission to the Spanish Major

For entrance into the Spanish major, the student must: (1a) have a grade of at least C-plus (2.33) in SPAN 203 or a combined GPA of 2.50 in SPAN 203-204 or (1b) place into Spanish 303 or 305, and (2) have a 2.50 overall GPA.

Requirements for Graduation from the Spanish Major

The Spanish major consists of a minimum of 35 credits in Spanish beyond the introductory level (103-104). Basic standards of linguistic proficiency and content competency (cultural and literary) have been established and will likely include a senior examination. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside.

The following courses are required of all Spanish majors:

SPAN 303	Conversation & Composition I	3 cr
and		
SPAN 304	Conversation & Composition II.	3 cr
or		
SPAN 305	Conversation & Composition for Native Speakers I	3 cr
and		
SPAN 306	Conversation & Composition for Native Speakers II.	3 cr
plus		
SPAN 321	Introduction to Spanish Literature I. . .	3 cr
SPAN 322	Introduction to Spanish Literature II . .	3 cr
SPAN 335	Introduction to Spanish-American Literature	3 cr
SPAN 403	Advanced Spanish.	3 cr
SPAN 495	Senior Seminar	1 cr

UNDERGRADUATE PROGRAMS

Electives	.....	12 cr
Total	.....	31 cr

Requirements for the Spanish Minor

The minor in Spanish consists of a minimum of 23 credits beyond the first year introductory courses (103-104). The following courses are required of all Spanish minors:

SPAN 203	Intermediate Spanish I	.....	4 cr
SPAN 204	Intermediate Spanish II	.....	4 cr
plus			
SPAN 303	Conversation & Composition I	.....	3 cr
and			
SPAN 304	Conversation & Composition II	.....	3 cr
or			
SPAN 305	Conversation & Composition for Native Speakers I	.....	3 cr
and			
SPAN 306	Conversation & Composition for Native Speakers II	.....	3 cr
Plus			
Electives	.....	9 cr	
Total	.....	23 cr	

Electives must include at least three credits of course work in literature. The course Teaching of a Foreign Language (Teacher Education) may not be counted toward the required minimum of 23 credits.

Certificate in Spanish for Professionals

The purpose of the Spanish for Professionals certificate program is to help students improve their overall proficiency in the language as well as to provide them with more practical training (represented by the capstone course) in the fields of journalism, business, criminal justice, medicine, and education. It is possible to complete the certificate exclusively with night courses. Students must have achieved the competency level of SPAN 204 (fourth semester) before they can begin 300-400 level courses. Students may demonstrate the required competency by completing the 103-104, 203-204 course sequence or by the placement examination. Some 400-level electives require SPAN 304 as a prerequisite.

The certificate in Spanish for professionals consists of 17 credits in the following courses:

SPAN 203	Intermediate Spanish I	.....	4 cr
SPAN 204	Intermediate Spanish II	.....	4 cr
SPAN 303	Conversation and Composition I	.....	3 cr
Capstone course (SPAN 415, 416, 417, 418, or 419)			
3 cr			

At least 3 additional credits at the 300-400 level in Spanish.

Courses in Spanish (SPAN)

Students entering from high school must have placement test results (UW System placement tests offered at Regional Testing and at UW-Parkside) in order to enter SPAN 104, 203, 204, and 303. The Modern Languages Department reserves the right to refuse access to any language class (including 103) to any student under the following circumstances:

1. the student has not taken the placement exam or
2. the student's previous experience in the study of the language makes enrollment in the class in question inappropriate.

STUDENTS HAVING PASSED A HIGHER COURSE IN THE SPANISH 103-304 AND 403 LANGUAGE SEQUENCE MAY NOT AFTERWARDS TAKE A LOWER COURSE IN THE SEQUENCE FOR CREDIT.

103 Introductory Spanish I.....4 cr
Prereq: Placement exam or no prior knowledge of Spanish. Freq: Fall.

Spanish grammar through oral practice and written exercises, elementary reading, cultural background.

104 Introductory Spanish II4 cr
Prereq: SPAN 103 or equivalent or placement exam. Freq: Spring.
 A continuation of Spanish 103.

111 Spanish for Singers1 cr
Prereq: Enrollment in vocal music. Freq: As needed.

To help university vocal and choral students gain theoretical understanding and practical mastery of diction in Spanish as pertains to specific, select songs and choral pieces being learned with texts in those languages. Does not count for credit toward Spanish major or minor.

203 Intermediate Spanish I.....4 cr
Prereq: SPAN 104 or equivalent or placement exam. Freq: Fall.
 Continued training in spoken Spanish. Programmed advancement in reading and grammar. Discussion of text in Spanish. Beginning work in directed composition and conversation.

204 Intermediate Spanish II4 cr
Prereq: SPAN 203 or equivalent or placement exam. Freq: Spring.
 A continuation of Spanish 203.

303 Conversation and Composition I.....3 cr
Prereq: SPAN 204 or equivalent or placement exam. Concurrent registration in SPAN 321 recommended for major. Freq: Fall.
 Special training in conversation and composition. May not be taken for major or minor credit if SPAN 305 is taken. Counts towards major or minor in lieu of SPAN 305.

304 Conversation and Composition II3 cr
Prereq: SPAN 303 or equivalent. Concurrent registration in SPAN 322 recommended for major. Freq: Spring.
 A continuation of SPAN 303. May not be taken for major or minor credit if SPAN 306 is taken. Counts toward major or minor in lieu of SPAN 306.

- 305 Conversation and Composition for Native Speakers I**3 cr
Prereq: Placement test (303 level) . Concurrent registration in SPAN 321 recommended for major. *Freq:* Fall.
 Designed for students having acquired Spanish in a native environment (home or abroad). Emphasis on developing and improving skills in reading and writing. Introduction to grammatical terminology. Counts toward major or minor in lieu of SPAN 303. May not be taken for major or minor credit if 303 is taken. Not open to students who have completed the 103, 203, 303 sequence or its equivalent.
- 306 Conversation and Composition for Native Speakers II**3 cr
Prereq: Spanish 305. Concurrent registration in 322 recommended for major. *Freq:* Spring.
 A continuation of SPAN 305. May not be taken for major or minor credit if SPAN 304 is taken. Counts toward major or minor in lieu of SPAN 304.
- 318 Spanish Civilization and Culture**3 cr
Prereq: None in English, SPAN 204 in Spanish.
Freq: Occasionally.
 Presentation and discussion of historical, philosophical, and artistic elements of the Spanish society. Does not apply for Spanish major unless conducted in Spanish. Offered variously in Spanish or English.
- 319 Latin American Civilization and Culture**3 cr
Prereq: None in English, SPAN 204 in Spanish.
Freq: Occasionally.
 Presentation and discussion of historical, philosophical and artistic elements of Latin America. Does not apply for Spanish major unless conducted in Spanish. Offered variously in Spanish or English.
- 321 Spanish and Spanish-American Literature to 1700**3 cr
Prereq: SPAN 204 or equivalent. *Freq:* Fall.
 Survey of literature of the Spanish-speaking world from beginnings to 1700; includes American Pre-Colombian, Mozarabic, and Andalusian Arabic literature in translation in addition to Spanish literature of the Peninsula and its colonial possessions.
- 322 Spanish Literature Since 1700**.....3 cr
Prereq: SPAN 204 or equivalent. *Freq:* Spring.
 Survey of Spanish peninsular literature since 1700.
- 335 Spanish-American Literature to 1700**3 cr
Prereq: SPAN 204 or equivalent. *Freq:* Spring.
 Survey of Spanish-American literature since 1700.
- 341 Teaching A Foreign Language**3cr
Prereq: TEDU 210, 230; Admission to TEDU; or consent of instructor. *Freq:* Occasionally.
 Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course.
- 350 Spanish Phonetics** 3 cr
Prereq: SPAN 204 or equivalent. *Freq:* Occasionally.
 Theory of Spanish sounds in contrast to English combined with practical laboratory training in pronunciation and orthography. Required of all intending teachers.
- 400 Spanish Medieval Masterpieces**3 cr
Prereq: SPAN 321 or equivalent or consent of instructor.
Freq: Occasionally.
 A study of the most significant literary monuments from the 11th century jarchas to La Celestina (end of 15th century).
- 403 Advanced Spanish**3 cr
Prereq: SPAN 304 or equivalent. *Freq:* Occasionally.
 Analysis of questions of syntax and style; emphasis on idiomatic Spanish.
- 405 The Spanish Golden Age**3 cr
Prereq: SPAN 321 or equivalent or consent of instructor.
Freq: Occasionally.
 Study of the principal genres, authors and works of Spain's Classical period from La Celestina through Calderon. Content will vary and course may be taken more than once.
- 415 Spanish for Journalism**.....3 cr
Prereq: SPAN 303 or equivalent. *Freq:* Occasionally.
 Designed to refine writing in Spanish through the process of creating and editing newsworthy articles.
- 416 Children's Literature**.....3 cr
Prereq: SPAN 303 or equivalent. *Freq:* Occasionally.
 A study of the oral and written literature for children from the pre-Hispanic period to the present. Highly recommended for teacher certification candidates
- 417 Spanish for Criminal Justice**3 cr
Prereq: SPAN 303 or equivalent. *Freq:* Occasionally.
 Course will focus on legal terminology and proceedings in order to help police officers and other professionals in criminal justice.
- 418 Medical Spanish**.....3 cr
Prereq: SPAN 303 or equivalent. *Freq:* Occasionally.
 Introduction to and practice in conversational Spanish medical terminology applicable to the different branches of medical care.
- 419 Spanish for Business**3 cr
Prereq: SPAN 303 or equivalent.. *Freq:* Occasionally.
 The course focuses on business terminology and procedure for Spanish-speaking countries. Emphasis is on written Spanish supplemented by conversational work.
- 420 Modern Spanish Literature**3 cr
Prereq: SPAN 322 or equivalent or consent of instructor.
Freq: Occasionally.
 Nineteenth and 20th century masterpieces: novel, poetry, theater, and essay. May be repeated under different subtitles.
- 430 Latin American Literature**.....3 cr
Prereq: SPAN 304 or equivalent or consent of instructor.
Freq: Occasionally.
 Drama, novel, poetry and essay from the colonial period through the 19th century. Content will vary and course may be taken more than once with consent of instructor.

- 435 **20th Century Latin American Literature**3 cr
Prereq: SPAN 304 or equivalent or consent of instructor.
Freq: Occasionally.
 Study of the literature of a specific genre, country or period.
 Course taught in Spanish. Content will vary and course may
 be taken more than once with consent of instructor.
- 475 **Translation Internship**1-3 cr
*Prereq: SPAN 304 or 306 or equivalent, Spanish major and
 consent of instructor. Freq: Fall, Spring.*
 Translation interns work with area businesses and service
 agencies to furnish translations from and into Spanish. May
 repeat for credit.
- 490 **Special Topics in Spanish**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in Spanish studies will be examined.
- 494 **Fieldwork in Spanish**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Application of Spanish in areas of community concern and
 in local business and industry. May be repeated for maxi-
 mum of 6 credits.
- 495 **Senior Seminar**.....1 cr
Prereq: Senior standing in Spanish. Freq: Spring
 Students will develop portfolios that highlight their lan-
 guage skills and review/synthesize their course work in the
 major.
- 499 **Independent Study**1-3 cr
*Prereq: Junior standing, consent of instructor and department
 chair. Freq: Occasionally.*
 Available to qualified students under supervision of individ-
 ual instructor. Normally, no more than 6 credits of
 Independent Study may be counted toward the major.

General Enrichment Courses Offered in English

Courses offered in English do not carry modern language credit,
do not fulfill language requirements, and may not count toward
modern language major.

- 225 **Contemporary Hispanic Writers in the U.S.A.**.....3 cr
Prereq: None. Freq: Occasionally.
 An exploration of the literary works on contemporary
 Hispanic writers.
- 290 **Special Topics in Spanish**.....1-3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in Spanish studies will be examined.
- 440 **Advanced Studies in Hispanic
Literature in Translation**3 cr
Prereq: Junior standing. Freq: Occasionally.
 Study of representative Spanish and Latin American works
 in translation from the standpoint of analytic methods:
 approaches to critical analysis or problems in the theory of
 literature (genre theory, comparative study of themes or
 styles, discussion of literary movements). May be repeated
 for credit with different subject matters.

Courses in Modern Languages (MODL)

The program offers occasionally, under MODL 103 and
104, first-year courses in modern languages other than
French, German or Spanish.

- 103 **Modern Languages I**4 cr
Prereq: None. Freq: Occasionally.
 Semester I of a modern language other than those regularly
 offered in the Modern Languages Department. May be
 repeated with different language content.
- 104 **Modern Languages II**.....4 cr
Prereq: MODL 103 or equivalent. Freq: Occasionally.
 Semester II of a modern language other than those regular-
 ly offered in the Modern Languages Department. May be
 repeated with different language content.
- 499 **Independent Study**1-3 cr
*Prereq: Junior standing, consent of instructor and department
 chair. Freq: Occasionally.*
 Available to qualified students under supervision of individ-
 ual instructor.

MODERN LANGUAGES

Communication Arts 265 • 262-595-2331 • Keyword: *Languages*

Degree Offered:

Bachelor of Arts.

Faculty:

See listings under each language.

Student Organizations/Clubs:

French Club, German Club, Spanish Club

Career Possibilities:

Teaching, translation, foreign or diplomatic service, travel services, banking, business (purchasing, marketing, advertising, etc.), editing and publishing, media (film, radio, etc.). Consult with the appropriate faculty member about your interests.

Department Overview

The Modern Languages Department at UW-Parkside offers courses in French, German, and Spanish language, literature, and culture. It also offers beginning courses in other languages when staffing and funding allow. In addition to serving language majors and minors, the program provides language skills and literary and cultural enrichment for students majoring in other areas. General enrichment courses offered in English also provide enrichment opportunities for students outside the language programs.

Program courses also serve other academic areas on campus including international studies, ethnic studies, humanities, business management, and music. The department encourages all students to pursue study-abroad programs and assists students in finding a program suitable for their needs.

Preparation for Graduate School

Students who intend to do graduate work in the modern languages should be aware that graduate programs often expect specific course work/concentrations from their applicants. Note, for example, that students of French and German have the option of fulfilling their majors with course work in other departments, but should plan to do as much work in the French/German language as possible if they plan to apply for graduate school. Consult appropriate faculty adviser.

Internships

The Modern Languages Department offers a Translation Internship Program; other internships are planned.

Teacher Licensure

Students seeking teacher licensure with a Modern Languages major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the Teacher Education Department and additional requirements for licensure can be obtained from the TEDU adviser at 262-595-2100. Please note as well that DPI requirements for licensure include a language immersion experience.

General Enrichment Courses Offered in English

The following courses taught in English do not carry modern language credit, do not fulfill language requirements, and may not count toward modern language major. They are offered occasionally for general enrichment.

FREN 218	French Civilization and Culture	3 cr
FREN 290	Special Topics in French	1-3 cr
GER 210	German Civilization and Culture	3 cr
GER 290	Special Topics in German	1-3 cr
SPAN 225	Contemporary Hispanic Writers in the U.S.	3 cr
SPAN 290	Special Topics in Spanish	1-3 cr
SPAN 440	Advanced /Studies in Hispanic Literature in Translation	3 cr

French

Associate Professor:

Zepp, Ph.D.

The French program, which offers a French studies major and a French minor, seeks to give students the requisite linguistic skills with which to read, discuss, and write intelligibly in French. For students wishing to broaden their proficiency, the French Program offers advanced French language courses which deal with various aspects of French literature and culture.

Students have an opportunity in these courses to sharpen their linguistic proficiency while at the same time gaining a better understanding of the contributions made by French-language philosophers, artists, and writers. The French program's course offerings can also be supplemented by a number of courses from other departments as part of the French studies major. Students who wish to pursue the study of French at the graduate level are encouraged to take as many French program courses as possible.

Requirements for Admission to the French Studies Major:

For entrance into the French studies major, the student must: (1a) have a grade of at least C+ (2.33) in FREN 203 or a combined GPA of 2.50 in FREN 203-204 or (1b) place into FREN 301, and (2) have a 2.50 overall GPA.

Requirements for Graduation from the French Studies Major

The French Studies major consists of a minimum of 25 credits beyond the second-year level (203–204). At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Basic standards of linguistic proficiency and content competency (cultural and literary) have been established and will include a senior project and a minimal portfolio.

The following core courses beyond the second-year level (203-204) are required of all French studies majors:

FREN 301	French Conversation & Composition . . . 4 cr
FREN 318	French Civilization and Culture 3 cr
FREN 320	Introduction to French Literature 3 cr
FREN 495	Senior Project 3 cr
Total	. . . . . 13 cr

In addition, students must complete at least four courses selected from the following list. Students who wish to emphasize study in and about French language and literature are encouraged to choose as many French program offerings as possible. Alternate courses from other departments may be chosen after consultation with the student’s adviser in French. Students should also contact the French faculty about distance-learning possibilities. Students must fulfill any course prerequisites for courses in other departments:

ART 343	History of Modern European Art 3 cr
ECON 310	International Trade 3 cr
ENGL 247	Introduction to Modern World Lit. 3 cr
FREN 318	French Civilization and Culture* 3 cr
FREN 320	Introduction to French Literature* 3 cr
FREN 350	French Phonetics 3 cr
FREN 402	Advanced Studies in French 3 cr
FREN 475	Translation Internship 1-3 cr
FREN 490	Special Topics in French 3 cr
FREN 494	Fieldwork in French 3 cr
FREN 499	Independent Study 3 cr
HIST 361	Nineteenth Century Europe 1815-1879 3 cr
HIST 362	Nineteenth Century Europe 1870-1914 3 cr
HIST 363	Europe Between the Wars 1919-1939. . . 3 cr
HIST 364	Europe Since 1945 3 cr
HIST 373	Social History of Europe. 3 cr
HUM 230	Culture and Literature 3 cr
MUS 414	History of Western Music II. 3 cr
POLS 330	European Politics 3 cr

Total courses for French Studies Major:

Core courses in French	13 cr
Additional four courses	12 cr
Total	25 cr

* When content differs from version used to satisfy core requirement

The course Teaching of a Foreign Language (FREN/GER/SPAN 341) may not be counted toward the major.

Requirements for the French Minor

The minor in French consists of a minimum of 10 credits beyond the second-year level (203-204). The following courses are required of all French minors:

FREN 301	French Conversation & Composition . . . 4 cr
FREN 318	French Civilization and Culture 3 cr
FREN 320	Introduction to French Literature. 3 cr
Total	. . . . . 10 cr

The course Teaching a Foreign Language (FREN/GER/SPAN 341) may not be counted toward the required minimum of 10 credits.

Courses in French (FREN)

Students entering from high school must have placement test results (UW System placement tests offered at regional testing and at UW-Parkside) in order to enter French 104, 203, 204, and 301. The Modern Languages Department reserves the right to refuse access to any language class (including 103) to any student under the following circumstances:

1. the student has not taken the placement exam or
2. the student’s previous experience in the study of the language makes enrollment in the class in question inappropriate.

ONCE STUDENTS HAVE TAKEN A COURSE IN THE FRENCH LANGUAGE SEQUENCE (103-301) THEY MAY NOT AFTERWARDS TAKE A LOWER COURSE IN THE SEQUENCE FOR CREDIT.

103 Introductory French I 4 cr
Prereq: Placement exam or no prior knowledge of French. Freq: Fall.
 Development of basic listening, speaking, reading, and writing skills, through oral practice, written exercises, elementary reading, and cultural background.

104 Introductory French II 4 cr
Prereq: FREN 103 or equivalent or placement exam. Freq: Spring.
 A continuation of French 103.

111 French for Singers 1 cr
Prereq: Enrollment in vocal music. Freq: As needed.
 To help university vocal and choral students gain theoretical understanding and practical mastery of diction in French as it pertains to specific, select songs and choral pieces being learned with texts in those languages. Does not count for credit toward French major or minor.

UNDERGRADUATE PROGRAMS

- 203 Intermediate French I**4 cr
Prereq: FREN 104 or equivalent or placement exam. Freq: Fall.
 Continued training in listening, speaking, reading, and writing skills, through conversation, composition, and literary texts.
- 204 Intermediate French II**4 cr
Prereq: FREN 203 or equivalent or placement exam. Freq: Spring.
 A continuation of FREN 203.
- 218 French Civilization and Culture (in English)**3 cr
Prereq: None. Freq: Occasionally.
 Multimedia presentation and discussion of historical, philosophical, and artistic developments in France.
- 290 Special Topics in French**1-3 cr
Prereq: None. Freq: Occasionally.
 Special topics in French Studies will be examined. May not be counted toward French Studies major when taught in English.
- 301 French Conversation and Composition**4 cr
Prereq: FREN 204 or equivalent or placement exam. Freq: Every other Fall.
 Advanced training in conversation and composition with emphasis on acquiring communicative skills in colloquial French.
- 318 French Civilization and Culture**3 cr
Prereq: FREN 204 or equivalent. Freq: alternate Springs.
 Multi-media presentation and discussion of historical, philosophical, and artistic developments in various periods in France. Readings in French. May be repeated for credit with different content.
- 320 Introduction to French Literature**3 cr
Prereq: FREN 204 or equivalent. Freq: alternate Springs.
 Study of a major literary genre and/or a cultural/literary period or movement. Development of historical perspective and techniques of critical analysis through the study of selected masterpieces of French poetry, drama or prose. May be repeated for credit with different content.
- 341 Teaching A Foreign Language**3 cr
Prereq: TEDU 210, 230; admission to TEDU; FREN 301; or consent of instructor. Freq: Occasionally.
 Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course.
- 350 French Phonetics**3 cr
Prereq: FREN 204 or equivalent. Freq: Every other Fall.
 Theory of French sounds in contrast to English, combined with practical laboratory training in pronunciation and orthography. Required of all intending teachers.
- 402 Advanced Studies in French**3 cr
Prereq: FREN 301 or equivalent or consent of instructor. Freq: Occasionally.
 Studies in French language, culture or literature. May be repeated for credit with different subject matter.
- 475 Translation Internship**1-3 cr
Prereq: FREN 301 or equivalent, French studies major, and consent of instructor. Freq: Fall, Spring.
 Translation interns work with area businesses and service agencies to furnish translations from and into French. May be repeated for credit.
- 490 Special Topics in French**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in French studies will be examined.
- 494 Fieldwork in French**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Application of French in areas of community concern and in local business and industry. May be repeated for maximum of 6 credits.
- 495 Senior Project**3 cr
Prereq: Senior standing in French studies. Freq: Spring.
 The senior project in French studies is designed to be a capstone experience which offers graduating students an opportunity to bring together several aspects of their French studies and general undergraduate course work in the form of an independent research project.
- 499 Independent Study**1-3 cr
Prereq: Junior standing, consent of instructor and department chair. Freq: Occasionally.
 Available to qualified students under supervision of individual instructor. Normally, no more than 6 credits of Independent Study may be counted toward the major.

German

Professor:

Christoph, Ph.D.

The German program, which offers a German studies major and a German minor, seeks to give students the requisite linguistic skills with which to read, discuss and write intelligibly in German. For students wishing to broaden their proficiency, the German program offers advanced German-language courses which deal with various aspects of German literature and culture.

Students have an opportunity in these courses to sharpen their linguistic proficiency while at the same time gaining a better understanding of the contributions made by German-language philosophers, artists, and writers. The German program's course offerings can also be supplemented by a number of courses from other departments as part of the German studies major. Students who wish to pursue the study of German at the graduate level are encouraged to take as many German program courses as possible.

Requirements for Admission to the German Studies Major

For entrance into the German studies major, the student must: (1a) have a grade of at least C+ (2.33) in GER 203 or a combined GPA of 2.50 in GER 203-204 or (1b) place into German 305, and (2) have a 2.50 overall GPA.

Requirements for Graduation from the German Studies Major

The German studies major consists of a minimum of 25 credits beyond the second-year level (203-204). At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Basic standards of linguistic proficiency and content competency (cultural and literary) have been established and will include a senior project and a minimal portfolio.

The following core courses beyond the second year-level (203-204) are required of all German studies majors:

GER 305	German Conversation and Composition.	4 cr
GER 310	German Civilization and Culture	3 cr
GER 320	Introduction to German Literature.	3 cr
GER 495	Senior Project in German	3 cr
Total	. . . . .	13 cr

In addition, students must complete at least four courses selected from the following list. Students who wish to emphasize study in and about German language and literature are encouraged to choose as many German program offerings as possible. Alternate courses from other departments may be chosen after consultation with the student's adviser in German. Students should also contact the German faculty about distance-learning possibilities. Students must fulfill any course prerequisites for courses in other departments:

ART 343	History of Modern European Art	3 cr
ECON 310	International Trade	3 cr
ENGL 247	Introduction to Modern World Lit.	3 cr
HIST 320	Germany 1848 to the Present.	3 cr
HIST 361	Nineteenth Century Europe 1815-1879	3 cr
HIST 362	Nineteenth Century Europe 1870-1914.	3 cr
HIST 363	Europe Between the Wars 1919-1939.	3 cr
HIST 364	Europe Since 1945	3 cr
HIST 373	Social History of Europe.	3 cr
HUM 230	Culture and Literature	3 cr
MUS 414	History of Western Music II.	3 cr
POLS 330	European Politics	3 cr
GER 350	German Phonetics	3 cr
GER 402	Advanced Studies in German	3 cr
GER 475	Translation Internship	1-3 cr
GER 490	Special Topics in German	3 cr
GER 494	Fieldwork in German	3 cr
GER 499	Independent Study	3 cr

Total courses for German Studies Major:

Core courses in German	13 cr
Additional four courses	12 cr
Total	25 cr

The course Teaching of a Foreign Language (FREN/GER/SPAN 341) may not be counted toward the major.

Requirements for the German Minor

The minor in German consists of a minimum of 10 credits beyond the second-year level (203-204). The following courses are required of all German minors:

GER 305	German Conversation and Composition	4 cr
GER 310	German Civilization and Culture	3 cr
GER 320	Introduction to German Literature.	3 cr
Total	. . . . .	10 cr

The course Teaching of a Foreign Language (FREN/GER/SPAN 341) may not be counted toward the required minimum of 10 credits. Students who have completed at least the German minor with a GPA of 3.00 or better will normally test successfully for the Zertifikat Deutsch als Fremdsprache, the internationally recognized certificate of German language proficiency, which is offered through the Goethe Institute.

Courses in German (GER)

Students entering from high school must have placement test results (UW System placement tests offered at regional testing and at UW-Parkside) in order to enter GER 104, 203, 204, and 305. The Modern Languages Department reserves the right to refuse access to any language class (including 103) to any student under the following circumstances:

1. the student has not taken the placement exam or
2. the student's previous experience in the study of the language makes enrollment in the class in question inappropriate.

ONCE STUDENTS HAVE TAKEN A COURSE IN THE GERMAN LANGUAGE SEQUENCE (103-305) THEY MAY NOT AFTERWARDS TAKE A LOWER COURSE IN THE SEQUENCE FOR CREDIT.

103 Introductory German I 4 cr
Prereq: Placement exam or no prior knowledge of German.
Freq: Fall.

Development of basic listening, speaking, reading and writing skills.

104 Introductory German II 4 cr
Prereq: GER 103 or equivalent or placement exam. Freq: Spring.
Continuation of GER 103.

111 German for Singers 1 cr
Prereq: Enrollment in vocal music. Freq: As needed.

To help university vocal and choral students gain theoretical understanding and practical mastery of diction in German as it pertains to specific, select songs and choral pieces being learned with texts in those languages. Does not count for credit toward German major or minor.

203 Intermediate German I 4 cr
Prereq: GER 104 or equivalent or placement exam. Freq: Fall.

Review and further development of listening, speaking, reading and writing skills.

UNDERGRADUATE PROGRAMS

- 204 **Intermediate German II**.....4 cr
Prereq: GER 203 or equivalent or placement exam. Freq: Spring.
 Review and further development of listening, speaking, reading and writing skills. Emphasis on written German through reading selections.
- 210 **German Civilization & Culture (in English)**.....3 cr
Prereq: None. Freq: Occasionally.
 Introduction to historical, social, technological, and creative forces characteristic of the German-speaking countries.
- 290 **Special Topics in German**1-3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in German studies will be examined. May not be counted toward German studies major when taught in English.
- 305 **German Conversation and Composition**.....4 cr
Prereq: GER 204 or equivalent or placement exam. Freq: Fall.
 Advanced training in conversation and composition with emphasis upon acquiring communicative skills in colloquial German.
- 310 **German Civilization and Culture**.....3 cr
Prereq: GER 204 or equivalent. Freq: Alternate years.
 Introduction to historical, social, technological, and creative forces characteristic of the German speaking countries. Readings in German. May be counted toward major.
- 320 **Introduction to German Literature**3 cr
Prereq: GER 204 or equivalent. Freq: Alternate years.
 Introduction to German literary periods, genres, and personalities through representative works.
- 341 **Teaching A Foreign Language**3 cr
Prereq: TEDU 210, 230; admission to TEDU; or consent of instructor. Freq: Occasionally.
 Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course.
- 350 **German Phonetics**.....3 cr
Prereq: GER 204 or equivalent. Freq: Occasionally.
 Theory of German sounds in contrast to English combined with practical laboratory training in pronunciation and orthography. Required of all intending teachers.
- 402 **Advanced Studies in German**3 cr
Prereq: GER 305 or equivalent, or consent of instructor. Freq: Occasionally.
 Studies in German language, culture or literature. May be repeated for credit with different subject matter.
- 475 **Translation Internship**1-3 cr
Prereq: GER 305 or equivalent, German studies major and consent of instructor. Freq: Fall, Spring.
 Translation interns work with area businesses and service agencies to furnish translations from and into German. May repeat for credit.
- 490 **Special Topics in German**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in German studies will be examined.

- 494 **Fieldwork in German**.....1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Application of German in areas of community concern and in local business and industry. May be repeated for maximum of 6 credits.
- 495 **Senior Project**.....3 cr
Prereq: Senior standing in German studies. Freq: Spring.
 The senior project in German studies is designed to be a capstone experience which offers graduating students an opportunity to bring together several aspects of their German studies and general undergraduate course work in the form of an independent research project.
- 499 **Independent Study**1-3 cr
Prereq: Junior standing, consent of instructor and department chair. Freq: Occasionally.
 Available to qualified students under supervision of individual instructor. Normally, no more than 6 credits of Independent Study may be counted toward the major.

Spanish

Associate Professor:

Gonzalez, Ph.D.

Assistant Professor:

McNair, Ph.D.

Senior Lecturer:

Leavitt, M.A.

Lecturers:

Fill, M.A.; Rodriguez-Juarez, M.A.

The Spanish program, which offers a Spanish major and a Spanish minor, seeks to give students the requisite linguistic skills with which to read, discuss, and write intelligibly in Spanish. For students wishing to broaden their proficiency, the Spanish program offers a variety of advanced Spanish-language courses which deal with aspects of both Peninsular and Latin American literature and culture. Students have an opportunity in these courses to sharpen their linguistic proficiency while at the same time gaining a better understanding of the contributions made by Spanish-language philosophers, artists, and writers.

Requirements for Admission to the Spanish Major

For entrance into the Spanish major, the student must: (1a) have a grade of at least C-plus (2.33) in SPAN 203 or a combined GPA of 2.50 in SPAN 203-204 or (1b) place into Spanish 303, and (2) have a 2.50 overall GPA.

Requirements for Graduation from the Spanish Major

The Spanish major consists of a minimum of 34 credits in Spanish beyond the second-year level (203-204). Basic standards of linguistic proficiency and content competency (cultural and

literary) have been established and will likely include a senior examination. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside.

The following courses are required of all Spanish majors:

SPAN 303	Spanish Grammar and Composition I . . . 3 cr
and	
SPAN 304	Spanish Grammar and Composition II . . 3 cr
plus	
SPAN 307	Advanced Spanish Conversation 3 cr
SPAN 321	Spanish and Spanish-American Literature to 1700. 3 cr
SPAN 322	Spanish Literature Since 1700 3 cr
SPAN 335	Spanish-American Literature Since 1700 . 3 cr
SPAN 403	Advanced Spanish Grammar. 3 cr
SPAN 495	Senior Seminar 1 cr
Electives	. . . . . 12-15 cr
Total	. . . . . 34 cr

The course Teaching of a Foreign Language (Teacher Education) may not be counted toward the major.

Requirements for the Spanish Minor

The minor in Spanish consists of a minimum of 15 credits beyond the second-year level (203-204). The following courses are required of all Spanish minors:

SPAN 303	Spanish Grammar and Composition I . . . 3 cr
and	
SPAN 304	Spanish Grammar and Composition II . . 3 cr
plus	
Electives	. . . . . 9 cr
Total	. . . . . 15 cr

Electives must include at least three credits of course work in literature. The course Teaching of a Foreign Language (Teacher Education) may not be counted toward the required minimum of 15 credits.

Certificate in Spanish for Professionals

The purpose of the Spanish for professionals certificate program is to help students improve their overall proficiency in the language as well as to provide them with more practical training (represented by the capstone course) in the fields of journalism, business, criminal justice, medicine, and education. It is possible to complete the certificate exclusively with night courses.

Students must have achieved the competency level of SPAN 204 (fourth semester) before they can begin 300-400 level courses. Students may demonstrate the required competency by completing the 103-104, 203-204 course sequence or by the placement examination. Some 400-level electives require SPAN 304 as a prerequisite.

The certificate in Spanish for professionals consists of 17 credits in the following courses:

SPAN 203	Intermediate Spanish I 4 cr
SPAN 204	Intermediate Spanish II 4 cr
SPAN 303	Spanish Grammar and Composition I . 3 cr
Capstone course (SPAN 415, 416, 417, 418, or 419) . .	3 cr

At least 3 additional credits at the 300-400 level in Spanish.

Courses in Spanish (SPAN)

Students entering from high school must have placement test results (UW System placement tests offered at regional testing and at UW-Parkside) in order to enter SPAN 104, 203, 204, and 303. The Modern Languages Department reserves the right to refuse access to any language class (including 103) to any student under the following circumstances:

1. the student has not taken the placement exam or
2. the student's previous experience in the study of the language makes enrollment in the class in question inappropriate.

ONCE STUDENTS HAVE TAKEN A COURSE IN THE SPANISH LANGUAGE SEQUENCE (103-304 AND 403) THEY MAY NOT AFTERWARDS TAKE A LOWER COURSE IN THE SEQUENCE FOR CREDIT.

103	Introductory Spanish I 4 cr
	<i>Prereq: Placement exam or no prior knowledge of Spanish.</i>
	<i>Freq: Fall.</i>
	Spanish grammar through oral practice and written exercises, elementary reading, cultural background.
104	Introductory Spanish II 4 cr
	<i>Prereq: SPAN 103 or equivalent or placement exam. Freq: Spring.</i>
	A continuation of Spanish 103.
111	Spanish for Singers 1 cr
	<i>Prereq: Enrollment in vocal music. Freq: As needed.</i>
	To help university vocal and choral students gain theoretical understanding and practical mastery of diction in Spanish as pertains to specific, select songs and choral pieces being learned with texts in those languages. Does not count for credit toward Spanish major or minor.
203	Intermediate Spanish I 4 cr
	<i>Prereq: SPAN 104 or equivalent or placement exam. Freq: Fall.</i>
	Continued training in spoken Spanish. Programmed advancement in reading and grammar. Discussion of text in Spanish. Beginning work in directed composition and conversation.
204	Intermediate Spanish II 4 cr
	<i>Prereq: SPAN 203 or equivalent or placement exam. Freq: Spring.</i>
	A continuation of Spanish 203.
225	Contemporary Hispanic Writers in the U.S.A. 3 cr
	<i>Prereq: None. Freq: Occasionally.</i>
	An exploration of the literary works on contemporary Hispanic writers. May not be counted toward Spanish major when taught in English.
290	Special Topics in Spanish 1-3 cr
	<i>Prereq: None. Freq: Occasionally.</i>
	Selected topics in Spanish studies will be examined. May not be counted toward Spanish major when taught in English.

UNDERGRADUATE PROGRAMS

- 303 Spanish Grammar and Composition I**3 cr
Prereq: SPAN 204 or equivalent. Oral proficiency exam required. Concurrent enrollment in SPAN 307 required of students who do not test out by oral proficiency exam. Freq: Fall.
 Essential points of grammar, with emphasis on syntax and development of writing skills. Concurrent enrollment in SPAN 321 recommended for major.
- 304 Spanish Grammar and Composition II**3 cr
Prereq: SPAN 303 or equivalent. Oral proficiency exam required. Freq: Spring.
 A continuation of SPAN 303. Essential themes of grammar, with emphasis on the syntax of verbs and the acquisition of terminology and skills to facilitate analysis. Concurrent enrollment in SPAN 322 and/or SPAN 335 recommended for major.
- 307 Advanced Spanish Conversation**3 cr
Prereq: SPAN 204 or placement in SPAN 303; concurrent enrollment in SPAN 303 and oral proficiency exam required along with consent of instructor. Freq: fall.
 Focus on improving oral proficiency through intensive conversation practice. Topics vary. May be repeated as needed for up to 3 elective credits with different topic.
- 318 Spanish Civilization and Culture**3 cr
Prereq: None in English, SPAN 204 in Spanish. Freq: Occasionally.
 Presentation and discussion of historical, philosophical, and artistic elements of the Spanish society. Does not apply for Spanish major unless conducted in Spanish. Offered variously in Spanish or English.
- 319 Latin American Civilization and Culture**3 cr
Prereq: None in English, SPAN 204 in Spanish. Freq: Occasionally.
 Presentation and discussion of historical, philosophical and artistic elements of Latin America. Does not apply for Spanish major unless conducted in Spanish. Offered variously in Spanish or English.
- 321 Spanish and Spanish-American Literature to 1700**3 cr
Prereq: SPAN 204 or equivalent. Freq: Fall.
 Survey of literature of the Spanish-speaking world from beginnings to 1700; includes American Pre-Colombian, Mozarabic, and Andalusian Arabic literature in translation in addition to Spanish literature of the Peninsula and its colonial possessions.
- 322 Spanish Literature Since 1700**.....3 cr
Prereq: SPAN 204 or equivalent. Freq: Spring.
 Survey of Spanish peninsular literature since 1700.
- 335 Spanish-American Literature Since 1700**3 cr
Prereq: SPAN 204 or equivalent. Freq: Spring.
 Survey of Spanish-American literature since 1700.
- 341 Teaching A Foreign Language**3 cr
Prereq: TEDU 210, 230; Admission to TEDU; or consent of instructor. Freq: Occasionally.
 Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course.
- 350 Spanish Phonetics** 3 cr
Prereq: SPAN 204 or equivalent. Freq: Occasionally.
 Theory of Spanish sounds in contrast to English combined with practical laboratory training in pronunciation and orthography. Required of all intending teachers.
- 400 Spanish Medieval Masterpieces**3 cr
Prereq: SPAN 321 or equivalent or consent of instructor. Freq: Occasionally.
 A study of the most significant literary monuments from the 11th century jarchas to La Celestina (end of 15th century).
- 403 Advanced Spanish Grammar**3 cr
Prereq: SPAN 304 or equivalent. Freq: Occasionally.
 Analysis of questions of syntax and style; emphasis on idiomatic Spanish.
- 405 The Spanish Golden Age**3 cr
Prereq: SPAN 321 or equivalent or consent of instructor. Freq: Occasionally.
 Study of the principal genres, authors and works of Spain's classical period from La Celestina through Calderon. Content will vary and course may be taken more than once.
- 413 Translation**3 cr
Prereq: Span 304 or consent of instructor. Freq: occasionally.
 Acquire techniques for translation from English to Spanish. Discuss general theory about common translation problems and practice translation to increase vocabulary and reinforce the structures of the Spanish language.
- 415 Spanish for Journalism**3 cr
Prereq: SPAN 303 or equivalent. Freq: Occasionally.
 Designed to refine writing in Spanish through the process of creating and editing newsworthy articles.
- 416 Children's Literature**.....3 cr
Prereq: SPAN 303 or equivalent. Freq: Occasionally.
 A study of the oral and written literature for children from the pre-Hispanic period to the present. Highly recommended for teacher certification candidates.
- 417 Spanish for Criminal Justice**3 cr
Prereq: SPAN 303 or equivalent. Freq: Occasionally.
 Course will focus on legal terminology and proceedings in order to help police officers and other professionals in criminal justice.
- 418 Medical Spanish**.....3 cr
Prereq: SPAN 303 or equivalent. Freq: Occasionally.
 Introduction to and practice in conversational Spanish medical terminology applicable to the different branches of medical care.
- 419 Spanish for Business**3 cr
Prereq: SPAN 303 or equivalent. Freq: Occasionally.
 The course focuses on business terminology and procedure for Spanish-speaking countries. Emphasis is on written Spanish supplemented by conversational work.
- 420 Modern Spanish Literature**3 cr
Prereq: SPAN 322 or equivalent or consent of instructor. Freq: Occasionally.
 Nineteenth and 20th century masterpieces: novel, poetry, theater, and essay. May be repeated under different subtitles.

- 430 Latin American Literature**.....3 cr
Prereq: SPAN 304 or equivalent or consent of instructor.
Freq: Occasionally.
 Drama, novel, poetry and essay from the colonial period through the 19th century. Content will vary and course may be taken more than once with consent of instructor.
- 435 20th Century Latin American Literature**3 cr
Prereq: SPAN 304 or equivalent or consent of instructor.
Freq: Occasionally.
 Study of the literature of a specific genre, country or period. Course taught in Spanish. Content will vary and course may be taken more than once with consent of instructor.
- 440 Advanced Studies in Hispanic Literature in Translation**3 cr
Prereq: Junior standing. Freq: Occasionally.
 Study of representative Spanish and Latin American works in translation from the standpoint of analytic methods: approaches to critical analysis or problems in the theory of literature (genre theory, comparative study of themes or styles, discussion of literary movements). May be repeated for credit with different subject matters. May not be counted toward Spanish major.
- 475 Translation Internship**1-3 cr
Prereq: SPAN 304 or 306 or equivalent, Spanish major and consent of instructor. Freq: Fall, Spring.
 Translation interns work with area businesses and service agencies to furnish translations from and into Spanish. May repeat for credit.
- 490 Special Topics in Spanish**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in Spanish studies will be examined.
- 494 Fieldwork in Spanish**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Application of Spanish in areas of community concern and in local business and industry. May be repeated for maximum of 6 credits.
- 495 Senior Seminar**.....1 cr
Prereq: Senior standing in Spanish. Freq: Spring
 Students will develop portfolios that highlight their language skills and review/synthesize their course work in the major.
- 499 Independent Study**1-3 cr
Prereq: Junior standing, consent of instructor and department chair. Freq: Occasionally.
 Available to qualified students under supervision of individual instructor. Normally, no more than 6 credits of Independent Study may be counted toward the major.

Courses in Modern Languages (MODL)

The program offers occasionally, under MODL 103 and 104, first-year courses in modern languages other than French, German or Spanish.

- 103 Modern Languages I**4 cr
Prereq: None. Freq: Occasionally.
 Semester I of a modern language other than those regularly offered in the Modern Languages Department. May be repeated with different language content.
- 104 Modern Languages II**.....4 cr
Prereq: MODL 103 or equivalent. Freq: Occasionally.
 Semester II of a modern language other than those regularly offered in the Modern Languages Department. May be repeated with different language content.
- 203 Intermediate Modern Languages I**4 cr
Prereq: MODL 104 in the same language or equivalent.
 Continued training in listening, speaking, reading and writing skills through conversation, composition and grammar review.
- 204 Intermediate Modern Languages II**.....4 cr
Prereq: MODL 203 in the same language or equivalent.
 Continued training in listening, speaking, reading and writing skills through conversation, composition and grammar review.
- 247 Introduction to Modern World Literature**.....3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Spring.
 Broad survey of several national and regional literatures including non-Western literatures, since the Renaissance, exclusive of those of England and the United States. Cross-listed with English 247.
- 499 Independent Study**1-3 cr
Prereq: Junior standing, consent of instructor and department chair. Freq: Occasionally.
 Available to qualified students under supervision of individual instructor.

MASTER OF SCIENCE IN APPLIED MOLECULAR BIOLOGY

Greenquist 344 • 262-595-2744 • Keyword: *Biology*

Degree Offered:

Master of Science.

Participating faculty from Biological Sciences Department

Professors:

Wallen, Ph.D.

Associate Professors:

Gundersen, Ph.D.; Mayer, Ph.D.; Thomson, Ph.D.

Assistant Professors:

Barber, Ph.D.; Higgs, Ph.D.; Pham, Ph.D.; Ruffolo, Ph.D.; Skendzic, Ph.D.

Participating faculty from Chemistry Department

Associate Professor:

Wood, Ph.D.

Goals of the Program

The program provides advanced training in the theory and application of molecular biology, in conjunction with supervised independent research culminating in a research thesis. Graduates perform at an advanced technical level in biotechnology and related industries or continue their education in Ph.D. or professional programs.

The faculty of the Master of Science in Applied Molecular Biology Program have active research programs in the following areas: prokaryotic and eukaryotic gene expression, genome organization, gene structure and DNA-protein interaction, microbial pathogenesis, insect genetics and molecular biology, molecular evolution, phylogenetic analysis, reproductive physiology, enzymology, and protein biochemistry.

Course of Study

There are two routes to a master of science degree in applied molecular biology: (a) a two-year graduate program in which students with a B.S. degree in biology, biochemistry, chemistry, or one of the life sciences may enroll; (b) a five-year combined B.S./M.S. program into which UW-Parkside undergraduates in the molecular biology and bioinformatics major are accepted at the end of their third year. At the end of their fourth year, these students receive a B.S. in molecular biology and bioinformatics.

Summary of Graduate Course Requirements

PLAN A: TWO-YEAR PROGRAM

The curriculum is divided into three components: the core, electives and thesis. A minimum of 30 graduate credits (courses numbered 500-799) are required for the degree. Some graduate courses are cross listed with undergraduate offerings (courses numbered 300-499). These are marked with an asterisk (*) in the list below. Courses taken at the undergraduate level cannot be repeated.

Core

BIOS 675	Advanced Molecular Biology	3 cr
BIOS 731	Seminar in Molecular Biology.	4 cr

Electives

Students must complete a minimum of 6 elective credits. Electives must be approved by the student's thesis committee. Electives will be chosen to complement the student's previous education and experience, and to support the student's educational and career goals.

BIOS 611	Molecular Microbiology	3 cr
BIOS 614	Molecular Evolution*	3 cr
BIOS 653	Molecular Biology and Bioinformatics I: DNA*	4 cr
BIOS 654	Molecular Biology and Bioinformatics II: RNA*	4 cr
BIOS 655	Molecular Biology and Bioinformatics III: Proteins*	4 cr
BIOS 670	Adv. Molecular Genetics	3 cr
BIOS 680	Bioinformatics*	4 cr
BIOS 682	Adv. Bioinformatics: Genomics*	1 cr
BIOS 683	Adv. Bioinformatics: Proteomics*	1 cr
BIOS 690	Adv. Topics in Molecular Biology	1-4 cr
BIOS 699	Independent Study	3 cr
CHEM 620	Advanced Biochemistry*	3 cr

Thesis

Students are required to complete a research thesis. Students enroll in BIOS 711 for 17 credits or less depending on the number of elective credits. Fulfillment of the thesis requirement depends upon satisfactory completion, documentation, and oral presentation of the thesis research, as judged by the student's thesis committee.

PLAN B: COMBINED B.S./M.S. PROGRAM

Students in this program meet Plan A requirements with the following modifications: only 2 credits of BIOS 731 are required; research completed to meet the undergraduate senior thesis requirement may be applied to completion of the M.S. thesis. A minimum of 30 graduate credits (courses numbered 500-799) are required for the degree. Elective course requirements are defined by each student's thesis committee.

Admission Requirements**Plan A: Two-year Program.**

To qualify for admission an applicant must have:

1. B.S. or B.A. degree from a regionally accredited institution.
2. Grade point average (GPA) of at least 3.00 in their major (4.00 basis).
3. Satisfactory Graduate Record Examination scores.
4. Completed the following courses, or their equivalents:

Chemistry: two semesters of general chemistry, two semesters of organic chemistry.

Biology: two semesters of introductory biology with laboratory, one semester of genetics, one semester of biochemistry, one semester of molecular biology with laboratory, and one additional upper-level laboratory course.

Physics: two semesters of physics.

Mathematics: two semesters of calculus, or one semester of calculus and one semester of discrete mathematics or probability.

Plan B: Combined B.S./M.S. program.

Students in the molecular biology and bioinformatics B.S. program can apply for admission to the M.S. program in the spring of their junior year. To qualify for admission an applicant must have:

1. Cumulative GPA of at least 3.30 (4.00 basis).
2. Approval of the Molecular Biology Programs Committee.

Application Procedure

Application materials may be obtained from the Applied Molecular Biology Program Office, Biological Sciences, UW-Parkside, 900 Wood Road, P.O. Box 2000, Kenosha, WI 53141-2000. Applications may also be made online at www.uwp.edu Keyword: *biological sciences*. To apply to the program a student must submit the following:

1. A completed application form.
2. A non-refundable application fee, payable to UW-Parkside.
3. GRE scores and official transcripts sent directly to the Master in Science in Applied Molecular Biology Program office by each undergraduate and post-graduate institution the applicant attended.*
4. Curriculum vitae.*
5. Three letters of recommendation.*

6. (Optional) Additional materials such as those listed below for applicants seeking probationary admission.

* Items marked with an asterisk are not required for students completing their B.S. degree at UW-Parkside.

International students whose native tongue is not English are required to meet the additional requirements in the section "International Students" (use the index of this catalog to find this information).

Admission on Probation

Under unusual circumstances a program faculty member may recommend probationary admission for an applicant who has not met all admission requirements, provided other substantial evidence of capacity to do satisfactory graduate work is presented. This evidence could include letters of recommendation and/or evidence of work experience related to the program. Students missing one or more prerequisites or courses will be considered for probationary admission. Deficiencies must be made up by the end of the first year of enrollment.

Financial Assistance

Stipends (research assistantships, traineeships) are available to a limited number of students; most cover only part of the cost of attendance.

Continuation

1. The Master of Science in Applied Molecular Biology Program requires a cumulative GPA of 3.00 (B) or better in all graduate courses taken in the program unless conditions for probationary status require higher grades.
2. With approval of the department's graduate committee, students with a grade of C in a graduate course may be allowed to continue. However, a maximum of two C's is allowed.
3. Students who have finished all course and credit requirements (30 credits) and are still working on a thesis project require a continuous registration of at least 1 credit each fall and spring semester. Students who have not maintained continuous registration must apply for reinstatement.
4. Students should select a faculty adviser at the time of matriculation or at least by the end of the first semester. With the assistance of the adviser, the student will formulate a research problem. The adviser will provide space, equipment and supplies, and technical assistance when possible. By the end of the first semester, the student should select a thesis committee that consists of the faculty adviser and two other faculty members. The thesis committee provides oversight of the student's research progress and approves the student's course of study. The program culminates in a written thesis that thoroughly documents the research activity, and an oral presentation open to the public.

Time Limit

It is expected that most students will complete the degree within two years. A candidate for the M.S. degree who fails to complete the degree within three years will be placed on probation for one semester before being dropped from the program. Exceptions to this limit require authorization by the Molecular Biology Programs Committee.

Transfer Student Admissions

Transfer applicants who are admitted to the Master of Science in Applied Molecular Biology Program receive a statement of advanced standing indicating which courses have been accepted from the previous institutions and how they equate to UW-Parkside courses; the statement also identifies their adviser. Students should contact their adviser as soon as possible after receiving the statement of advanced standing. Generally, students are allowed to transfer up to 12 credits of graduate work from regionally accredited institutions.

Biology (BIOS) Courses In Applied Molecular Biology

503 Microbiology4 cr

Prereq: BIOS 101 and 102 and CHEM 322, or consent of instructor. Freq: Spring.

Advanced investigation into microbial structure and growth, microbial genetics, microbial pathogenesis, medical microbiology, and microbial ecology. Three-hour lecture; one three-hour lab.

509 Molecular Biology.....3 cr

Prereq: BIOS 260, CHEM 322 or consent of instructor. Freq: Spring.

Regulation of DNA, RNA, and protein synthesis and the control of the synthesis of other macromolecules. Three-hour lecture/discussion.

611 Microbial Pathogenesis3 cr

Prereq: An upper-level course in microbiology or molecular biology, or consent of instructor. Freq: Alternate years.

Focus on the concepts of microbial molecular biology and their application to current biotechnology.

614 Molecular Evolution.....3 cr

Prereq: BIOS 309 (or 509) or 314, or consent of instructor. Freq: Alternate Springs.

The evolution of nucleic acids and proteins. Five major topics are considered in turn: genetic variability; the causes of molecular evolution and the neutral theory; methods of detecting genetic variability; the use of molecular markers for estimating phylogeny; and the evolution of genome structure. Three-hour lecture/discussion.

653 Molecular Biology and Bioinformatics I: DNA.....4 cr

Prereq: BIOS 240 (or 301 and 307), 309 (or 509), 260, and consent of instructor. Freq: Fall.

Techniques and theory of DNA isolation and analysis including laboratory and computational methods. Eight-hour lecture/lab.

654 Molecular Biology and Bioinformatics II: RNA.....4 cr

Prereq: BIOS 240 (or 301 and 307), 309 (or 509), 260, and consent of instructor. Freq: Fall.

Theory and techniques for investigating RNA. Common laboratory methods for isolating and characterizing RNA will be performed. In addition, computer applications will be used to study RNA bioinformatics, structure, and function. Eight-hour lecture/lab.

655 Molecular Biology and Bioinformatics III: Proteins...4 cr

Prereq: BIOS 240 (or BIOS 301 or BIOS 307), 309 (or 509), 260, and consent of instructor. Freq: Spring.

The role of proteins in biology will be assessed, providing both an understanding of these macromolecules and practical experience in biochemistry. In particular, comprehension of protein characteristics and function will be emphasized to provide insight into cell physiology or functional genomics. Eight-hour lecture/lab.

670 Advanced Molecular Genetics3 cr

Prereq: BIOS 309 (or 509), 260 and consent of instructor. Freq: Occasionally.

In-depth coverage of selected current research topics in the molecular genetics of genomes, gene and gene expression.

675 Advanced Molecular Biology.....3 cr

Prereq: BIOS 309 (or 509), 260 and consent of instructor. Freq: Fall.

In-depth coverage of selected current research topics in the molecular biology of DNA replication, transcription, translation, and other current topics of molecular biology.

680 Bioinformatics4 cr

Prereq: BIOS 309 (or 509), 260, and consent of instructor. Freq: Fall.

Various aspects of bioinformatics relating to data management, data discrimination, genomics, and proteomics will be introduced to students. Lectures and computer-based exercises will emphasize basic theory and applications of this information in today's world. Three-hour lecture, three-hour lab.

682 Advanced Bioinformatics: Genomics.....1 cr

Prereq: BIOS 480. Freq: Occasionally.

Theory and techniques will be presented to provide students with a perspective on the essence of life: genomic sequences. Lectures and computer-based exercises will emphasize the information content of genomic DNA and its application in today's world. Two-hour lecture/lab.

683 Advanced Bioinformatics: Proteomics.....1 cr

Prereq: BIOS 480, consent of instructor. Freq: Occasionally.

The field of bioinformatics has revolutionized the study of gene expression. A combination of lecture, lab, and computer-based exercises will provide students with expertise in the use of bioinformatic tools to assess gene expression and functional genomics. Two-hour lecture/lab.

699 Independent Study1-3 cr

Prereq: Written consent of instructor. Freq: Fall, Spring.

Advanced study performed under the supervision of a regular faculty member. Suitability as an elective for the master's of applied molecular biology is determined on a case-by-case basis by the MAMB program committee.

- 711 Thesis1-9 cr
Prereq: Written consent of instructor. Freq: Fall, Spring.
Dissertation for master of science in applied molecular biology. Graded on a credit/no credit basis.
- 731 Seminar in Molecular Biology.....1 cr
Prereq: BIOS 309 (or 509) and consent of instructor.
Freq: Fall, Spring.
Research reports, special topics, and reports from recent literature in molecular biology or biotechnology. Graded on a credit/no credit basis.

Chemistry (CHEM) Courses In Applied Molecular Biology

- 620 Advanced Biochemistry.....3 cr
Prereq: BIOS 240 or CHEM/BIOS 307 or CHEM 324 or consent of instructor. Freq: Spring, even years.
Advanced topics in biochemistry including thermodynamics, protein structure, and enzyme kinetics and mechanisms. Not open to students with credit in CHEM 410.

MASTER OF SCIENCE IN COMPUTER AND INFORMATION SYSTEMS

Molinaro 248 • 262-595-2314 • Keyword: *Computer Science*

Degree offered:

Master of Science.

Participating faculty from the Computer Science Department

Professors:

Fossum, Ph.D.

Associate Professors:

Haller, Ph.D.; Hansen, Ph.D.

Assistant Professors:

Lincke-Salecker, Ph.D.

Participating faculty and staff from the Business Department

Associate Professors:

Baldwin, Ph.D.; Chalasani, Ph.D.; Hawk, Ph.D.

Assistant Professor:

Zheng, Ph.D.

Lecturer:

Witt, M.S.

Goals of the Program

The Master of Science in Computer and Information Systems (MSCIS) Program is intended to increase the supply of high quality information technology professionals in the region and to contribute to the professional advancement of our region's information technology workforce. The degree program draws on the strengths of UW-Parkside's faculty and computing resources in both computer science (CS) and management information systems (MIS). Graduates of this program will have up-to-date information technology knowledge and skill, and practical experience with information systems development and deployment.

The MSCIS program targets two populations of prospective students: those who have undergraduate degrees in non-technical fields and who wish to gain credentials as information technology professionals, and those who have undergraduate degrees with preparation in technical fields – including those with degrees in CS or MIS – and who wish to advance themselves technically and professionally.

Degree Requirements

The MSCIS degree requirements consist of 30 credits distributed as follows: 9 credits in foundations classes, 18 credits in core classes, and 3 credits in electives. A student must maintain a UW-Parkside GPA of 3.0 or better in the required course work.

The MSCIS degree does not require a thesis.

A student who has insufficient preparation in mathematics or programming must take appropriate prerequisites as determined by the student's adviser.

1. Prerequisites (0-13 credits, depending on background):

MATH 142 Calculus with Business and
Social Science Applications 3 cr

or

MATH 221 Calculus and Analytic Geometry 5 cr
CSCI 241 Computer Science I 4 cr
CSCI 242 Computer Science II. 4 cr

2. Foundations (9-10 credits):

CIS 528 Database Management Systems 3 cr

or

CIS 580 Files and Databases 4 cr
CIS 527 Business Data Communications 3 cr

or

CIS 624 Advanced Business Data
Communications 3 cr

or

CIS 677 Computer Communications
and Networks 3 cr

CIS 625 Systems Analysis and Design 3 cr

or

CIS 675 Software Engineering Principles
and Practice 3 cr

Foundations courses with a CS emphasis are CIS 580, 675, and 677. Foundations courses with an MIS emphasis are CIS 527, 528, 624, and 625. Students with an undergraduate degree in CS must take all MIS emphasis foundations courses (choosing one of CIS 527 and CIS 624), and students with an undergraduate degree in MIS must take all CS emphasis foundations courses.

3. Core (18 credits):

CIS 721 Enterprise Computing 3 cr
CIS 725 Information Systems Policy
and Strategy 3 cr

CIS 745 Web Programming 3 cr
CIS 775 Software Engineering/
Project Management 3 cr

CIS 780 Advanced Databases 3 cr

CIS 790 Special Topics in CIS 3 cr

4. Elective (3 - 4 credits):

Choose from:

CIS 605	Artificial Intelligence	3 cr
CIS 609	Introduction to Human- Computer Interfaces	3 cr
CIS 640	Compiler Design and Implementation .	4 cr
CIS 644	Event-Driven Programming	3 cr
CIS 723	Management of E-Commerce.	2 cr

and concurrent registration with the same instructor in

CIS 727	Business Process Improvement	2 cr
CIS 796	CIS Project	1 cr

and concurrent registration with the same instructor in

CIS 796	CIS Project	1 cr
CIS 799	Independent Study	3-4 cr

Admission Requirements

To qualify for admission into the MSCIS program, an applicant must have:

1. A bachelor's degree from an accredited institution with an undergraduate GPA (UGPA) of at least 3.0 on a 4.0 scale
2. Submission of GMAT (Graduate Management Admission Test) or GRE (Graduate Record Examination) exam scores. The GMAT score + 200 times the UGPA must exceed 1000, or the sum of the GRE general aptitude quantitative and analytical scores must exceed 1100.
3. Completion of the prerequisite courses (or their equivalents): MATH 142 or 221, CSCI 241, CSCI 242. Students with a recent undergraduate degree in CS or MIS may be waived from this requirement.
4. Submission of a letter of application outlining professional goals.
5. Receipt of three letters of recommendation indicating promise for success in graduate studies.

At the discretion of the program faculty, students with minor deficiencies in items 1 and 2 may be conditionally accepted into the MSCIS program if they can otherwise demonstrate significant potential for success.

Application Procedure

Application materials may be obtained from the Computer Science Department office:

MSCIS Program
 Computer Science Department
 University of Wisconsin-Parkside
 900 Wood Road
 P.O. Box 2000
 Kenosha WI 53141-2000

An application is complete when all of the following materials have been received:

1. A completed application form, along with the application fee payment.
2. GRE or GMAT scores and official transcripts of all undergraduate and graduate work sent directly to the Computer Science Department office.
3. Letter of application.
4. Three letters of recommendation sent directly to the Computer Science Department office.
5. Additional materials in support of the applicant, as appropriate.

Contact the Computer Science Department office for information about application deadlines.

Course Restrictions

Students must maintain a GPA of 3.0 in all course work required for the MSCIS degree to continue in the degree program.

Disruption of Studies

Students are expected to complete MSCIS degree requirements in two to three years, depending on preparation. An MSCIS degree candidate who fails to complete the degree within five years after admission will be dropped from the program. A degree candidate who does not enroll in an MSCIS course within a period of 12 months must apply for readmission.

Transfer Students

Students may transfer up to 12 credits of graduate work taken at another institution, subject to equivalence with MSCIS courses. Only courses with a grade of B (3.0 on a 4.0 scale) or better will be accepted. Transfer courses are not counted toward the UW-Parkside GPA requirement of 3.0 in MSCIS course work.

Graduate Courses (CIS)

527 Business Data Communications 3 cr
Prereq: Consent of Instructor. Freq: Spring.
 Fundamental principles of data communication, analysis and design of computer communication networks ranging from LAN to global networks, state-of-the-art communication technology, network monitoring and management. Not open to those with credit in MIS 327.

528 Database Management Systems 3 cr
Prereq: Consent of instructor. Freq: Spring.
 Data modeling techniques including object-oriented modeling, database systems concepts, use of structured query language for information processing, client/server architecture, and distributed databases. Not open to those with credit in MIS 328.

GRADUATE PROGRAMS

- 547 Programming and Data Structures**.....3 cr
Prereq: MATH 142 or 221. Freq: Occasionally.
 Essentials of programming in a high-level, object-oriented language including data management and control structures, inheritance and polymorphism, elementary data structures, sorting and searching, and algorithm analysis. Laboratory work included.
- 548 Algorithms and Programming Languages**3 cr
Prereq: CIS 547. Freq: Occasionally.
 Nonlinear data structures and search strategies, concurrent programming, design patterns, language taxonomy, name-value bindings and scoping. Laboratory work included.
- 580 Files and Databases**.....4 cr
Prereq: Consent of instructor. Freq: Fall.
 The relational model, database design, SQL, non-relational database models, operational considerations, and distributed and object-oriented databases. Not open to those with credit in CSCI 380.
- 605 Artificial Intelligence**.....3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Background on Artificial Intelligence (AI) and AI techniques including search, game playing, and knowledge representation. Specific sub-disciplines of AI including natural language processing and robotics. Programming assignments in LISP. Not open to those with credit in CSCI 405.
- 609 Introduction to Human-Computer Interfaces**.....3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 An introduction to the field of human-computer interaction including the user interface process, human memory, perception, and motor abilities as they relate to user interface design; user task performance measurement and analysis. Project work included. Not open to those with credit in CSCI 409.
- 624 Advanced Business Data Communications**3 cr
Prereq: Consent of instructor. Freq: Fall.
 Fundamentals of transmission protocols and network services. Setting up and configuring network protocols, routing, security, and networking services such as name resolution and dynamic addressing. Lab exercises and case studies. Not open to those with credit in MIS 424.
- 625 System Analysis and Design**.....3 cr
Prereq: Consent of instructor. Freq: Fall.
 System development using the life cycle, rapid application development, prototyping, software acquisition, structured and object-oriented techniques and project management. Not open to those with credit in MIS 425.
- 640 Compiler Design and Implementation**4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Theory, design and implementation of compilers and other syntax-directed systems. Applies techniques of finite state machines, lexical analysis, symbol tables, parsing, storage allocation and code generation to the development of a compiler. Laboratory work included. Not open to those with credit in CSCI 440.
- 644 Event-Driven Programming**.....3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Origins of events; the event-driven programming model; interrupt processing as event handling; client-server architectures; windowing environments and GUI programming; development support software; and case studies. Project work included. Not open to those with credit in CSCI 444.
- 675 Software Engineering Principles and Practice**3 cr
Prereq: Consent of instructor. Freq: Fall.
 Software design as an engineering discipline; project management, verification and validation, software engineering models, measurements, cost estimation, and formal methods. Not open to those with credit in CSCI 475.
- 677 Computer Communications and Networks**3 cr
Prereq: Consent of instructor. Freq: Spring.
 Transmission protocols, layered network protocols, network topology, message routing, performance analysis, security, and case studies. Not open to those with credit in CSCI 477.
- 721 Enterprise Computing**3 cr
Prereq: Consent of instructor. Freq: Fall.
 Introduction to distributed component architectures, integrating diverse applications within distributed heterogeneous environments, mechanisms for inter-process communication in distributed systems. Project work included.
- 723 Management of Electronic Commerce**2 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Electronic commerce (e-commerce) technology, developing an e-commerce architecture, business-to-consumer and business-to-business e-commerce, e-commerce planning, and social implications.
- 727 Business Process Improvement**.....2 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Cost reduction, service improvements, supply chain management, and time-to-product speedups through information technology; business process improvement (BPI) methodologies; analysis, modeling, and redesign of a system. Case studies and projects included.
- 725 Information Systems Policy and Strategy**.....3 cr
Prereq: Consent of instructor. Freq: Fall.
 The management of Information Technology (IT) and Information Systems (IS) from the perspective of upper management, covering IT strategic planning, IS organizational structures, human resource planning, and control structures. Cases, executive presentations, and project work included.
- 745 Web Programming**.....3 cr
Prereq: Consent of instructor. Freq: Spring.
 Essentials of developing and deploying robust applications for the World Wide Web, including client-side markup languages and scripting, applets, client/server communication, server-side applications, database connectivity, distributed components, and multi-tiered architectures.

775 Software Engineering/Project Management3 cr

Prereq: CIS 625 or 675. Freq: Summer.

Software development from an engineering perspective including software development models, team organization and management, implementation strategies, software testing and verification, and project cost estimation. Students will demonstrate their mastery of software engineering design and development strategies through implementation of a significant team-based project.

780 Advanced Databases.....3 cr

Prereq: CIS 528 or 580. Freq: Summer.

Topics in database theory, operations and applications including physical database design, data warehousing and mining, transactions, concurrency control, recovery, decision support systems, query optimization, data security, and parallel/distributed system architectures. Significant team project included.

790 Special Topics in CIS.....3 cr

Prereq: Consent of instructor. Freq: Spring.

In-depth study of new and/or special-interest subject areas within the discipline. Subject selection will vary from offering to offering.

793 Internship in Computer Information Systems1-2 cr

Prereq: Consent of instructor. Freq: Fall, Spring, Summer.

Participation in the technical activities of an ongoing organization under the joint guidance and supervision of a member of the organization and a member of the faculty. Grading will be on a credit/no-credit basis. A student may register and receive credit in this course for a maximum of 6 credits.

796 CIS Project1 cr

Prereq: Consent of instructor. Freq: As needed.

Completion of a CIS project in conjunction with another 600- or 700-level CIS course; includes project documentation and oral and written reports.

799 Independent Study1-4 cr

Prereq: Consent of instructor. Freq: Fall, Spring.

Independent work on a specific problem in CIS under the supervision of faculty.

MUSEUM STUDIES

Greenquist 318 • 262-595-2177

Degrees Offered:

None. A certificate in museum studies is offered.

Coordinator:

Sasso, Ph.D.

Program Overview

Museum studies is an interdisciplinary certificate program designed to provide students with an introduction to the diverse aspects of museum work, information concerning opportunities for employment in museums and related institutions (such as archives and public history parks), and hands-on experience, including formal internships in local museums. The certificate program provides a solid background for interested students in such fields as anthropology, art, art history, history, and other fields to pursue graduate degrees in museum studies and employment in museums.

Internships

An internship in museum studies is required, allowing students to gain practical experience working in an art, history, or public museum.

Requirements for Museum Studies Certificate (15 credits)

Content Courses (6 credits; at least 3 credits from a discipline outside of the student's major)

ART 125	Foundations of Art History I, Ancient to Medieval	3 cr
ART 126	Foundations of Art History II, Renaissance to Modern.	3 cr
ART 343	History of Modern European Art	3 cr
ART 345	History of Modern American Art	3 cr
HIST 102	The United States, Reconstruction to Recent Times	3 cr
HIST 201	Technology and work in Modern America.	3 cr
HIST 225	Environmental History of North America	3 cr
HIST 302	Race/Ethnicity United States of America 1890 to the Present.	3 cr
HIST 307	History of Wisconsin	3 cr
HIST 341	The Urbanization of the United States.	3 cr
SOCA 202	Cultural Anthropology	3 cr
SOCA 204	Human Evolution.	3 cr
SOCA 208	Introduction to Archaeology.	3 cr
SOCA 226	Peoples of Africa.	3 cr
SOCA 227	North American Indians.	3 cr
SOCA 327	Archaeology of North America.	3 cr

Methods Course (3 credits)

HIST 250	Sources and Methods in History.	3 cr
SOCA 300	Data Collection and Analysis: Museum Studies	3 cr

Note: SOCA 295 is a prerequisite for SOCA 300 for sociology/anthropology majors.

Internship (3 credits up to 10 credits)

ART 494	Art Internship.	3 cr
ARMA 494	Arts Management Internship	3 cr
HIST 494	History Internship (focusing on museum internship).	3 cr
SOCA 491	Anthropology Fieldwork (focusing on museum internship).	3 cr
SOCA 492	Internship in Sociology (focusing on museum internship).	3 cr

Arts Management Course (3 credits)

ARMA 346	Managing Arts and Cultural Organizations	3 cr
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UNDERGRADUATE PROGRAMS

MUSIC

Communication Arts 285 • 262-595-2457 • Keyword: *Music*

Degree Offered:

Bachelor of Arts in Music.

Professors:

Kinchen, Ed.D.; McKeever, D.M.A.

Associate Professors:

Bell, M.M.E.; Crowley, D.M.; Eichner, M.M. (Chair)

Assistant Professor:

Garcia, M.M.

Lecturer:

Bouterse, M.M.

Student Organizations/Clubs:

Music Club

Career Possibilities:

Many career opportunities are available to graduates in the field of music. Opportunities for teaching music include instruction at the elementary, secondary and university levels. In addition, many musicians teach independently, establishing their own music studios and working with students of all ages.

Although opportunities in the area of full-time professional performance are limited, many musicians perform on a part-time basis. Students who seek performance careers should consider continued studies in a graduate school of music. Beyond the fields of teaching and performing, career opportunities exist in many related areas such as music publishing, radio and television, arts management, recording engineering, arranging, sales, manufacturing, and various aspects of the music business. Accomplished musicians are vital to and needed in all areas of the music profession.

Department Overview

The Music Department is staffed by a faculty of highly qualified teaching performers who have extensive concert experience and are active in teaching, research and performance. Their skills span all areas of undergraduate music study, and students can expect to receive excellent training in the applied and academic branches of music. Music faculty members maintain high professional standards in the education and training of students.

All music majors complete the requirements of the bachelor of arts in music degree. Students who want to prepare for careers in music education, performance, or arts management should complete additional course work in the appropriate concentration.

Requirements for Admission to the Music Major

An audition/interview and faculty approval is required for admission to the music major or minor. Auditions are held in January, February, March, May, and August. Prospective students who audition before March 31 may be eligible for scholarship consideration. For detailed audition information and registration, contact the Music Department Office at 262-595-2457.

Entrance into the music program later than the freshman year will prolong the time required to complete the degree. Courses should be taken in the sequence outlined in the official UW-Parkside Handbook for Music Majors. Students who take fewer credits than the recommended course load will prolong the time required for graduation. The handbook may be viewed or downloaded at www.uwp.edu/academic/music/Handbook.html.

Applied music courses on all levels are available to music majors/minors in piano, organ, voice, trumpet, horn, baritone, trombone, tuba, violin, viola, cello, double bass, flute, oboe, clarinet, saxophone, bassoon, percussion and classical guitar. Concurrent registration in an academic course in music and appropriate ensemble participation is required.

Requirements for the Bachelor of Arts in Music

The Music Department offers a 50-credit program leading to the bachelor of arts degree with a major in music. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Each music major must pass a keyboard proficiency examination. This examination must be prefaced with Keyboard Musicianship IV. The following courses or their equivalent are required:

Core Courses:

MUS 001	Concert Attendance (6 semesters with a grade of "CR")	0 cr
MUS 121	Music Theory I	2 cr
MUS 122	Music Theory II	2 cr
MUS 125	Aural Music Theory I	2 cr
MUS 126	Aural Music Theory II	2 cr
MUS 202	Music Literature	3 cr
MUS 221	Music Theory III	2 cr
MUS 222	Music Theory IV	2 cr
MUS 321	Music Theory V	3 cr
MUS 225	Aural Music Theory III	2 cr
MUS 226	Aural Music Theory IV	2 cr
MUS 242	Keyboard Musicianship IV	2 cr
MUS 413	History of Western Music I	3 cr

MUS 414	History of Western Music II	3 cr
MUS 430	Analytic Techniques	2 cr
Major Applied Instrument *		12 cr
Music Electives (upper level)**		6 cr
Total		50 cr

* Completion of the second semester 300-level course appropriate to the student's principal instrument.

** Students who complete concentrations in teacher licensure or performance are exempt from this requirement. However, 36 credits in upper-division course work are required of all students.

For students whose primary instrument is voice, enrollment in Chorale is required in every semester of full-time enrollment. For students whose primary instrument is an orchestral string instrument, enrollment in Parkside Symphony is required in every semester of full-time enrollment. For students whose primary instrument is a band instrument, enrollment in Wind Ensemble is required in every semester of full-time enrollment. For students whose primary instrument is classical guitar, four semesters of large ensemble (Chorale, Parkside Symphony, or Wind Ensemble) and four semesters of guitar ensemble enrollment are required.

Students admitted to the jazz studies concentration are required to enroll in Jazz Ensemble in every semester of full-time enrollment and complete at least four semesters of concurrent enrollment in a large ensemble (Chorale, Parkside Symphony, or Wind Ensemble).

For students whose primary instrument is a keyboard instrument, ensemble enrollment is required every semester in which such students are registered as full-time students. At least 4 of these credits must be in a large ensemble (listed above). At least 2 of these credits must be in keyboard accompanying and chamber music performance.

Students who pursue a music degree through part-time enrollment are required to participate in a large ensemble in at least six semesters.

Degree Options in Music Education

Concentrations IA, IB, IC

Students may elect to pursue Wisconsin Department of Public Instruction teacher licensure in instrumental music, choral music, or general music. Students should consult the UW-Parkside Catalog and their academic adviser for the current requirements in professional education. All required music courses and proficiency requirements must be completed before student teaching. Students must apply for admission to the teacher education program and gain acceptance before taking most professional education courses.

Application for student teaching must be made one full semester preceding enrollment. Additional information about the teacher education program and licensure can be obtained from the teacher education adviser at 262- 595-2100.

Instrumental Music (early childhood through adolescence), Concentration IA

In addition to the requirements of the bachelor of arts in music, the following courses are required for teacher licensure:

MUS 181	Basic Voice for Instrumentalists	1 cr
MUS 302	Conducting	2 cr
MUS 271	Brass Techniques	2 cr
MUS 273	Percussion Techniques	1 cr
MUS 274	String Techniques	2 cr
MUS 275	Woodwind Techniques	2 cr
MUS 342	Instrumental Materials and Methods	3 cr
MUS 355	Instrumental Conducting	2 cr
MUS 423	Orchestration	2 cr
Secondary Applied Instrument		1 cr
(voice, or any instrument except guitar)		

Choral Music (early childhood through adolescence), Concentration IB

In addition to the requirements of the bachelor of arts in music, the following courses are required for teacher licensure:

MUS 302	Conducting	2 cr
MUS 272	Instrumental Techniques (Fretted and Classroom Instruments)	2 cr
MUS 341	Vocal Materials & Methods	3 cr
MUS 356	Choral Conducting & Arranging	3 cr
Secondary Applied Piano		2 cr

Students whose major applied instrument is not voice must take MUS 180 or 181, followed by three semesters of applied voice.

General Music (early childhood through adolescence), Concentration IC

In addition to the requirements of the bachelor of arts in music, the following courses are required for teacher licensure:

MUS 302	Conducting	2 cr
MUS 272	Fretted and Classroom Instruments	2 cr
MUS 343	General Music Materials and Methods: Childhood	2 cr
MUS 344	General Music Materials and Methods: Adolescence	2 cr
MUS 356	Choral Conducting and Arranging	3 cr
or		
MUS 355	Instrumental Conducting	2 cr
MUSA 010	Secondary Applied Piano	2 cr

Students whose major applied instrument is not voice must take MUS 180 or 181, followed by three semesters of applied voice.

Piano Pedagogy and Literature, Concentration ID

This concentration prepares keyboard students for a career in private piano teaching. Students planning to attend graduate school will have excellent preparation and will be strong candidates for teaching assistantships. This program does not culminate in teacher licensure from the Wisconsin Department of Public Instruction. The program includes the bachelor of arts in music requirements, plus the following 14 credits:

MUS 305	Piano Pedagogy	2 cr
MUS 306	Advanced Piano Pedagogy	2 cr
MUS 450	Piano Teaching Practicum	2 cr
MUS 460	Seminar in Piano Literature and Performance (4 semesters)	8 cr

Music majors in the piano pedagogy and literature concentration begin course work as second-year students, after completion of the music theory prerequisite course work. The six-semester sequence can be started in the fall semester of any year, resulting in a four-year degree plan.

Degree Options in Performance

Music Performance, Concentration IIA

Students who aspire to a career in professional performance should plan on pursuing advanced studies in a graduate school of music. The music performance option is designed to give students a thorough background appropriate for acceptance into a graduate program in applied music. An audition is required for acceptance into the music performance concentration.

The program includes the bachelor of arts in music requirements, plus the following 15-16 credits:

All students:

	Applied Music at the 400 level	4 cr
MUS 497	Solo Recital (junior level)	1 cr
MUS 497	Solo Recital (senior level)	2 cr

For students whose primary instrument is voice:

MUS 307	Diction I	2 cr
MUS 308	Diction II	2 cr
MUS 302	Basic Conducting	2 cr
MUS 356	Choral Conducting and Arranging	3 cr

For students whose primary instrument is an orchestral instrument, band instrument, or classical guitar:

MUS 302	Basic Conducting	2 cr
MUS 361-366	Chamber Music Ensemble	4 cr

And one of the following elective choices:

MUS 355	Instrumental Conducting	2 cr
MUS 395	Music Business Seminar	2 cr
MUS 499	Independent Study	2 cr

For students whose primary instrument is piano:

MUS 333	Advanced Keyboard Accompanying/ Chamber Music Performance	4 cr
MUS 460	Seminar in Piano Literature and Performance Practice	4 cr

Students are required to submit an application for recital approval in the semester preceding their junior and senior recitals.

Musical Theatre, Concentration IIB

This program provides entry-level skills for music theatre stage performers. The program includes the bachelor of arts in music requirements, plus the following 26 credits:

THEA 125	Acting I	3 cr
THEA 225	Acting II	3 cr
THEA 325	Acting III	3 cr
THEA 426	Acting for Music Theatre	3 cr
THEA 117	Theatre Dance I	2 cr
THEA 217	Theatre Dance II	2 cr
HPEA 240	Ballet	2 cr
HPEA 242	Jazz Dance	2 cr

Performance requirement (6 credits):

THEA 014, 214, 314	Acting Practicum (role in a musical) . . .	1-3 cr
MUS 427	Music Theatre Workshop	2 cr

Jazz Studies, Concentration IIC

This program supplements the music major with additional study and experience in jazz improvisation, jazz performance styles, and academic study of jazz history and jazz theory.

The program includes the bachelor of arts in music requirements, plus the following 15 credits:

MUS 223	Jazz Fundamentals	2 cr
MUS 224	Jazz Improvisation I	1 cr
MUS 323	Jazz Improvisation II	1 cr
MUS 324	Jazz Improvisation III	1 cr
MUS 207	Jazz History	3 cr
MUS 407	Jazz Styles	2 cr
MUS 395	Music Business Seminar	2 cr
MUS 425	Jazz Arranging	3 cr

Degree Option in Arts Management, Concentration III

Arts management is an interdisciplinary program providing entry-level skills for a position in a cultural organization, an independent music business or corporate environment. The program includes the bachelor of arts in music requirements, plus the following 21 credits:

MKT 350	Introduction to Marketing	3 cr
or		
COMM 326	Marketing Communication and Society . . .	3 cr

UNDERGRADUATE PROGRAMS

ACCT 201	Financial Accounting	3 cr
or		
ACCT 204	Accounting for Non-Business Majors . . .	3 cr
ARMA 346	Managing Arts and Cultural Organizations	3 cr
ARMA 347	Studies an Arts Marketing	2 cr
ARMA 494	Arts Management Internship	3 cr
ARMA 495	Seminar in Arts Management	2 cr
MUS 395	Music Business Seminar	2 cr

Elective

Choose one of the following 3 credit courses:

COMM 105	Public Speaking	3 cr
COMM 202	Group Communication	3 cr
COMM 305	Public Relations and Society	3 cr
HRM 343	Personnel Administration	3 cr
MGT 349	Organizational Behavior	3 cr
MKT 358	Promotional Management	3 cr

Requirements for the Music Minor

The objective of the music minor is to provide students from any area of study with the opportunity to be introduced to the field of music through theoretical, historical and performance experiences. Twenty credits consisting of the following courses or their equivalents must be completed. An audition is required.

MUS 001	Concert Attendance (2 semesters with a grade of "CR")	0 cr
MUS 121	Music Theory I	2 cr
MUS 122	Music Theory II	2 cr
MUS 125	Aural Music Theory I	2 cr
MUS 126	Aural Music Theory II	2 cr
MUS 142	Keyboard Musicianship II	2 cr
MUS 202	Music Literature	3 cr
MUS 313	Music in Western Civilization I	3 cr
or		
MUS 314	Music in Western Civilization II	3 cr
MUSA	Major Applied Instrument	2 cr
MUS 102	Large Music Ensemble	2 cr
Total		20 cr

Music minors may continue applied music study beyond minimum requirements if concurrently enrolled in the appropriate large ensemble.

Certificate in Piano Pedagogy and Literature

The certificate in piano pedagogy and literature offers a program of professional preparation for teachers and students pursuing careers in piano teaching. A working knowledge of the theoretical foundations of music is essential for participants in this program. This may be accomplished by completion of Music Theory and Aural Theory I and II at UW-Parkside or by transfer. Students may also demonstrate proficiency in these areas by examination.

The certificate consists of 18 credits, including the following courses:

MUSA 110/111	Applied Piano (2 semesters)	4 cr
MUS 305	Piano Pedagogy	2 cr
MUS 306	Advanced Piano Pedagogy	2 cr
MUS 450	Piano Teaching Practicum	2 cr
MUS 460	Seminar in Piano Literature and Performance Practice (4 semesters)	8 cr

Courses in Music (MUS)

- 001 Concert Attendance** 0 cr
Prereq: Music major or minor. Freq: Fall, Spring.
 The attendance of a minimum of 14 music programs selected from an approved concert calendar for the purpose of broadening the student's musical experience.
- 100 The World of Music** 3 cr
Prereq: None. Freq: Fall.
 Introduces the many styles and types of music heard in America today; explores contributions made by cultures from around the world.
- 101 Fundamentals of Music** 3 cr
Prereq: None. Freq: Fall, Spring.
 Designed to acquaint the student with a basic music vocabulary. Includes study of notation, scales, melody and basic harmony. Open to all students.
- 102 Large Music Ensemble**
Prereq: None. Freq: Fall, Spring.
 Study and performance of music in the genres and historical styles appropriate to a variety of choral and instrumental ensembles. Chorale, Voices of Parkside, Master Singers, Jazz Ensemble, Wind Ensemble, Community Band, Parkside Symphony, and Community Orchestra are offered every semester.
- 103 Keyboard Accompanying and Chamber Music Performance** 1 cr
Prereq: None. Freq: Fall, Spring.
 Coaching for performance, including the study of accompanying technique, balance, instrumental color, vocal texts, articulation, style and pedaling. May be repeated for credit.
- 113 Vocal Jazz Ensemble** 1 cr
Prereq: Audition and concurrent enrollment in Chorale, Voices of Parkside, or Master Singers. (MUS 102). Freq: Fall, Spring.
 A small ensemble committed to study and performance of vocal jazz literature.
- 121 Music Theory I** 2 cr
Prereq: Music major, minor or consent of instructor; concurrent registration in MUS 125. Freq: Fall.
 This course develops the fundamentals of music, in depth. Studies include notation, acoustics, scales, rhythm, diatonic harmony, melody, intervals, keys and chord functions. Other topics include figured bass, melodic composition, Roman numeral analysis, and the principles of four-part writing.

- 122 Music Theory II**2 cr
Prereq: Grade of C in MUS 121, concurrent registration MUS 126. Freq: Spring.
 This course expands topics presented in Music Theory I and introduces harmonic progression, non-chord tones, cadences, phrase and period structure, dominant seventh chords, and harmonization of melodies. Includes projects in analysis and composition.
- 125 Aural Music Theory I**2 cr
Prereq: Music major, minor or consent of instructor, concurrent registration in MUS 121. Freq: Fall.
 Sight singing and aural recognition of the elements of tonal music including intervals, harmony, melody, rhythm and tonality.
- 126 Aural Music Theory II**.....2 cr
Prereq: MUS 121 and 125 (minimum grade of C in 125) or equivalent; concurrent registration MUS 122. Freq: Spring.
 Continuation of Aural Music Theory I with an emphasis on aural recognition of the elements of 18th-century music.
- 141 Keyboard Musicianship I**2 cr
Prereq: Music major, minor or consent of instructor. Freq: Fall.
 Basic piano literature, development of keyboard sight reading, harmonization, transposition and improvisation.
- 142 Keyboard Musicianship II**.....2 cr
Prereq: Music major, minor and MUS 141 (minimum grade of C-minus or equivalent) or consent of instructor. Freq: Spring.
 Continuation of MUS 141 to a higher level of performance and difficulty; includes contrapuntal literature.
- 180 Class Voice**2 cr
Prereq: None. Freq: Spring.
 Development of the elements of singing with emphasis on tone production, correct breathing and diction. Open to all students.
- 181 Basic Voice for Instrumentalists**1 cr
Prereq: None. Freq: Alternate Springs.
 Elements of singing and tone production.
- 201 Music Appreciation**..... 3 cr
Prereq: None. Freq: Fall, Spring.
 A guide to musical enjoyment and understanding. Includes listening experiences in the various styles and forms of music, assigned readings and attendance at performances. Open to all students.
- 202 Music Literature**.....3 cr
Prereq: Music major, minor or consent of instructor. Freq: Spring.
 The development of musical perception through a variety of styles and forms.
- 206 Jazz Appreciation**3 cr
Prereq: None. Freq: Fall, Spring.
 Study of the stylistic periods of jazz from its beginning through the present. Emphasis on key performers and their styles. Recordings and live performance included. Open to all students.
- 207 Jazz History** 3 cr
Prereq: Consent of instructor. Freq: Fall.
 Study of stylistic periods of jazz from origins to present with emphasis on major performers and styles. Recordings and live performances included. A research paper is required.
- 221 Music Theory III**.....2 cr
Prereq: Grade of C in MUS 122, concurrent registration MUS 225. Freq: Fall.
 Studies in diatonic seventh chords, chromaticism, secondary functions, modulatory techniques, and binary and ternary forms. Includes projects in analysis and composition.
- 222 Music Theory IV**2 cr
Prereq: Grade of C in MUS 221, concurrent registration MUS 226. Freq: Spring.
 Studies in 19th-century music, including mode mixture, Neapolitan chords, augmented sixth chords, enharmonic reinterpretation, and advanced modulatory techniques. Includes projects in analysis and composition.
- 223 Jazz Fundamentals**2 cr
Prereq: MUS 121 or consent of instructor. Freq: Spring.
 The study of scales, modes and associated chords used in jazz improvisation. Methods include applied, aural and written study.
- 224 Jazz Improvisation I**.....1 cr
Prereq: MUS 223 or equivalent or consent of instructor. Freq: Fall.
 Improvisation in a small-group setting playing major and minor blues and basic jazz tunes including introductions and endings.
- 225 Aural Music Theory III**2 cr
Prereq: MUS 122 and 126 (minimum of C in 126) or equivalent; concurrent registration MUS 221. Freq: Fall.
 Continuation of Aural Music Theory II with an emphasis on aural recognition of the elements of 19th-century music.
- 226 Aural Music Theory IV**.....2 cr
Prereq: MUS 221 and 225 (minimum grade of C in 225) or equivalent; concurrent registration MUS 222. Freq: Spring.
 Advanced sight singing and aural recognition of the elements of 19th- and 20th-century music.
- 241 Keyboard Musicianship III**2 cr
Prereq: Music major, minor and MUS 142 (minimum grade of C-minus) or equivalent, or consent of instructor. Freq: Fall.
 Playing of three-part scores, vocal and instrumental accompaniments, chorales, more difficult transposition and harmonization; use of pedals.
- 242 Keyboard Musicianship IV**.....2 cr
Prereq: MUS 241 (minimum grade of C-minus) or equivalent, or consent of instructor. Freq: Spring.
 Playing of four-part vocal scores, orchestral scores, harmonization with secondary dominants, more complex progressions, modulation, transposition, more difficult piano technique, accompaniments and literature.
- 271 Instrumental Techniques-Brass**2 cr
Prereq: Music major. Freq: Alternate Springs.
 Theory and practice of playing individual instruments. Includes pedagogic techniques. Six hours pre-clinical field experience are required.

- 272 Instrumental Techniques-Classroom and Fretted Instruments.....2 cr**
Prereq: Music major. Freq: Alternate Springs.
 Theory and practice of playing individual instruments. Includes pedagogic techniques. Six hours pre-clinical field experience are required.
- 273 Instrumental Techniques-Percussion.....1 cr**
Prereq: Music major. Freq: Alternate Falls.
 Theory and practice of playing individual instruments. Includes pedagogic techniques. Four hours pre-clinical field experience are required.
- 274 Instrumental Techniques-Strings2 cr**
Prereq: Music major. Freq: Alternate Falls.
 Theory and practice of playing individual instruments. Includes pedagogic techniques. Six hours pre-clinical field experience are required.
- 275 Instrumental Techniques-Woodwinds.....2 cr**
Prereq: Music major. Freq: Alternate Springs.
 Theory and practice of playing individual instruments. Includes pedagogic techniques. Six hours pre-clinical field experience are required.
- 290 Special Topics in Music1-4 cr**
Prereq: None. Freq: Fall, Spring.
 Selected topics in music will be examined.
- 302 Conducting.....2 cr**
Prereq: MUS 221. Freq: Spring.
 The development of basic manual technique for conducting: beat patterns, expressive gestures, cueing, rehearsal techniques.
- 303 Opera Literature3 cr**
Prereq: Music major, MUS 202. Freq: Occasionally.
 The study of elements of opera and their function including analysis of selected operatic examples. Not available to those with current registration in 203.
- 305 Piano Pedagogy.....2 cr**
Prereq: MUS 221 and 222 or equivalent. Freq: Every third Fall.
 Study of how to teach piano including pedagogic approaches, method books for elementary students, basic keyboard technique, sight reading, theory, musical concepts, group lessons, and business practices. Observation and practice teaching are included.
- 306 Advanced Piano Pedagogy.....2 cr**
Prereq: MUS 221 and 222 or equivalent, MUS 305. Freq: Every third spring.
 Teaching the intermediate and advanced student; technical approaches, appropriate teaching literature, advanced reading skills, listening and ensemble skills. Observation and practice teaching are included.
- 307 Diction-English & Italian2 cr**
Prereq: MUSA 181, concurrent registration in applied voice. Freq: Alternate Fall.
 Application of the International Phonetic Alphabet to English and Italian songs and arias.
- 308 Diction-French & German.....2 cr**
Prereq: MUSA 181, concurrent registration in applied voice. Freq: Alternate Fall.
 Application of the International Phonetic Alphabet to German and French songs and arias.
- 313 Music in Western Civilization I3 cr**
Prereq: MUS 201. Freq: Fall.
 A historical survey of the role of the music in western civilization from ancient Greece to the 17th century.
- 314 Music in Western Civilization II3 cr**
Prereq: MUS 201. Freq: Spring.
 A historical survey of the role of the music in Western civilization from the 18th century to the present.
- 321 Music Theory V.....3 cr**
Prereq: Grade of C in MUS 222. Freq: Fall.
 Studies in 20th-century music including impressionism, neo-classicism, atonality, serialism, aleatoric music, minimalism, technological developments, sound mass, and new approaches to rhythm. Includes pitch-class set analysis and projects in composition.
- 323 Jazz Improvisation II.....1 cr**
Prereq: MUS 224. Freq: Spring.
 Improvisation in a small group setting utilizing tunes based on II-V chord progressions with appropriate scale choices.
- 324 Jazz Improvisation III1 cr**
Prereq: MUS 323. Freq: Spring.
 Improvisation in a small group setting utilizing tunes with advanced II-V and chromatic progressions with faster tempos.
- 326 African American Music.....3 cr**
Prereq: None. Freq: Summer.
 Survey and study of development and evolution of African American music 17th century to present with attention given to historical, sociological, political and humanistic contexts. Cross listed as ETHN 326.
- 333 Advanced Keyboard Accompanying and Chamber Music Performance.....1 cr**
Prereq: MUS 103. Freq: Every semester.
 Coaching of vocal and instrumental music for performance including the study of accompanying technique, balance, instrumental color, vocal texts, articulation, style and pedaling. May be repeated for credit.
- 341 Vocal Materials and Methods.....3 cr**
Prereq: MUS 222 or consent of instructor. Freq: Alternate Springs.
 Methods and techniques of instruction in vocal music in the secondary school. Ten hours pre-clinical field experience is required.
- 342 Instrumental Materials and Methods3 cr**
Prereq: MUS 222 or consent of instructor. Freq: Alternate Springs.
 Methods and techniques of instruction in instrumental music in the secondary school. Ten hours pre-clinical field experience is required.

- 343 General Music Materials and Methods: Childhood.....2 cr**
Prereq: MUS 222 or consent of instructor. Freq: Alternate years.
 Methods and techniques in music instruction for the elementary school, stressing techniques in singing, rhythm, listening and reading-readiness activities. Four hours pre-clinical field experience is required.
- 344 General Music Materials and Methods: Adolescence...2 cr**
Prereq: MUS 222 or consent of instructor. Freq: Alternate years
 Methods and techniques of instruction in non-performing music classes for middle schools and senior high schools. Four hours pre-clinical field experience is required.
- 355 Instrumental Conducting.....2 cr**
Prereq: MUS 302. Freq: Alternate Falls.
 Techniques of instrumental conducting including baton technique, score reading and preparation, and rehearsal techniques. Eight hours pre-clinical field experience is required.
- 356 Choral Conducting and Arranging3 cr**
Prereq: MUS 302. Freq: Alternate Falls.
 Techniques of choral conducting including score reading and preparation, rehearsal techniques and choral arranging. 8 hours pre-clinical field experience is required.
- 361 Chamber Music: Brass Ensemble1 cr**
Prereq: Audition. Freq: Fall, Spring.
 Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.
- 362 Chamber Music: Classical Guitar Ensemble1 cr**
Prereq: Audition. Freq: Fall, Spring.
 Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.
- 363 Chamber Music: Woodwind Ensemble1 cr**
Prereq: Audition. Freq: Fall, Spring.
 Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.
- 364 Chamber Music: Percussion Ensemble1 cr**
Prereq: Audition. Freq: Fall, Spring.
 Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.
- 365 Chamber Music: String Ensemble.....1 cr**
Prereq: Audition. Freq: Fall, Spring.
 Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.
- 366 Jazz Combo1 cr**
Prereq: Audition, consent of instructor Freq: Fall, Spring.
 Study and performance of appropriate for small jazz ensemble. Open to all students. May be repeated for credit.
- 395 Music Business Seminar.....2 cr**
Prereq: None. Freq: Alternate Springs.
 Investigation of employment in music through education, performing and various aspects of music as a business: publishing, instrument sales, recording and management. Open to all students.
- 407 Jazz Styles.....2 cr**
Prereq: MUS 207 or consent of instructor. Freq: Fall.
 In-depth study of selected individual styles and solos through transcription and analysis.
- 413 History of Western Music I.....3 cr**
Prereq: MUS 202. Freq: Fall.
 A survey of Western music from primitive music to the early 18th century. Concept of evolutionary style changes both within music and in relation to an evolving civilization.
- 414 History of Western Music II3 cr**
Prereq: MUS 413 Freq: Spring.
 Study of the stylistic evolution of music from the 18th century through the present.
- 423 Orchestration.....2 cr**
Prereq: MUS 222. Freq: Alternate Falls.
 A study of individual instruments; scoring practices for orchestral instruments.
- 425 Jazz Arranging.....3 cr**
Prereq: MUS 222 or equivalent and MUS 223. Freq: Alternate Falls.
 Study idiomatic writing for jazz instruments. Making written arrangements in a variety of jazz styles for small and large jazz ensembles.
- 427 Music Theatre Workshop2 cr**
Prereq: Audition. Freq: Alternate Spring.
 Study, research, preparation and performance of scenes, songs, and dances from musical theatre. May be repeated for credit.
- 430 Analytic Techniques.....2 cr**
Prereq: Minimum grade of C-minus in MUS 321. Freq: Spring.
 The structural and harmonic analysis of small and large musical forms.
- 450 Piano Teaching Practicum1 cr**
Prereq: MUS 305. Freq: Fall, Spring, Summer.
 Assigned teaching of private students and/or group classes with supervision; observation and evaluation used to develop pedagogic skills. May be repeated for credit.
- 460 Seminar in Piano Literature and Performance Practice.....2 cr**
Prereq: MUS 122, 125. Freq: Yearly.
 Advanced study of a specific era of the piano repertoire including all aspects of performance practice: tempo, rhythm, articulation, rubato, dynamics, ornamentation, pedaling and historical context. Each time offered, this course will examine a different era or composer. May be repeated for credit under different topics.
- 490 Special Topics in Music1-4 cr**
Prereq: None. Freq: Fall, Spring.
 Selected topics in music will be studied.
- 495 Music Composition Seminar.....2 cr**
Prereq: Consent of instructor. Freq: Fall, Spring.
 Analysis and composition. Seminar participation and individual composition lessons. May be repeated for a maximum of 8 credits.

- 497 **Solo Recital**1-2 cr
Prereq: Consent of music faculty, senior standing.
Freq: Fall, Spring.
 Supervised recital preparation and performance with appropriate research and writing of the recital program notes.
- 499 **Independent Study**1-5 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring.

Graduate Courses

- 690 **Special Topics**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in music will be studied.
- 695 **Advanced Music Composition Seminar**2 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
 Advanced analysis and composition. Seminar participation and individual composition lessons. May be repeated for a maximum of 8 credits.
- 699 **Independent Study**1-5 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring.

Courses in Applied Music (MUSA)

Prereq: Private instruction in applied music is available to music majors and minors. Concurrent registration in a core music course and a large ensemble is required. To enroll, obtain the required class and permission numbers from a Music Department faculty academic adviser. Freq: Fall, Spring.

Instruction is offered in piano, organ, trumpet, horn, trombone, baritone, tuba, violin, viola, cello, string bass, classical guitar, flute, oboe, clarinet, saxophone, bassoon, voice, and percussion. Consult Music Department chair for details. Course numbers indicate the level of study. Course numbers that begin with a zero are secondary or preparatory level. Freshman, sophomore, junior, and senior levels are indicated by an initial number of 1, 2, 3, or 4. Successful completion of a full faculty jury is required for enrollment at the 300 level.

Piano:	MUSA 010, 110, 111, 210, 211, 310, 311, 410, 411
Organ:	MUSA 012, 112, 113, 212, 213, 312, 313, 412, 413
Trumpet:	MUSA 020, 120, 121, 220, 221, 320, 321, 420, 421
Horn:	MUSA 022, 122, 123, 222, 223, 322, 323, 422, 423
Trombone:	MUSA 024, 124, 125, 224, 225, 324, 325, 424, 425
Baritone:	MUSA 026, 126, 127, 226, 227, 326, 327, 426, 427
Tuba:	MUSA 028, 128, 129, 228, 229, 328, 329, 428, 429
Violin:	MUSA 040, 140, 141, 240, 241, 340, 341, 440, 441
Viola:	MUSA 042, 142, 143, 242, 243, 342, 343, 442, 443
Cello:	MUSA 044, 144, 145, 244, 245, 344, 345, 444, 445
String Bass:	MUSA 046, 146, 147, 246, 247, 346, 347, 446, 447
Classical Guitar:	MUSA 048, 148, 149, 248, 249, 348, 349, 448, 449
Flute:	MUSA 060, 160, 161, 260, 261, 360, 361, 460, 461
Oboe:	MUSA 062, 162, 163, 262, 263, 362, 363, 462, 463
Clarinet:	MUSA 064, 164, 165, 264, 265, 364, 365, 464, 465
Saxophone:	MUSA 066, 166, 167, 266, 267, 366, 367, 466, 467
Bassoon:	MUSA 068, 168, 169, 268, 269, 368, 369, 468, 469
Voice:	MUSA 080, 180, 181, 280, 281, 380, 381, 480, 481
Percussion:	MUSA 084, 184, 185, 284, 285, 384, 385, 484, 485

UW-MILWAUKEE/UW-PARKSIDE CONSORTIAL NURSING PROGRAM

Tallent Hall 288 • 262-595-2480 • Keyword: *Nursing*

Degree Offered:

Bachelor of Science from UW-Milwaukee.

Dean College of Nursing:

Sally Lundeen, R.N., Ph.D., FAAN

Associate Dean for Academic Affairs College of Nursing:

Susan Dean-Baar, R.N., Ph.D., FAAN

Coordinator, Senior Lecturer, Consortial Nursing Program:

Mary Jane Bloom, R.N., MSN

Consortial Nursing Academic Adviser:

Jennifer Daood, B.A.

Lab Manager:

Sandy Leicht, R.N., BSN

Program Assistant:

Latrice Marshall

Student Organizations/Clubs:

Student Nurse Association of Parkside (SNAP)

Department Overview

The University of Wisconsin-Milwaukee College of Nursing offers a Bachelor of Science degree (B.S.) in nursing. The undergraduate program is offered on the UW-Milwaukee campus and at the UW-Parkside campus through a consortial program, initiated in June 1979. Students accepted into the program will complete the same curricular requirements as students enrolled on the UW-Milwaukee campus and must meet the same eligibility requirements for admission to the nursing major.

The program prepares students to begin positions of responsibility and leadership in providing professional care for clients and their families in their homes and in a variety of community health-care agencies. Students gain experience through a range of diverse programs in classroom and clinical settings.

Students are admitted to UW-Parkside, complete pre-nursing and nursing courses as UW-Parkside students, and receive their degree from UW-Milwaukee. For this reason, each Consortial nursing student is responsible for meeting all UW-Milwaukee requirements. All course work required to complete the undergraduate degree in nursing is offered on the UW-Parkside campus, and all clinical courses utilize health-care agencies in the Racine-Kenosha-Walworth county areas. This UW-Parkside catalog states policies specific to the Consortial Nursing Program. Other UW-Milwaukee regulations, including academic policies,

procedures, and requirements, are printed in the current UW-Milwaukee undergraduate bulletin. This and other UW-Milwaukee publications are available in the nursing adviser's office on the UW-Parkside campus in Tallent Hall 288.

The College of Nursing also offers a master of science degree (M.S.) and doctor of philosophy degree (Ph.D.) The M.S. program is designed to prepare nurses for advanced nursing practice in the community and institution-based settings. The program offers two clinical tracks including clinical nurse specialist and nurse practitioner preparation. The Direct Entry Master's (DEM) program is designed for individuals interested in a career in nursing and who have already completed a bachelor's degree in another field. For more information about our graduate programs, please see www.nursing.uwm.edu These nursing programs are fully accredited through the state of Wisconsin Board of Nursing and the Commission on Collegiate Nursing Education.

The Nursing Learning Resource Center (NLRC), Tallent Hall 181, which serves nursing students, faculty, and the community, is an integral component of the undergraduate curriculum. This college laboratory is a mediated and simulated learning environment in which students perform skills foundational to safe nursing practice in settings with clients. In addition, the NLRC houses a modern, well-equipped micro-computer laboratory.

Overview of Clinical Experiences

As part of the educational program, nursing students participate in a variety of clinical experiences. These experiences take place in hospitals and nursing homes, community health centers and clinics, medical centers, and mental health units, birthing centers and hospice settings, homes and parishes. Students work with individuals and families from many cultures and across all age groups who are dealing with physical and/or mental health problems or seeking to remain healthy, including children, teens, adults and the elderly. The selection of clinical experiences is based on the objectives of courses and the learning that is expected upon completion of the program, students will have all experiences necessary to become licensed as a registered nurse and secure employment.

The amount of time spent in the clinical experiences varies. As part of Foundations of Clinical Practice courses in the junior year, five hours per week for nine weeks will be spent in clinical practice. The clinical experience for the Senior Nursing Practice courses is 24 hours per week spread over three days. Clinical experiences may be on any day of the week including weekends. The experience may start as early as 6:30 a.m. and end as late as 11:00 p.m.

Admission to UW-Parkside

Students intending to pursue study in nursing are advised to complete the following units (one unit equals one year) in high school:

- 1/2 unit of speech (if available)
- 2-4 units of a foreign language (at least two years/units of the SAME foreign language)
- 3 units of college preparatory mathematics at or above algebra level
- 1/2 unit of computer science
- 1 unit of biology
- 1 unit of chemistry
- 1 unit of physics
- 1 unit of history
- 3 units of social studies
- 4 units of English

Pre-nursing students are admitted to UW-Parkside as matriculates and are classified as pre-nursing. Admission to the pre-nursing classification does not guarantee later admission to the nursing major. This subsequent admission occurs after a student has successfully completed the pre-professional requirements outlined in this catalog. Admission does not imply or guarantee that a student will be able to enter or complete the professional program within any specific time period.

Policies and Procedures of the College of Nursing

See *College of Nursing Student Handbook* for more information.

The policies and procedures of the College of Nursing apply to all students even though the student may be enrolled in courses in another college or school within the university. The general regulations governing UW-Milwaukee presented in this catalog apply to all consortial nursing students; therefore, these students do not need to fulfill UW-Parkside degree requirements.

Minors

Students who desire to pursue a minor at UW-Parkside are required to follow UW-Parkside requirements to complete a minor. The UW-Parkside catalog lists the minors available and their course requirements for completing the minor.

Nursing students, who complete a UW-Parkside minor, will have the minor posted on the UW-Milwaukee transcript.

UW-Milwaukee faculty and administration reserve the right to make changes in these regulations after publication; some of these changes may affect students' programs. Efforts will be made to publicize all changes, but it is the responsibility of students to ascertain the requirements of their program at all times. Admission to UW-Parkside does not imply or guarantee a student will be able to enter or complete a professional program within any specific time period.

Admission to Nursing Major

The College of Nursing requires a minimum GPA of 2.50 as calculated on the prerequisite courses completed prior to the nursing major. However, admission to the nursing major is extremely competitive. The minimum GPA required for admission can be significantly higher when there is a large applicant pool. Pre-nursing students who seek to enter the major and meet eligibility criteria (see below) are required to file an application with the nursing adviser in Tallent Hall 288. The College of Nursing Undergraduate Program Committee reviews the applications and makes recommendations for admission.

Application Deadline

Pre-nursing students who seek to enter the nursing major in September must submit applications by January 15 of the current academic year. Applications received after this date will be reviewed on a space-available basis.

Eligibility Criteria:

Students are required to meet the following criteria to be reviewed for selection into the nursing major:

A. Satisfactorily complete or be enrolled in the following courses:

CHEM 115	Chemical Science*	4 cr
CHEM 215	Organic and Biochemistry*	4 cr
SOCA	Sociology Course (Any)	3 cr
ENGL	English 201*	3 cr
PHYS 101	Principles of Physics**	4 cr
BIOS 105	Human Physiology and Anatomy I.	4 cr
BIOS 106	Human Physiology and Anatomy II	4 cr
BIOS 190	Fundamentals of Human Nutrition	2 cr
BIOS 202	Microbiology	4 cr
PSYC 101	General Psychology	3 cr
PSYC 210	Introduction to Human Development.	3 cr
PSYC 213	Human Development Discussion for Nursing.	1 cr
	Social Science Elective	3 cr (see adviser for list)
NURS 101	Cultural Diversity in Health Care.	3 cr
NURS 102	Perspectives on Health Care Systems	2 cr
NURS 300	Nursing Research	2 cr
Total credits	. . . . .	49

B. Courses may be repeated only once. No more than three (3) required courses may be repeated. All credit for required courses must have been earned in the 10 years preceding progression into the nursing major. Grades of less than 2.0 (C) must be replaced by grades greater than 2.0 (C) no later than August for fall applicants.

C. Achieve a minimum grade point average of 2.5 on a 4.0 scale. This GPA is computed on the courses listed above.

D. Achieve a minimum grade of 2.0 (C) in each of the required nursing and non-nursing courses as listed under part A.

E. Remove all incompletes and replace with acceptable grades before beginning the nursing major.

- F. In addition to the satisfactory completion of courses listed in part A, applicants must demonstrate competency in math and English. Competencies must be fulfilled through testing or course work by the date of entry into the nursing major. Information about competency testing is available through the Consortial Nursing Office. Refer to the UW-Parkside Advising Office for definition of competencies.
- G. A statement written by the applicant to include: Reason for choosing nursing and UWM/UW-Parkside Consortial Nursing Program, statement of long term plans and goals, and description of work/life experience and how these are viewed in relations to nursing.
- H. Meet application deadlines. (See B)
- I. A letter of recommendation is required if an applicant has been enrolled in clinical nursing courses at another school of nursing. This reference must be from the director of that College of Nursing. The letter should reflect a positive recommendation for the student's progression into the nursing major.
- J. An interview with the student making application may be requested at the discretion of the Undergraduate Program Committee.
- K. Following a review of the student's record and the progression of the student into the nursing major, the Undergraduate Program Committee may make recommendations intended to assist the student. These recommendations will be communicated to the student.
- * Enrollment in freshman-level courses is based on placement test scores. One or more of the following preparatory courses may be required before enrollment in higher-level courses is permitted. Credits earned at the 010/090 level in preparatory courses do not apply to the 124 credits required for graduation.

Registered Nurses – Collaborative Program (R.N.-BSN Completion)

Flexible, affordable options have been arranged for registered nurses. These include credit by examination, transfer credits for previous college-level course work, and fees for only those courses actually enrolled in.

Registered nurses who wish to earn a baccalaureate degree can progress through the program on a full- or part-time basis, at a rate compatible with their other personal and professional commitments. Nurses who graduated from Blackhawk Technical College, Gateway Technical College, Lakeshore Technical College, Moraine Park Technical College, Waukesha County Technical College, or Wisconsin Indianhead Technical College after December 31, 1989, can transfer credits from these programs through formal VTAE articulation agreements.

Registered Nurses – Collaborative Program (RN-BSN)

Admission:

Registered nurses follow UW-Milwaukee admission procedures with deadlines well in advance of the beginning of each semester. Therefore, individuals interested in entering the program should consult with the Nursing adviser 262-595-2480 and begin the

application process as early as possible. Registered nurse students are admitted directly into the nursing major.

The registered nurse program is taught through distance education and classroom courses. Six advanced nursing courses are required in addition to other university requirements. Advisers complete individual plans for each R.N. student.

Degree Requirements:

R.N. students must earn a minimum of 124 semester credits to complete requirements for the bachelor of science undergraduate degree. A cumulative GPA of 2.0 for all credits earned at UW-Milwaukee is required for graduation. The last 30 semester credits must be completed on the Milwaukee campus; at least 20 of these credits must be earned in nursing.

Demonstration of mathematics and English proficiency by registered nurse students is a requirement for enrollment in NURS 445 Capstone Practicum for Registered Nurses. Refer to the UW-Milwaukee Schedule of Classes for definition of competencies.

R.N. students are permitted to enroll in courses out of the usual sequence in the undergraduate curriculum with the exception of NURS 445 Capstone Practicum for Registered Nurses. This is the final course and all other required courses are prerequisites to this course.

Thirty nursing credits are awarded for previous nursing experience when the first nursing core course is completed with a minimum grade of C or higher.

Advanced Nursing Courses:

UWS NSG 317	Health Assessment	4 cr
UWS NSG 341	Theoretical Foundations of Nursing	4 cr
UWS NSG 434	Nursing Research	3 cr
UWS NSG 437	Nursing Management & Leadership	4 cr
UWS NSG 444	Community	3 cr
NURS 445	Capstone Practicum*	4 cr
UWS NSG	Nursing Electives	8-10 cr

Distance education courses taught as part of the UW System Collaborative Nursing Program. Equivalent courses are available on campus.

* Capstone course is not a distance educational course.

Credit Totals (124 credits)

Non-Nursing	64 cr
Nursing	30 cr
Previous Nursing credit	30 cr

Student Responsibilities in the Nursing Major

Students are expected to provide their own transportation, uniforms, books, supplies, equipment and other learning resources such as clients for practice experience as deemed necessary to meet course objectives.

Health

Good physical and mental health is essential for study and practice in professional nursing. The faculty of the College of Nursing reserves the responsibility for retaining only those students who demonstrate qualities of physical and mental health generally considered to be imperative for professional nursing practice.

A physical examination and specified immunizations are required of all students prior to enrollment in nursing practice courses. Expenses of this examination are the student's responsibility. Evidence of a physical examination, to be completed by a nurse practitioner, university physician, or a physician of the student's choice, must be submitted to Tallent Hall 288 on a date specified by the College of Nursing. The examination must be completed within one year before the date on which the student begins clinical nursing course work. Students who do not meet these requirements may not continue in a clinical nursing practicum course.

After an offer of admission to the nursing major is made, admission is contingent upon demonstration of satisfactory health as evidenced by physical examination and fulfillment of the health and immunization requirements by the appropriate deadline. The College of Nursing reserves the right to require a student to seek advice of health-care professionals where it is believed that a condition of health would impede his/her progress or jeopardize the health of others. The College of Nursing does not discriminate based on a disability and provides reasonable accommodation to qualified students on an individual basis.

Illness or Prolonged Absence

Students are expected to be present at all scheduled classes and clinical laboratory experiences. Since space in nursing courses is assigned during the first week of the semester, students are expected to be present for all instructional periods during that week as well. Frequent or prolonged absences from scheduled classes and/or clinical experiences may necessitate that the student drop a nursing course. Any planned interruption in course work should be discussed with the nursing adviser at the earliest possible date.

CPR Certification

Students must be certified in CPR at the health professional level prior to the first day of classes for the first semester in the nursing major. Authorized programs include those offered by the American Heart Association and the Red Cross. Local community groups offer programs sponsored by these agencies. Students admitted to the major must provide clinical instructors with a copy of their CPR card at the first meeting of their clinical lab group. Evidence of continued certification in CPR will be required throughout the program.

Background Check

Admission to the nursing major is contingent upon successful completion of a criminal background check. A processing fee will be charged for the background check. Additional fees will be charged for students who have resided outside of Wisconsin in the past three years. Consult the UWM Student Affairs Office, 414-229-5047. Official documentation will be accepted for background checks done within one year prior to the start of the clinical program. This documentation must come directly from the agency that had the background check done for the student.

Should a background check reveal that a student has a history of one of the crimes that are listed as a permanent bar or bar with rehabilitation, they will be asked to make an appointment to see the associate dean to discuss the implications of this finding on their educational plan. For other crimes, the decision about whether a student will be able to complete a clinical experience will be made by the clinical agency. More information on the Wisconsin Caregiver Background Check Law is available at www.dhfs.state.wi.us/caregiver/index.htm.

Requirements for Employment, Licensing, or Professional Organizations

Students should be aware that some professions, occupations, and employers are subject to licensing and/or bonding requirements. When a course of study includes clinical or field training, practice teaching, internships, or the like, students may be subjected to a check of criminal conviction records prior to acceptance of a student by the placement site. Students are responsible for obtaining the information necessary for them to become knowledgeable about these requirements and plan their studies accordingly.

Professional Credentials

Wisconsin state law requires nurses to be licensed to practice nursing within the state. Licensure is obtained by endorsement or by passing an examination. Students graduating from the College of Nursing are eligible to write the examination if they:

1. are at least 18 years of age,
2. are graduates of a high school or its equivalent
3. are able to speak, read, and write English, and
4. pay the fee for licensure.

Applicants for registration/licensure in the state of Wisconsin will be asked to state if they have ever been convicted of a criminal offense, excluding minor traffic violations. When individuals have such a conviction, an explanation is requested. An investigation may follow depending upon the circumstances and all the facts related to the situation.

Safe Professional Practice in Clinical Settings

Students are expected to demonstrate patterns of professional behaviors which follow the legal and ethical codes of nursing; promote the actual or potential well-being of clients, health-care workers, and self in the biological, psychological, sociological, and cultural realms; demonstrate accountability in preparation, documentation, communication, and continuity of care; and show respect for the human rights of individuals. A student whose pattern of behavior is found to be unsafe may be terminated from a clinical practicum for reason of unsafe practice at any time during the semester. If the behavior is identified before the drop date, the student will be directed to drop. If the drop date has passed, the student will receive a grade of F for the course. In order to continue in the Nursing program, a student who is terminated from a clinical practicum must appeal to the Undergraduate Program Committee for readmission to the nursing program.

Travel

Students in nursing are responsible for arranging transportation to and from all agencies or clients' homes used to provide clinical experience for the program. They are also responsible for any related liability. Students are expected to carry insurance on their vehicles.

Uniforms

Information about the uniform, a one-time investment, is sent to each student with the official letter of acceptance into the major. Students purchase their uniforms after acceptance.

College of Nursing Academic Regulations

Required Grade Point Average

Every nursing student is required to maintain a minimum of a C average (cumulative GPA of 2.0 on a 4.0 scale) on all work attempted in each semester or summer session. Failure to meet this minimum GPA will automatically result in a status of academic probation.

In addition to maintaining a cumulative GPA of 2.0, a student must earn at least a C (2.0) in each required nursing course. (In a practicum course, a student must earn at least a C in both the clinical and theoretical components in order to receive a C as the final course grade.) Any student who earns a grade below C (2.0) in a required nursing course is automatically dropped from the nursing major. Such a student must appeal to the Undergraduate Program Committee for readmission and permission to repeat the course in which a minimum grade of C was not earned.

In a nursing course with limited enrollment or a waiting list, qualified students who have not taken the course previously will have enrollment priority. Progression to the next level of courses is not permitted until all courses of the previous level have been successfully completed.

Dropping Courses

Students should refer to a current class schedule for information concerning existing UW-Parkside drop policy guidelines and any exceptions for individual courses.

A student who wishes to drop from a required or elective clinical nursing course or to withdraw from the nursing program must discuss the matter with the instructor, coordinator of the Consortium Nursing Program, and as advised, the director of the undergraduate program and the associate dean for academic affairs. Written approval to drop must be secured from the instructor and the director of the undergraduate program irrespective of the week of the semester. Any such interruption in the sequence of courses following acceptance into the major requires readmission to the nursing major. Information about the procedure for applying for re-admission is available in the Consortium Nursing Office. For additional information please refer to the College of Nursing Student Handbook which is available in the Consortium Nursing Office (Tallent Hall 288).

Grievance Procedure

The College of Nursing has a formal written grievance procedure, available in the Consortium Nursing Office (Tallent Hall 288). A grievance is defined as any situation affecting the status of a student in which the student believes his/her rights have been compromised or denied because of an erroneous or arbitrary interpretation or application of rules. Student grievances are reviewed by the College of Nursing Undergraduate Program Committee, which recommends the disposition of the grievance to the associate dean for academic affairs. In addition, this committee reviews and acts upon all cases of academic misconduct as described in Chapter UWS 17, UW-Milwaukee Student Disciplinary Procedures.

Degree Requirements

Students must earn a minimum of 124 semester credits to complete requirements for the undergraduate UW-Milwaukee degree. A cumulative GPA of 2.0 for all credits earned at UW-Parkside and UW-Milwaukee is required for graduation. The last 30 semester credits must be completed on the UW-Parkside campus; at least 20 of these credits must be earned in nursing.

Students who pursue nursing through the Consortium Nursing Program must follow UW-Milwaukee general education requirements for graduation. See below for general education requirements (GER). If a student decides to change their major from nursing to a UW-Parkside major, the student THEN must follow UW-Parkside general education requirements for graduation.

UW-Milwaukee General Education Requirements for nursing students*:

Humanities

Consult nursing adviser for approved GER 6 cr

The Arts

Consult nursing adviser for approved GER Arts 3 cr

History

Any course offered by History Department 3 cr

Foreign Language

Two semesters of the same language 0-8 cr

Electives 4 cr

* All nursing students are responsible for checking whether they meet the UW-Milwaukee General Education Requirements (written above).

Pre-Nursing Prerequisites (49 credits)

ENGL 201	Advanced Composition	3 cr
SOCA	Sociology Course (Any)	3 cr
PSYC 101	General Psychology	3 cr
PSYC 210	Introduction to Human Development. . .	3 cr
PSYC 213	Human Development Discussion for Nursing.	1 cr
	Social Science Elective**	3 cr

**see nursing adviser for list

CHEM 115	Chemical Science	4 cr
CHEM 215	Introductory Biochemistry	4 cr
PHYS 101	Principles of Physics	4 cr
BIOS 105	Human Physiology & Anatomy I	4 cr
BIOS 106	Human Physiology & Anatomy II	4 cr
BIOS 190	Fundamentals of Human Nutrition	2 cr
BIOS 202	General Microbiology	4 cr
NURS 101	Cultural Diversity in Health Care	3 cr
NURS 102	Perspectives on Health Care Systems	2 cr
NURS 300	Introduction to Nursing Research	2 cr

Nursing Courses in the Major

Students must be admitted to the nursing major or have special permission to enroll in nursing course. See nursing adviser, Tallent Hall 288.

NURS 205	Clinical Pharmacology	3 cr
NURS 211	Health Assessment	3 cr
NURS 315	Nursing Science I: Promoting & Maintaining Health	2 cr
NURS 320	Concepts of Illness I	3 cr
NURS 321	Concepts of Illness II	3 cr
NURS 326	Nursing Science II: Concepts of Aging and Long Term Health Care	3 cr
NURS 327	Nursing Science III: Concepts of Health Care for Women & Children	4 cr
NURS 328	Nursing Science IV: Concepts of Health Care of the Adult	4 cr
*NURS 331	Foundation of Clinical Practice I	5 cr
NURS 334	Foundation of Clinical Practice II	3 cr
NURS 403	Practice, Research, & Leadership Role Development I	3 cr
NURS 404	Practice, Research & Leadership Role Development II	3 cr
NURS 415	Nursing Science V: Concepts of Community Care of Aggregates	3 cr
NURS 440	Nursing Specialty Elective	2 cr
NURS 442	Nursing Practice I	8 cr
NURS 443	Nursing Practice II	8 cr

- * Prior to enrolling in NURS 331 Foundation of Clinical Practice I, students will be expected to have some knowledge of a computer word-processing application. It is not recommended that students wait until they are in the course to learn this application due to time constraints. It will also be helpful if students become familiar with computer-assisted library research and applications of databases.

Prior to enrolling in the first clinical practice course, NURS 331 Foundation of Clinical Practice I, students must complete a level 3 CPR certification program for health professionals. Students will be required to provide their clinical instructors with a copy of their CPR card at the first meeting of their clinical lab group.

Courses in the Consortial Nursing Program (NURS)

- 101 Cultural Diversity in Health Care**3 cr
Prereq: None. Freq: Fall.
 Enables student to conceptualize cultural diversity as a basic component of American society with implications for sensitivity and respect in health promotion and human relations.
- 102 Perspectives on Health Care Systems**.....2 cr
Prereq: None. Freq: Spring.
 Provides students with an orientation to the complexity of health care, health care delivery systems, and the populations served.
- 190 Special Studies in Nursing**1-5 cr
Consent of instructor. Freq: Fall, Spring, Summer.
 An elective Nursing course in which the students establish their objectives and actively participate in the selection of their learning experiences. They may register for 1 to 5 credits under a specified instructor who will approve their course of study.
- 205 Clinical Pharmacology 3 cr**
Prereq: Admission to nursing, NURS 320 or R.N. status, or concurrent registration, consent of instructor. Freq: Spring.
 This course focuses on the principles of pharmacology and administration; legislative controls; mechanisms of drug actions; contraindications; adverse and toxic effects and lifespan considerations.
- 211 Health Assessment**3 cr
Prereq: NURS 315, NURS 331, admission to nursing major or consent of instructor. Freq: Fall.
 This course focuses on concepts and skills to comprehensively assess the health status of individuals. History taking, physical examination techniques, developmental, and other assessments are presented.
- 290 Special Studies in Nursing**1-5 cr
Sophomore standing, consent of instructor. Freq: Fall, spring, summer.
 An elective nursing course in which the students establish their objectives and actively participate in the selection of their learning experiences. They may register for 1 to 5 credits under a specified instructor who will approve their course of study.
- 300 Introduction to Nursing Research**2 cr
Prereq: None. Freq: Spring.
 Examination of the history, principles, purposes, methods, and strategies of the research process with particular emphasis on learning critical appraisal of current Nursing research literature.
- 315 Nursing Science I: Promoting and Maintaining Health**2 cr
Prereq: Admission to nursing major or consent of instructor. Freq: Fall.
 Nursing science related to health promotion, disease prevention, and maintaining health are investigated along with responses of individual and families in acute and community settings

- 320 Concepts of Illness I**3 cr
Prereq: BIOS 106, BIOS 202, Chem. 215, and PHYS 101, R.N. status, or consent of instructor. Freq: Fall.
 This course focuses on mechanisms, manifestations, diagnosis, and treatment of disease states for selected body systems.
- 321 Concepts of Illness II**3 cr
Prereq: NURS 320 or consent of instructor. Freq: Spring.
 This course focuses on the mechanisms, manifestations, diagnosis and treatment of disease states for selected body systems; continuation of NURS 320.
- 326 Nursing Science II: Concepts of Aging & Long Term Health Care**.....3 cr
Prereq: Admission to major or consent of instructor. Freq: Fall.
 Identification and management of factors influencing and compromising health and functional ability of older adults and exploration of long-term health care in various settings.
- 327 Nursing Science III: Concepts of Health Care for Women and Children**4 cr
Prereq: NURS 211, NURS 320, NURS 321, NURS 331. Freq: Spring.
 Nursing science related to the acute, chronic, and health promotion care of women and children and their families in acute and community care settings.
- 328 Nursing Science IV: Concepts of Health Care of the Adult**4 cr
Prereq: NURS 321, NURS 331. Freq: Spring.
 Nursing science related to adults with acute and chronic health problems in both acute and community care settings, individual and family responses are investigated.
- 331 Foundations of Clinical Practice I**5 cr
Prereq: Admission to nursing major. Freq: Fall.
 Introductory course includes communication, philosophy, theory, and decision-making content, and psychomotor skills to be used as a base for planning and providing nursing care.
- 334 Foundation of Clinical Practice II**3 cr
Prereq: NURS 331, NURS 205, NURS 321. Freq: Spring.
 Refine clinical decision-making skills within the nursing process, professional communication, and psychomotor skills necessary for helping clients needing nursing care.
- 390 Special Studies in Nursing**1-5 cr
Prereq: Junior standing, consent of instructor. Freq: Fall, Spring, Summer.
 An elective nursing course in which the students establish their objectives and actively participate in the selection of their learning experiences. They may register for 1 to 5 credits under a specified instructor who will approve their course of study.
- 403 Practice, Research, and Leadership Role Development I**.....3 cr
Prereq: NURS 334, NURS 442 Freq: Fall.
 Emphasis is on the professional nurse as a practitioner, researcher, manager, and leader. The role of the nurse in these endeavors is explored and evaluated.
- 404 Practice, Research & Leadership Role Development II**3 cr
Prereq: NURS 403, NURS 415. Freq: Spring.
 Critical issues impacting the development of current and emerging professional roles.
- 415 Nursing Science V: Concepts of Community Health Care of Aggregates**3 cr
Prereq: NURS 334. Freq: Fall.
 Nursing care of individuals, families, and communities, as well as aggregates and special populations in the community. Roles of community health nurses are explored.
- 440 Nursing Specialty Elective**2 cr
Prereq: Admission to the major, NURS 403, NURS 415, NURS 442. Freq: Spring.
 Topics of current interest in nursing specialty areas.
- 442 Nursing Practice I**8 cr
Prereq: admission to major, NURS 334, NURS 205, NURS 321, NURS 327, NURS 328. Freq: Fall.
 Clinical practice course for providing nursing care for adults and children experiencing acute and/or chronic health problems.
- 443 Nursing Practice II**.....8 cr
Prereq: Admission to major, NURS 442, 403. Freq: Spring.
 Clinical practice course for providing nursing care to individuals, families, groups, and communities.

PHILOSOPHY

Communication Arts 265 • 262-595-2331 • Keyword: *Philosophy*

Degree Offered:

Bachelor of Arts.

Professor:

Cress, Ph.D.

Associate Professors:

Longeway, Ph.D. (Chair)

Assistant Professor:

Zaibert, Ph.D.

Instructor:

Pearson, M.A.

Professional Accreditations or Memberships:

American Philosophical Association, Philosophy of Science Association

Student Organizations/Clubs:

Parkside Philosophical Society

Career Possibilities:

Because of its emphasis on critical thinking and conceptual analysis, philosophy provides excellent preparation for a wide variety of professional studies and careers. UW-Parkside philosophy graduates have pursued many vocational interests in the past, from graduate work to law to business.

Department Overview

“The unexamined life is not worth living.”

- *Socrates*

Philosophy is the rational investigation of those truths about reality, knowledge and values essential to understanding the place of human beings in the world and the nature of the good life. It includes within its scope both the study of logic and scientific method, including the metaphysical presuppositions of the sciences, and the investigation of ethical and political values, and so it often provides reflective insight for other fields of study.

The Philosophy department offers its majors and minors a variety of courses in traditional areas of philosophical inquiry while providing a broad range of general education courses and courses bearing on other disciplines, which are cross listed in other departments.

Preparation for Graduate School

Completing the major in philosophy will prepare students for entrance into graduate school in the field, but those interested in this option should endeavor to take as many upper-level courses as they can in as many areas as possible, including especially the history of philosophy. Graduates in philosophy have also pursued

graduate study in psychology, art history, library science and law.

Requirements for the Philosophy Major

The major in philosophy consists of a minimum of 36 credits in philosophy courses. The following requirements apply to all majors:

1. Required Courses:

PHIL 201	Logic.	3 cr
PHIL 102	Great Thinkers	3 cr
or		
PHIL 260	Ancient Philosophy.	3 cr
or		
PHIL 261	Early Modern Philosophy.	3 cr
PHIL 405	Seminar for Majors: Discussant	1 cr
PHIL 410	Seminar for Majors: Presenter.	1 cr

2. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. PHIL 405 and 410 Seminar for Majors in Philosophy, and 496 Directed Study and 499 Independent Study do not count toward these 15 credits.
3. A total of no more than 6 credits of PHIL 496 Directed Study and 499 Independent Study, will count toward the major. No more than 2 credits of PHIL 405 will count toward the major.
4. A grade of C-minus or higher is required in any course to be counted toward the major.
5. A 2.50 or better GPA in courses counting toward the major is required. Not all philosophy courses taken need be counted toward the major.
6. In the junior and senior years, philosophy majors must take PHIL 405 or 410 Seminar for Majors in Philosophy – and in connection with PHIL 410, they must each present a paper before a joint meeting of the department and the Parkside Philosophical Society and complete a portfolio of work done at UW-Parkside demonstrating competence in the presentation and evaluation of philosophical issues.
7. All majors are required to complete two courses, one at the 300 level, in each of three of the following four areas: (1) ethics, value theory; and social and political thought; (2) the history of philosophy; (3) metaphysics and philosophy of mind; and (4) epistemology and the philosophy of science. No course may be used to cover two areas at once. The department will sometimes assign courses to different areas depending on their topics, and majors will be informed of such assignments in advance.

UNDERGRADUATE PROGRAMS

Following four areas:

1. Ethics, value theory and political thought.

PHIL 206	Introduction to Ethics	3 cr
PHIL 207	Classical Political Philosophy	3 cr
PHIL 213	Aesthetics	3 cr
PHIL 215	Contemporary Moral Problems	3 cr
PHIL 220	Politics, Law and Society	3 cr
PHIL 306	Modern Political Philosophy.	3 cr
PHIL 307	Contemporary Political Thought	3 cr
PHIL 320	Value Theory	3 cr
PHIL 328	Ethics in the Criminal Justice System.	3 cr
PHIL 350	Philosophy of Law	3 cr
2. History of Philosophy.

PHIL 102	Great Thinkers	3 cr
PHIL 200	Topics in the History of Philosophy	3 cr
PHIL 231	Christian Thought	3 cr
	(depending on topic)	
PHIL 260	History of Philosophy: Ancient.	3 cr
PHIL 261	History of Philosophy: Early Modern.	3 cr
PHIL 302	Topics in the History of Philosophy	3 cr
PHIL 360	History of Philosophy: Ancient.	3 cr
PHIL 361	History of Philosophy: Early Modern.	3 cr
3. Metaphysics and Philosophy of Religion

PHIL 204	Reason and Reality	3 cr
PHIL 205	Philosophy of Religion	3 cr
PHIL 231	Christian Thought	3 cr
PHIL 255	Topics in Continental Thought	3 cr
PHIL 305	Philosophical Analysis	3 cr
	(depending on the topic)	
PHIL 315	Metaphysics	3 cr
PHIL 355	Topics in Continental Thought	3 cr
4. Epistemology and philosophy of science

GSCI 102	Science and Pseudoscience	
PHIL 203	Truth, Knowledge and Belief	3 cr
PHIL 303	Set Theory and Logic	3 cr
PHIL 305	Philosophical Analysis	3 cr
	(depending on the topic)	
PHIL 310	Philosophy of Science.	3 cr

Requirements for the Philosophy Minor

The minor in philosophy consists of a minimum of 18 credits in philosophy. The following requirements apply to all philosophy minors:

1. At least 15 credits must be taken in courses numbered over 200.
2. At least 9 credits must be taken at the 300 level or above at UW-Parkside.
3. A grade of C-minus or higher is required in any course to be counted toward the minor.
4. A 2.50 or better GPA in courses counting toward the minor is required.

Requirements for the Minor in Philosophy of Natural Science

The minor in philosophy of natural science is open to students majoring in biological sciences, geology, mathematics, computer science and physics, and to others by consent of the chair of the Philosophy Department. Eighteen credits of course work will be required to complete the minor.

I. Required Courses:

GSCI 102	Science and Pseudoscience	
HIST 221	Beginnings of Science.	3 cr
	or	
HIST 222	History of Modern Science since 1750	3 cr
PHIL 201	Logic.	3 cr
PHIL 310	Philosophy of Science History	3 cr

II. Electives (Choose 2):

GSCI 102	Science and Pseudoscience	3 cr
HIST 221	Beginnings of Science.	3 cr
	or	
HIST 222	History of Modern Science since 1750.	3 cr
MATH 373	History of Mathematics	3 cr
PHIL 102	Great Thinkers	3 cr
PHIL 203	Truth, Knowledge and Belief	3 cr
PHIL 204	Reason and Reality	3 cr
PHIL 303	Set Theory and Logic	3 cr
	(Cross listed as MATH 303)	
PHIL 310	Philosophy of Science.	3 cr
	(may repeat with different topic)	

Other courses will be accepted as electives from time to time as suitable.

Courses in Philosophy (PHIL)

Students who are required to take English 100 should not enroll in a philosophy course until they have satisfactorily completed English 100.

- 101 Introduction to Philosophy**.....3 cr
Prereq: None. Freq: Fall, Spring.
 An introduction to philosophical method and typical philosophical issues, such as the existence of God, life after death, free will, the nature and sources of knowledge and the nature of justice.
- 102 Great Thinkers**.....3 cr
Prereq: None. Freq: Fall.
 A survey of the history of philosophical thought in the West from its beginnings to the 20th century, emphasizing its social and political context and its relations to the sciences.
- 200 Topics in the History of Philosophy**3 cr
Prereq: None. Freq: Spring.
 Examination in depth of a selected figure, movement, or issue in the history of philosophy. Original sources in translation are studied. May be repeated for credit.

- 201 Logic**.....3 cr
Prereq: None. Freq: Fall.
Emphasis on basic skills of critical thinking, in particular the construction and analysis of arguments in everyday life. Formal and informal arguments are investigated.
- 203 Truth, Knowledge and Belief**.....3 cr
Prereq: None. Freq: Alternate years.
Discussion of epistemological topics such as experience and perception, innate knowledge, skepticism and rational belief, and the nature of truth. May be repeated once for credit with different content.
- 204 Reason and Reality**.....3 cr
Prereq: None. Freq: Alternate years.
Metaphysical issues such as free will, cosmology, the nature of reality, space and time, causality, particulars and universals, and humanity's place and meaning in the universe. May be repeated once for credit with different content.
- 205 Philosophy of Religion**.....3 cr
Prereq: None. Freq: Fall, Spring.
Introduction to major philosophical issues in religion, including the existence of God, the supernatural, the problem of evil, life's meaning, faith, reason, religious belief, science and morality and the nature of religious commitment.
- 206 Introduction to Ethics**.....3 cr
Prereq: None. Freq: Yearly.
Examination of the nature of ethics and its relationship to law and religion. Discussion and appraisal of typical meta-ethical challenges to the possibility of ethics, such as relativism, subjectivism, positivism, naturalism, and egoism. Discussion of the most important normative ethical systems: virtue ethics, deontology, and utilitarianism, with particular emphasis on the work of Aristotle, Mill and Kant.
- 207 Classical Political Philosophy**.....
Prereq: One of the following: POLS 100, 105, PHIL 101, HIST 118. Freq: Occasionally.
The works of the classical Greek political philosophers, Solon through Aristotle. Cross listed as POLS 207.
- 213 Aesthetics**.....3 cr
Prereq: None. Freq: Yearly.
Objectivity and criteria of art criticism, nature of aesthetic experience, and nature of art. Papers on theory and criticism will be required from students in ART 461, or any other 300- or 400-level course. May be repeated once under different topics by consent of department chair. Cross listed as MUS 213 and ART 461.
- 215 Contemporary Moral Problems**.....3 cr
Prereq: None. Freq: Yearly.
Discussion of contemporary moral problems and related theoretical issues, focusing on such issues as sexual morality, punishment, abortion, racism, sexism, warfare and civil disobedience.
- 220 Politics, Law, and Society**.....3 cr
Prereq: None. Freq: Yearly.
Issues in political philosophy such as the nature and justification of political doctrines and systems, and analysis of such concepts as justice, freedom, equality and authority. May be repeated once for credit with different content. Cross listed with POLS 221.
- 231 Christian Thought**.....3 cr
Prereq: None. Freq: Fall.
Topics in Christian philosophy, both historical and contemporary (i.e. faith and reason, St. Augustine, contemporary Christian). May be repeated once for credit with different topic.
- 250 Philosophy of Law**.....3 cr
Prereq: None. Freq: Even years.
An examination of the nature of law and legal institutions, with special emphasis on the relationship between law and morality as these play out in the debate between natural law and positivism.
- 255 Topics in Continental Thought**.....3 cr
Prereq: None. Freq: Even years.
An introduction to major thinkers and movements of contemporary Continental philosophy, including Existentialism, Phenomenology, Structuralism, Deconstruction, Neo-Marxist Critical Theory, Semiotics, Philosophical Hermeneutics, French Feminism, Post-Structuralism and Post-Modernism.
- 260 History of Philosophy: Ancient**.....3 cr
Prereq: None. Freq: Even years.
An examination of the philosophy of the Pre-Socratics, Socrates, Plato, Aristotle, the Stoics and Epicureans, Skeptics and Cynics, and the NeoPlatonics.
- 261 History of Philosophy: Early Modern**.....3 cr
Prereq: None. Freq: Odd years.
An examination of the philosophy of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume and Kant and their contemporaries.
- 290 Special Topics in Philosophy**.....1-4 cr
Prereq: None. Freq: Occasionally.
Selected topics in philosophy will be examined.
- 302 Topics in The History of Philosophy**.....3 cr
Prereq: One PHIL course or consent of instructor. Freq: Spring.
Examination in depth of a selected figure, movement, or issue in the history of philosophy. Original sources in translation are studied. Research paper required. May be repeated for credit.
- 303 Set Theory and Logic**.....3 cr
Prereq: PHIL 201 or MATH 223 or consent of instructor. Freq: Occasionally.
Elementary propositional and predicate logic; language and axioms of set theory; operations on sets; well-orderings, ordinals, transfinite induction and recursion; cardinals; the axiom of choice and some equivalents. Additional topics chosen in accordance with the interests and needs of the participants. Cross listed as MATH 303.

- 304 Theories of International Relations.....3 cr**
Prereq: POLS 104 or consent of instructor. Freq: Spring.
 Contemporary theories of international relations with selected applications to current issues of relationships in international politics. Cross listed as POLS 304.
- 305 Philosophical Analysis.....3 cr**
Prereq: PHIL 201 or 203 or consent of instructor.
Freq: Alternate years.
 Topics in epistemology, philosophical logic, philosophy of language, and/or philosophic method. May be repeated once for credit.
- 306 Modern Political Philosophy.....3 cr**
Prereq: One of the following: POLS 100, 105, PHIL 101, HIST 119, 120 or consent of instructor. Freq: Alternate Springs.
 Exploration of the origins of liberalism, conservatism and socialism. Readings include Machiavelli, Locke, Rousseau, Mill, DeToqueville, and Marx. Cross listed as POLS 306.
- 307 Contemporary Political Thought.....3 cr**
Prereq: One POLS or PHIL course. Freq: Yearly.
 Explores major ideas, directions, issues, and problems of contemporary political thinkers. Philosophical dimensions of contemporary political and social problems; applications of concepts to contemporary problems. Cross listed as POLS 307.
- 310 Philosophy of Science3 cr**
Prereq: GSCI 102 or 201 or consent of instructor.
Freq: Alternate years.
 An examination of such topics as the nature of scientific methods and theories; explanation, prediction, confirmation, reduction, the relations among science, culture and values, and science versus pseudoscience. May be repeated once for credit.
- 315 Metaphysics3 cr**
Prereq: PHIL 204 or 205 or consent of instructor.
Freq: Alternate years.
 Topics relating to the fundamental nature of reality and of the human condition (i.e., freewill, mind/body, the meaning of life, etc.). May be repeated once for credit.
- 320 Value Theory3 cr**
Prereq: PHIL 206 or consent of instructor. Freq: Alternate years.
 Topics in moral theory or political theory or special issues such as relativism, science and morality, liberalism, Marxism, fascism, sexism, and human rights. May be repeated for credit with different content.
- 328 Ethics in the Criminal Justice System3 cr**
Prereq: One course in PHIL, CRMJ 101, or consent of instructor.
Freq: Yearly.
 An examination of ethical issues arising in connection with criminal justice in particular, punishment, legal and police ethics, and the justice of institutions associated with criminal justice.
- 350 Philosophy of Law3 cr**
Prereq: One PHIL course or consent of instructor. Freq: Even years.
 An examination of the nature of law and legal institutions, with special emphasis on the relationship between law and morality as these play out in the debate between natural law and positivism. A research paper will be required.
- 355 Topics in Continental Thought3 cr**
Prereq: One PHIL course or consent of instructor. Freq: Even years.
 An introduction to major thinkers and movements of contemporary continental philosophy, including existentialism, phenomenology, structuralism, deconstruction, neo-Marxist critical theory, semiotics, philosophical hermeneutics, french feminism, post-structuralism and post-modernism. A research paper will be required.
- 360 History of Philosophy: Ancient.....3 cr**
Prereq: One PHIL course or consent of instructor. Freq: Even years.
 An examination of the philosophy of the Pre-Socratics, Socrates, Plato, Aristotle, the Stoics and Epicureans, Skeptics and Cynics, and the NeoPlatonics. Research paper required.
- 361 History of Philosophy: Early Modern3 cr**
Prereq: One PHIL course or consent of instructor. Freq: Odd years.
 An examination of the philosophy of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume and Kant and their contemporaries. A research paper will be required.
- 405 Seminar of majors in Philosophy: Discussant1 cr**
Prereq: Major or minor status in philosophy. Freq: Every Semester.
 Discussion of papers to be presented by those enrolled in PHIL 410. May be repeated twice for credit. Grading will be on a credit/no-credit basis.
- 410 Seminar for majors in Philosophy: Presenter1 cr**
Prereq: Major status in philosophy. Freq: Every Semester.
 Preparation of senior portfolio in philosophy, and paper on topic selected by the student to be presented orally to the Department. Grading will be on a credit/no-credit basis.
- 490 Special Topics in Philosophy1-4 cr**
Prereq: 6 credits in PHIL or consent of instructor.
Freq: Occasionally.
 Selected topics in philosophy will be examined.
- 499 Independent Study1-5 cr**
Prereq: Consent of instructor and department chair.
Freq: Occasionally.
 Topics individually arranged.187

FREQUENTLY CALLED NUMBERS

Academic Skills Courses	595-2370	Health, Physical Education and Athletics	595-2245
Admissions	595-2355	History Department	595-2316
Advising Center.	595-2040	Housing	595-2320
Art Department.	595-2581	Humanities	595-2139
Athletics	595-2245	Information Center	595-2345
Men's Baseball Coach.	595-2317	Institute for Community Based Learning	595-3341
Men's Basketball Coach	595-2468	Interdisciplinary Studies/Weekend College	595-2609
Men's Cross Country/Track Coach	595-3225	International Studies	595-2701
Men's Golf Coach	595-3357	Internships.	595-2452
Men's Soccer Coach.	595-2257	Latinos Unidos	595-2650
Softball Coach.	595-2412	Learning Assistance	595-2370
Women's Basketball Coach.	595-3345	Library Hours (Recording)	595-2649
Women's Cross Country/Track Coach	595-2405	Library Reference Desk	595-2360
Women's Soccer Coach	595-3347	Mathematics Department	595-2326
Women's Volleyball Coach.	595-2127	Modern Languages Department	595-2331
Wrestling Coach	595-2267	Multicultural Student Affairs.	595-2731
Biological Sciences Department.	595-2744	Music Department	595-2457
Black Student Union	595-2470	Nursing Program	595-2480
Business Department	595-2280	Parkside Activities Board	595-2650
Campus Events Hotline.	595-2408	Parkside Adult Student Alliance.	595-2706
Career Center	595-2452	Philosophy Department.	595-2331
Cashier's Office	595-2258	Physics Department.	595-2326
Center for Community Partnerships	595-3340	Political Science Department.	595-2316
Chemistry Department	595-2326	Psychology Department.	595-2658
Child Care Center.	595-2227	Ranger Card Office	595-2655
Communication Department	595-2331	Registrar	595-2281
Computer Science Department.	595-2314	Residence Life	595-2320
Continuing Education.	595-2312	Scholarships.	595-3245
Criminal Justice Department.	595-3416	Sociology/Anthropology Department	595-2177
Dean of Students.	595-2598	Student Activities/Organizations	595-2278
Disability Services	595-2372	Student Employment.	595-2016
Economics Department	595-2316	Student Government.	595-2036
Education/K-12 Outreach.	595-2002	Student Life.	595-2200
Educational Support Services.	595-2372	Student Records	595-2284
Engineering Department.	595-2314	Student Support Services.	595-2726
English Department	595-2139	Teacher Education Department.	595-2180
Ethnic Studies	595-3418	Testing	
Financial Aid & Scholarships.	595-2574	ACT, NTE, PPST, Placement, SAT	595-2040
Food Service	595-2601	Recorded Test Dates, Times, & Info	595-2605
Geography Department	595-2658	Theatre Arts Department	595-2581
Geosciences Department	595-2744	Tours	595-2355
Graduate Programs		Tutoring Center.	595-2044
Master of Applied Molecular Biology	595-2744	Union	595-2201
Master of Business Administration.	595-2020	UW-Parkside Police Dept. (Emergency)	595-2911
Master of Science in		UW-Parkside Police Dept. (Non-Emergency)	595-2455
Computer Information Services.	595-2314	Veterans' Services.	595-2160
Health and Counseling	595-2366	Women's Studies	595-2162

PHYSICS

Greenquist 344 • 262-595-2326 • Keyword: *Physics*

Degree Offered:

Bachelor of Science.

Professors:

Greenebaum, Ph.D. (Emeritus); Mohazzabi, Ph.D.

Associate Professor:

Schmidt, Ph.D.

Senior Lecturer:

Bruning, Ph.D.

Student Organizations/Clubs:

Society of Physics Students

Department Overview

The Physics Department offers a rigorous and well-balanced program of courses leading to a bachelor of science degree in physics. The major is primarily intended for students who wish to pursue graduate work in physics or related areas, careers in higher education, or careers in technology-based industry.

The faculty is active in research. Current areas of research interest include astrophysics, computational physics, many-body theory, mathematical physics, quantum field theory, and statistical mechanics. Students majoring in physics have an excellent opportunity to get involved in ongoing research projects. In the recent past students have appeared as co-authors on a number of scientific publications in research and teaching journals.

The department is host to a chapter of the Society of Physics Students, a national organization run by the American Institute of Physics.

Requirements for the Physics Major

The physics major consists of at least 42 credits of core and elective courses and a minimum of 23 credits of support courses, in addition to the general university requirements. At least 15 credits of upper-level courses must be completed at UW-Parkside.

PHYS 201	General Physics I	5 cr
PHYS 202	General Physics II.	5 cr
PHYS 205	Modern Physics	3 cr
PHYS 241	Scientific Programming	3 cr
PHYS 301	Classical Mechanics	4 cr
PHYS 302	Electricity and Magnetism	4 cr
PHYS 303	Computational Physics.	3 cr
PHYS 306	Advanced Experiments in Physics.	3 cr
PHYS 307	Mathematical Methods of Physics.	3 cr
PHYS 403	Thermodynamics and Statistical Physics	4 cr

PHYS 441	Quantum Physics	4 cr
PHYS 495	Senior Seminar	1 cr

The following courses from related disciplines are required:

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr
MATH 223	Calculus and Analytic Geometry III	5 cr
MATH 301	Linear Algebra	4 cr
MATH 317	Differential Equations/Applications	4 cr

Students planning graduate work in physics will generally take more than the minimum number of credit hours in physics and additional mathematics courses. Reading proficiency (equivalent to about two years of study at the college level) in one foreign language is also recommended for such students.

Requirements for the Physics Minor

PHYS 201	General Physics I*.	5 cr
PHYS 202	General Physics II*.	5 cr
PHYS 205	Modern Physics	3 cr
PHYS 306	Advanced Experiments in Physics.	3 cr

Two additional physics courses are required. One (3 credit) at the 300 level or above and one (3 credit) at the 200 level or above.

The following mathematics courses are required:

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr

* Qualified students may substitute PHYS 105-106 for the PHYS 201-202 requirement at the discretion of the Physics Department. Students are advised to consult the department for further information.

Frequency of Offerings

Evening Program

The following planned sequence of offerings will be adhered to whenever possible; students are nevertheless urged to consult their faculty advisers concerning possible departures. In the following tables, F = fall offering; S = spring; SU = summer; Alt F odd = course offered in the fall of odd-numbered years; Alt S even = course offered in the spring of even-numbered years; * = evening course.

The following PHYS courses are scheduled for yearly offerings: 101 (F, S, SU), 105 (F), 106 (S), 110 (F, S, SU), 201 (F, S*), 202 (S), 495 (F, S), 499 (F, S, SU).

The following PHYS courses are scheduled for alternate year offerings; the tentative schedule of semesters is as given below: 205 (Alt F even), 241 (Alt S odd), 301 (Alt F even), 302 (Alt F odd), 303 (Alt F odd), 306 (Alt S even), 307 (Alt F even), 403 (Alt S odd), 441 (Alt S even).

Upper-level courses are not generally offered in the evening, but students requiring extended timetable schedules can sometimes make arrangements with the course instructor.

Teacher Licensure

Students seeking teacher licensure in the physics major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at 262-595-2100.

Courses in Physics (PHYS)

NOTE: In addition to the prerequisites listed below, a grade of C or better in PHYS 201 and 202 is required for entry to all 300- and 400-level physics courses.

- 101 Principles of Physics**4 cr
Prereq: Computational Skills required or equivalent.
Freq: Fall, Spring.
 A one-semester introduction to fundamental principles of physics, their experimental basis, and applications. For students who need an introductory course in physics. Not open to students with credit in PHYS 105 or 201. Three-hour lecture; one-hour discussion.
- 105 College Physics I**.....5 cr
Prereq: MATH 113, 114 or equivalent. Freq: Fall.
 Mechanics, heat, and sound. Not recommended for students majoring in physical science or engineering. Not open to students with credit in PHYS 201. Three-hour lecture; one-hour discussion; three-hour lab.
- 106 College Physics II**5 cr
Prereq: PHYS 105. Freq: Spring.
 Electricity and magnetism, light and modern physics. Not open to students with credit in PHYS 202. Three-hour lecture; one-hour discussion; three-hour lab.
- 110 Introduction to Astronomy**.....3 cr
Prereq: None. Freq: Fall, Spring.
 Astronomy for non-scientists. Largely non mathematical. Planets, stellar evolution, galactic systems, cosmology. Three-hour lecture. Cross listed as GEOS 110.
- 201 General Physics I**5 cr
Prereq: MATH 221 (grade of C or higher) or concurrent registration (only with grade of B or higher in MATH 114 or equivalent). One year high school physics or PHYS 101 required.
Freq: Fall, Spring.
 Mechanics, heat, and sound. For physical science and engineering majors. Three-hour lecture; one-hour discussion; three-hour lab.
- 202 General Physics II**.....5 cr
Prereq: PHYS 201; MATH 222 or concurrent registration.
Freq: Fall, Spring.
 Electricity and magnetism, geometrical optics, and physical optics. For physical science and engineering majors. Three-hour lecture; one-hour discussion; three-hour lab.
- 205 Modern Physics**3 cr
Prereq: PHYS 202. Freq: Fall.
 Special relativity. Elements of quantum mechanics. Introduction to atomic, molecular, solid state, nuclear, and particle physics. Three-hour lecture.
- 241 Scientific Programming**3 cr
Prereq: PHYS 201 and MATH 221 or consent of instructor.
Freq: Alternate Springs.
 Programming in C, C++, FORTRAN, PERL and symbolic or computer algebra languages with applications to scientific problem solving and simulations. Three-hour lecture/lab.
- 290 Special Topics in Physics**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Special topics in physics will be examined.
- 301 Classical Mechanics**.....4 cr
Prereq: PHYS 201; MATH 317, or concurrent registration or consent of instructor. Freq: Alternate Falls.
 Vector analysis, conservation laws, planetary motion, rigid-body dynamics, free and forced oscillations, normal coordinates, moving coordinate systems, generalized coordinates, Lagrangian and Hamiltonian formulations. Continuum mechanics. Four-hour lecture/discussion. Cross listed as ENGR 301.
- 302 Electricity and Magnetism**4 cr
Prereq: PHYS 202; MATH 317, or concurrent registration or consent of instructor. Freq: Alternate Falls.
 Electrostatics, magnetostatics, electromagnetic fields through Maxwell's equations with basic applications. Radiation, Lienard-Wiechert potentials, sources of radiation, antenna theory. Scalar diffraction theory. Wave optics for transparent or conductive media. Four-hour lecture/discussion. Cross listed as ENGR 302.
- 303 Computational Physics**3 cr
Prereq: PHYS 205; MATH 223, PHYS 241, or consent of instructor. Freq: Alternate Springs.
 An introduction to computational physics with applications to classical mechanics, electromagnetism, and quantum mechanics. Monte Carlo methods. Introduction to molecular dynamics. Three-hour lecture.
- 306 Advanced Experiments in Physics**3 cr
Prereq: PHYS 205. Freq: Alternate Springs.
 Advanced experiments in optics, atomic, molecular, solid state, and nuclear physics. Analog electronics through transistors and op-amps. Basic digital electronics. Six-hour lab.
- 307 Mathematical Methods of Physics**.....3 cr
Prereq: Math 222, PHYS 202. Freq: Alternate Falls.
 Methods of integration, series and products, combinatorics, statistics, special functions and differential equations, numerical methods and algorithms. Three-hour lecture.

403 Thermodynamics and Statistical Physics.....4 cr

Prereq: MATH 301 and 317 or PHYS 307 or consent of instructor. Freq: Alternate Springs.

An introduction to equilibrium statistical mechanics and its applications. The first half emphasis is on thermodynamics and classical statistical mechanics, microcanonical, canonical, and grand canonical ensembles, partition functions, and the Ising model. The second half is quantum statistical mechanics, Fermi and Bose gases, and critical phenomena. Four-hour lecture.

441 Quantum Physics.....4 cr

Prereq: PHYS 205; MATH 301 and 317 or PHYS 307 or consent of instructor. Freq: Alternate Springs.

The origin of quantum mechanics. The free particle in wave mechanics. Particles in one-dimensional potentials. Axiomatic foundations of quantum mechanics; the evolution of states in time. Particles in three dimensions and angular momentum. Central potentials. The course also introduces the concept of spin and the exclusion principle, and the Dirac equation with its associated phenomenology. Four-hour lecture.

490 Special Topics in Physics1-4 cr

Prereq: Consent of instructor. Freq: Occasionally.

Special topics in physics will be examined.

495 Senior Seminar.....1 cr

Prereq: Junior or senior standing. Freq: Fall, Spring.

A directed study of one of the current topics in physics. Each student is required to submit a written report and present a 50-minute seminar on the subject. Students are recommended to take two consecutive semesters of 495.

497 Senior Thesis1-2 cr

Prereq: Consent of instructor. Freq: Occasionally.

By special arrangement with instructor.

499 Independent Study1-3 cr

Prereq: Consent of instructor and department chair.

Freq: Occasionally.

By special arrangement with instructor.

POLITICAL SCIENCE AND LAW

Molinaro 367 • 262-595-2316 • Keyword: *Political Science*

Degree Offered:

Bachelor of Arts.

Professors:

Gurnack, Ph.D.; Murin, Ph.D.

Associate Professors:

James, Ph.D.; Olsen, Ph.D.; Tebben, J.D., Ph.D.

Professional Accreditations or Memberships:

American Political Science Association

Student Organizations/Clubs:

Prelaw Society

Career Possibilities:

For information about graduate school, law school or careers in political science, visit the department's website at www.uwp.edu
Keyword: *Political Science*.

Department Overview

The Department of Political Science and Law at UW-Parkside provides many educational opportunities for the undergraduate student. The department's strengths are in comparative politics, international relations, public policy and administration, and legal studies. A unique feature of the department is the internship program, which permits students to earn academic credit while directly experiencing government, politics, public administration and law.

Preparation for Graduate School

The undergraduate major in political science can help prepare an individual for graduate study in law, public administration, the policy sciences, political science, or criminal justice. Internships, independent study, and off-campus programs for credit course work in political science provide an opening to the ideas and tools used in the field. Through internships with politicians and public officials, such as the district attorney and social service agencies, these tools and ideas may be used and evaluated in practice. The credit-bearing internship offers an excellent opportunity for exploring employment possibilities while supplementing academic training.

Independent-study projects are strongly encouraged for political science students who wish to acquire the ability to do research and to explore their own interests. Off-campus programs provide a third possibility for professional development outside of regular course work. Programs in New York with the United Nations and in Washington with the federal government are available as are other individualized arrangements.

Requirements for Admission to the Political Science Major and to the Major with a Concentration in Law

1. A student must be in good academic standing at the time of declaring the major.
2. At least two courses in political science in courses numbered 100 through 105 with a grade of C or better in each course. (C minus does not count.)

Requirements for the Traditional Political Science Major

This department offers the equivalent of two majors: the traditional major in political science and a major in political science with a concentration in law. Students need to complete the requirements of one major. For example, a student choosing to major in political science with a concentration in legal studies needs to meet the requirements listed under the concentration in law. The major in political science consists of a minimum of 34 credits. Students must complete a minimum of 15 credits at UW-Parkside in their major in courses numbered 300 or above in addition to POLS 445, Senior Seminar. These credits are to be distributed as follows:

A. Three of the following introductory courses: (9 credits)

POLS 100	American Politics
POLS 103	Introduction to Comparative Politics
POLS 104	Introduction to International Relations
POLS 105	Political Beliefs
POLS 202	Public Policy

B. The following course: (4 credits)

POLS 200	Research Methods and Sources
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C. Nine (9) credits from the following advanced courses with at least one course in each of the three groups identified below: (9 credits)

American Politics: POLS 214, 215, 216, 310, 315, 316, 320, 360, 365, 375, 385, 395

World Politics: POLS 224, 304**, 330, 331, 332**, 341, 350**, 415

Political Theory: POLS 207, 304**, 306, 307, 332**, 350**

D. And at least three additional courses numbered 300 or above: (9 credits)

The political science internship and independent study are recommended options but are not required. No more than

6 credits of internship and 3 credits of independent study can be counted toward meeting the credit-hour requirements for the major. Independent study credits do not count toward meeting the 15 upper-level credit-hour requirement for the major. Only 3 credits of internship credit can be used to meet the 15 upper-level credit-hour requirement for the major.

E. POLS 445 Senior Seminar in Political Science (3 cr)

- * POLS 200 is required of all political science majors, minors and students with a declared area of concentration. Double majors (e.g. political science and sociology/anthropology) and students pursuing a legal studies concentration with majors in another department must complete POLS 200 even if they have already taken a methods course in the department of their other major.
- ** Students may count POLS 304, 332 and 350 for world politics or political theory, not for both.

All students must complete their degree program within 10 years of declaring a major or minor in political science, or the concentration in legal studies, or completing their first course in political science, whichever is earlier. Credits earned at UW-Parkside or at any other institution that are more than 10 years old cannot be used to complete any major, minor or concentration offered by this department. A student who has been inactive for three or more years must reapply for admission to the major. The department reserves the right to require additional credits or course work.

Law Concentration

UW-Parkside offers a Bachelor of Arts degree for students interested in pursuing a career in law or legal studies (practicing law, teaching law, court administration, and government agencies). Students interested in this concentration will take a Bachelor of Arts degree in political science with course work done in various disciplines with a special relevance to the field. The concentration brings together the most significant perspectives and tools required for a thorough preparation in law and legal studies, grounded in democratic theory and practice.

Students must complete a minimum of 15 credits at UW-Parkside in their major in courses numbered 300 or above. This concentration requires a minimum of 34 credits. These credits are distributed as follows:

1. Required courses (22 credits):

POLS 100	American Politics	3 cr
POLS 200	Research Methods and Sources*	4 cr
POLS 209	Legal Research and Writing	3 cr
POLS 216	Introduction to Law	3 cr
POLS 310	Constitutional Law: Civil Liberties	3 cr
POLS 320	Constitutional Law: The Structure of Government.	3 cr
POLS 444	Legal Studies Capstone	3 cr

2. Three credits from the following: (3 credits)

POLS 103	Introduction to Comparative Politics	3 cr
POLS 104	Introduction to International Relations	3 cr
POLS 105	Political Beliefs	3 cr

3. Nine (9) credits from the following with at least 3 of the credits in POLS: (9 credits)

POLS 302	Environmental Policy & Politics	3 cr
POLS 315	Diversity Law: Tribal Nations	3 cr
POLS 316	Diversity Law: African Americans	3 cr
POLS 351	Constitutional Law: Criminal Procedure	3 cr
POLS 415	International Law	3 cr
BUS 372	Business Law	3 cr
CRMJ 325	Restorative Justice	3 cr
CRMJ 380	Criminal Law	3 cr
HRM 342	Labor Relations Law	3 cr
PHIL 490	Special Topics: Philosophy of Law	1-3 cr
HPEA 300	Legal Issues in Sport and Fitness Management	3 cr
HPEA 400	Advanced Legal Issues in Sport Management	3 cr
SOCA 359	Sociology of Law	3 cr
COMM 485	Designing Conflict Intervention	3 cr
POLS 400	Internship**	3 cr

4. Strongly recommended:

PHIL 201	Logic	3 cr
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*See note on POLS 200 under political science major requirements.

**A maximum of 3 credits of internship can be applied to the 9 credits required in this category.

Note: Law courses in other departments may have course or departmental prerequisites.

Student-Designed Minor

The following are the requirements for the political science minor (18 credits):

- Two introductory courses (100 level)
- One additional 3-credit course at the 200 level. Three courses at the 300 level.

World Politics Minor

The following are the requirements for the world politics minor (18 credits)

POLS 103	Introduction to Comparative Politics	3 cr
POLS 104	Introduction to International Relations	3 cr
POLS 304	Theories of International Relations	3 cr
or		
POLS 350	Theories of Comparative Politics	3 cr

Three (3) additional courses from the World Politics Group.

Public Policy Studies Minor (15 credits):

POLS 202	Public Policy	3 cr
POLS 203	Women, Power and Politics	3 cr
POLS 250	Introduction to Public Administration	3 cr
POLS 291	Contemporary Political Issues	3 cr

Any public policy relevant 490 POLS course.

NOTE: POLS 200, Research Methods, is not required for any minor in the department. However, certain advanced courses have POLS 200 as a prerequisite. If you have not taken POLS 200, check with the instructor of a course to see if it is a course prerequisite.

Teacher Licensure

Students seeking teacher licensure in the political science major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Students who are pursuing a major in political science must complete at least 34 credits. These credits are to be distributed as follows:

A. Three of the following introductory courses: (9 credits)

POLS 100	American Politics	3 cr
POLS 103	Introduction to Comparative Politics . .	3 cr
POLS 104	Introduction to International Relations	3 cr
POLS 105	Political Beliefs	3 cr
POLS 202	Public Policy	3 cr

B. The following two course: (7 credits)

POLS 200	Research Methods and Sources	4 cr
POLS 315	Diversity Law: Tribal Nations	3 cr

C. The following advanced courses with at least one course in each of the three course groups identified below: (9 credits)

American Politics: POLS 214, 215, 216, 310, 315, 316, 320, 360, 365, 375, 385, 395

World Politics: POLS 224, 304*, 330, 331, 332*, 341, 350*, 415

Political Theory: POLS 207, 304*, 306, 307, 332*, 350*

An additional 9 credits of political science courses, 6 credits must be in courses numbered 300 and above: (9 credits)

Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education advisor at 262-595-2100.

* Students may count POLS 304, 332 and 350 for world politics or political theory, not for both.

Courses in Political Science (POLS)

100 American Politics3 cr
Prereq: None. Freq: Fall, Spring, Summer.

The institutions, processes and dynamics of the American governmental system. Special emphasis is placed on problems of policy making in a pluralistic democratic system.

103 Introduction to Comparative Politics.....3 cr
Prereq: None. Freq: Fall.

Introduction to comparative governments with selected examples from the developed and developing world. Structural and functional evaluation of comparative performance in areas of political systems, economic programs, social equality and quality of life.

104 Introduction to International Relations3 cr
Prereq: None. Freq: Fall, Spring.

Historical development of the international political system, basic foreign policy analysis, conflict and cooperation among nation states and emphasis on current issues in international systems (terrorism, arms races/arms control, ecology).

105 Political Beliefs.....3 cr
Prereq: None. Freq: Fall, Spring.

Introduction to liberalism, conservatism, socialism, fascism, fundamentalism, and concepts of liberation. Discussion of the current political uses of these ideas.

200 Research Methods and Sources4 cr
Prereq: Completion of POLS introductory sequence.

Freq: Fall, Spring.
 Methods, philosophy and sources of political science research. Required for the major in political science and for the concentration in legal studies.

202 Public Policy3 cr
Prereq: POLS 100. Freq: Yearly.

The processes, problems, methods and issues involved in the formulation of public policies. Emphasis on policy formation at the national, state and local levels. A significant portion of the course will be devoted to international and comparative policy issues. Case studies employed.

203 Women, Power and Politics3 cr
Prereq: None. Freq: Every third semester.

Examination of the environmental, systematic and political variables that define the existing and potential political position of women in a variety of international cultures.

207 Classical Political Philosophy.....3 cr
Prereq: One of the following: POLS 105, PHIL 101, HIST 118.

Freq: Occasionally.
 The works of classical Greek political philosophers Thucydides, Plato and Aristotle. Cross-listed as PHIL 207.

209 Legal Research and Writing.....3 cr
Prereq: POLS 100. Freq: Spring.

Analysis of the case reporting systems, access to legal journals, statutory law reporting, research on the web, and other research tools. The basics of writing legal briefs, documents, and research papers will be covered.

214 Legislative Politics.....3 cr
Prereq: POLS 100. Freq: Alternate years.

Analysis of the nature of Congressional behavior, the legislative process, and the structure of Congress. Case studies included. Problems of Congressional reform.

UNDERGRADUATE PROGRAMS

- 215 The Presidency.....3 cr**
Prereq: POLS 100. Freq: Alternate years.
 The office of the president of the United States as an institution and as shaped by its incumbent. The president's political, statesman, social and ceremonial roles. Comparative material included where relevant.
- 216 Introduction to Law.....3 cr**
Prereq: POLS 100. Freq: Spring.
 Utilizing the case approach, students will analyze the structure of the legal system, the process of judicial decision making, legal remedies, and will be introduced to substantive areas of the law, including contracts, property, family law and torts.
- 221 Politics, Law and Society3 cr**
Prereq: None. Freq: Alternate years.
 Issues in political philosophy such as the nature and justification of political doctrines and systems, and analysis of such concepts as justice, freedom, equality and authority. May be repeated once for credit with different content. Cross-listed as PHIL 220.
- 224 American Foreign Policy3 cr**
Prereq: One POLS course or junior standing.
Freq: Alternate Springs.
 Formulation and implementation of foreign policy in the United States. Relationship of American foreign policy to its domestic foundations and to the larger international system.
- 250 Introduction to Public Administration.....3 cr**
Prereq: POLS 100. Freq: Alternate years.
 Contemporary public administration theory and practice. The impact of politics on administrative decision making. Case studies and simulations where applicable.
- 290 Special Topics in Political Science.....3 cr**
Prereq: POLS 100 or consent of instructor and section prereqs.
Freq: Occasionally.
 Selected topics in political science will be studied.
- 291 Contemporary Political Issues.....3 cr**
Prereq: POLS 100 or consent of instructor. Freq: Occasionally.
 Examination of issues, problems, and events of current interest. Subject matter varies. May be taken as often as a new topic is featured.
- 302 Environmental Policy.....3 cr**
Prereq: POLS 100 or ENVS minor. Freq: Occasionally.
 A survey of the political and social aspects of environmental policy making and how different political decision-making structures respond to various environmental issues.
- 304 Theories of International Relations.....3 cr**
Prereq: POLS 104 and 200. Freq: Spring.
 Contemporary theories of international relations with selected applications to current issues or relationships in international politics. Emphasis on critical theories in the evaluation and comparison of various theoretical approaches. Cross-listed as PHIL 304.
- 306 Modern Political Philosophy.....3 cr**
Prereq: One of the following: POLS 105, PHIL 101, HIST 119, 120. Freq: Occasionally.
 The works of modern political thinkers such as Machiavelli, Hobbes, Locke, Rousseau, Mill, Hegel, Marx and Nietzsche. Cross-listed as PHIL 306.
- 307 Contemporary Political Thought.....3 cr**
Prereq: One POLS or PHIL course. Freq: Occasionally.
 Explores major ideas, directions, issues and problems of contemporary political thinkers. Philosophical dimensions of contemporary political and social problems; applications of concepts to contemporary problems. Cross-listed as PHIL 307.
- 310 Constitutional Law: Civil Liberties.....3 cr**
Prereq: POLS 100, 200. 216. Freq: Yearly.
 The nature and scope of constitutional government and limitations on government. Includes due process, equal protection, free speech, freedom of religion, and the implied right to privacy.
- 315 Diversity Law: Tribal Nations.....3 cr**
Prereq: POLS 100 or ETHN minor. POLS 216 recommended.
Freq: Every third semester
 Tribal relationship with the U.S. government, as nations within a nation. Tribal sovereignty, Marshall trilogy, removal, allotment, Reorganization Act, the Indian Civil Rights Act, termination, Public Law 280, religious freedom, and modern tribal governments. The tribal nations of Wisconsin are emphasized. Cross-listed as ETHN 315; also offered as POLS 515.
- 316 Diversity Law: African Americans3 cr**
Prereq: POLS 100 or ETHN minor. POLS 216 recommended.
Freq: Every third semester.
 Analyzes the relationship of African Americans to the United States Constitution, and includes such topics as slavery, the Fugitive Slave Acts, the Civil War Amendments, segregation, the civil rights movement, voting rights, affirmative action, and housing laws.
- 320 Constitutional Law: The Structure of Government3 cr**
Prereq: POLS 100, 200, 216. Freq: Yearly.
 The structure of power in the tri-federal system of government as viewed through major decisions of the U.S. Supreme Court. Emphasis on the scope and limitations of executive, judicial, and legislative powers, and on the relationship between the states, federal government, and tribal nations.
- 330 European Politics3 cr**
Prereq: POLS 103 or 104. Freq: Spring.
 Political culture, political institutions, and public choices of European democratic states. Special focus as well on the history, institutions, and policies of the European Union.
- 331 The Politics of Developing Nations3 cr**
Prereq: POLS 103 or 104 and 200. Freq: Occasionally.
 Political systems in selected African, Middle Eastern, Asian and Latin American countries. Problems of developing political institutions to cope with and generate processes of social change, economic development and cultural independence.

- 332 Socialist Thought and Practice**.....3 cr
Prereq: POLS 103, 104 or 105, and 200. Freq: Occasionally
Prereq: POLS 104 and 200. Freq: Occasionally.
 The thought of Marx and his later interpreters, such as Lenin and Bernstein. Discussion of the ideological foundations of and political dynamics socialist systems. May include discussion of other socialist thinkers.
- 341 International Conflict and Cooperation**.....3 cr
Prereq: POLS 104 and 200. Freq: Occasionally.
 Cooperation and competition in the anarchic environment of international politics. Selected models of world order investigating integration and fragmentation of nation-states; development and maintenance of international regime structures; and the influence of international/regional organizations.
- 350 Theories of Comparative Politics**3 cr
Prereq: POLS 200. Freq: Occasionally
 Contemporary theories in comparative politics focusing on. Major ideas, current issues, actors, institutions, and processes in the analysis of political systems worldwide.
- 351 Constitutional Law: Criminal Procedure**3 cr
Prereq: POLS 100 and POLS 216 Freq: Every 3rd semester.
 An in-depth analysis of the constitutional limitations upon government procedures used to in bringing criminals to justice. Included in this analysis are search and seizure, stop and frisk, arrest, evidence, interrogation and confession, identification, remedies for constitutional violations, initiating formal procedures, trial and conviction, sentencing, and death penalty.
- 356 Political Sociology**.....3 cr
Prereq: SOCA 100 or 101. Freq: Alternate years.
 An examination of the relationship between politics and the larger social structure, e.g., structure of power in the U. S., state, and the economy; political consciousness and the debate on the changing nature of industrial societies. Cross-listed as SOCA 356.
- 360 Political Parties and Interest Groups**.....3 cr
Prereq: POLS 100, 200 (or concurrent registration in 200).
Freq: Alternate years.
 Political party development in the United States; structure, functions, and behavior of parties and pressure groups; responsiveness to the electorate and public opinion; and some theories on the role of parties and interest groups in a democracy. Comparative material included.
- 365 Theories of Public Organization**3 cr
Prereq: POLS 100. Freq: Occasionally.
 Focuses on the classic literature and theories of public organizations. Topics include scientific management, human relations, systems thinking, the consumer satisfaction paradigm and modern theories of bureaucracy.
- 375 Campaigns and Elections**3 cr
Prereq: POLS 100 and 200 (or concurrent registration in 200).
Freq: Alternate years.
 Strategies, tactics and resources used in modern political campaigns and their implications. Examination of the U.S. electoral process and proposals for change.
- 385 Public Opinion**3 cr
Prereq: POLS 100 and 200 (or concurrent registration in 200).
Freq: Alternate years.
 Formation and interpretation of public opinion and consequence for governance. An analysis of the strengths and weaknesses of opinion surveys will be featured.
- 390 Special Topics**3 cr
Prereq: None. Freq. Occasionally
 Selected topics in political science will be examined. May be repeated for credit with different topic.
- 400 Internship**1-12 cr
Prereq: POLS 100, 200, junior standing.
Freq: Fall, Spring, Summer.
 Student internship in state, regional, county or local government offices or in the offices of elected officials. A maximum of 6 credits of internship can be counted toward meeting the credit-hour requirements for the major. Internship credit does not count toward the 15 credits of upper-division course work required for the major.
- 395 Voting Behavior and Political Participation**.....3 cr
Prereq: POLS 100 and 200 (or concurrent registration in 200).
Freq: Alternate years.
 Examination and criticism of several competing explanations of voting behavior and political participation in the United States. The dynamics of citizen involvement in the political process will be featured.
- 415 International Law** 3 cr
Prereq: Senior standing, POLS 104, 200. Freq: Occasionally.
 Survey course in the international legal relationships among actors in world politics. Although much of the course is an overview of the legal framework of public international law, various case studies are investigated.
- 444 Legal Studies Capstone**3 cr
Prereq: Senior standing, POLS 209, POLS 216. Freq: Fall
 Moot court experience in which students have the opportunity to apply legal research and legal argumentation skills.
- 445 Senior Seminar in Political Science**3 cr
Prereq: Senior standing. Freq: Every third semester.
 A capstone research experience for majors in their last year. Also serves to assess mastery of the discipline of political science. Required of all political science majors who are not concentrating in legal studies. Required civic initiative project.
- 490 Special Topics in Political Science**.....3 cr
Prereq: POLS 100 or consent of instructor and section prereq.
Freq: Occasionally.
 Select topics in political science will be studied at an advanced level.
- 499 Independent Study**1-3 cr
Prereq: POLS 200, 206, junior standing; consent of instructor and department chair. Freq: Fall, Spring, Summer.
 Each student who wishes to take independent study must work out a program with a member of the political science faculty. A maximum of 3 credits of independent study may be applied toward meeting the credit-hour requirements for the major. Independent study credit does not count toward the 15 credits of upper-division course work required for the major.

PSYCHOLOGY

Molinaro 275 • 262-595-2658 • Keyword: *Psychology*

Degree Offered:

Bachelor of Science.

Professors:

Gurtman, Ph.D.; Keating, Ph.D.

Associate Professors:

Beach, Ph.D.; Beyer, Ph.D.; Colston, Ph.D. (Chair); Walter, Ph.D.

Clinical Professor:

Conrad, Ph.D.

Student Organizations/Clubs:

Psi Chi, Psychology Club

Career Possibilities:

Typical careers are in mental health and criminal justice settings including hospitals, half-way houses/group homes, parole and probation, and hospice programs. Some public sector and business-related careers are personnel testing, research, advertising and human resources. For those who obtain a master's or Ph.D. degree, career opportunities are greater; jobs are available in mental health as well as research, teaching and business. Some of the mental health careers are clinical psychologist, social worker, professional counselor, marriage and family counselor, and school psychologist.

Department Overview

The psychology major provides a broadly-based education in the content, methods, principles and theories of the science of psychology. The required courses in the major expose students to the traditional important subject areas of psychology and the elective courses in the major allow students the flexibility to pursue their own interests and goals.

Students who are considering psychology as a major should speak with a psychology faculty member early in their education. This will allow them to develop a long-range plan that best meets their educational and career goals.

Students who intend to pursue graduate study in psychology or a related field should discuss this with their adviser as early as possible to develop a plan of study that will prepare them for graduate school.

These students should also plan on taking more than the minimum 36 credits for the major, and on completing an Independent Study Research Project (PSYC 499) or Externship (PSYC 410) under the guidance of a faculty member.

Students interested in bachelor-level employment in psychology should take courses in the program that emphasize the appropriate skills and knowledge. Students whose interests are in the social service and mental health areas should complete the recommended sequence of courses for employment in these areas.

Students majoring in psychology may be eligible for membership in Psi Chi, the national honor society in Psychology. This organization, which is affiliated with the Psychology Club, co-sponsors activities that are of broad interest to psychology students (e.g., workshops on graduate school, discussions of employment opportunities). Consult the department for information about how to join Psi Chi and/or the Psychology Club, as well as for a schedule of events.

Requirements for Admission to the Psychology Major

Students must have 15 credits overall, a passing grade in General Psychology (PSYC 101), and a cumulative GPA of 2.50 in order to be eligible for entrance into the major. Transfer students are special cases and will be considered on an individual basis.

Requirements for Graduation from the Psychology Major

The psychology major consists of a minimum of 36 credits.

A. Core Courses - 9 credits

PSYC 101	General Psychology	3 cr
PSYC 250	Psychological Statistics	3 cr
PSYC 300	Research Methods	3 cr

B. Basic Processes Courses - 6 credits

PSYC 301	Learning	3 cr
PSYC 305	Cognition and Memory	3 cr
PSYC 306	Sensation and Perception	3 cr
PSYC 325	Physiological Psychology	3 cr

C. Upper-Level Courses (psychology courses numbered 300 and above) – 12 credits.

D. Elective Courses (psychology courses other than 222 and 230) – 9 credits.

NOTE: Externships and Independent Study (PSYC 410 and 499) do not count toward the advanced course requirements. In addition, only 6 credits of these courses may be applied to the major.

Requirements for the Psychology Minor

The minor program offers an organized curriculum for students who wish to develop a core understanding of psychology. The minor is not meant for students whose primary interest is the study of psychology. Instead, it is a complement to other fields of study where knowledge of psychology and its methods would be beneficial.

The psychology minor requires a minimum of 21 credits.

A. Core Courses - 9 credits

PSYC 101	General Psychology	3 cr
PSYC 250	Psychological Statistics	3 cr
PSYC 300	Research Methods.	3 cr

B. Basic Processes Courses - 3 credits

PSYC 301	Learning	3 cr
PSYC 305	Cognition & Memory	3 cr
PSYC 306	Sensation & Perception	3 cr
PSYC 325	Physiological Psychology.	3 cr

C. Upper-Level Courses (psychology courses numbered 300 and above) – excluding Externships and Independent Study - 3 credits.

D. Elective Courses (psychology courses other than 222 and 230) - 6 credits.

NOTE: Equivalent courses in statistical or quantitative methods may be substituted for Psychology 250 only if taken in fulfillment of a student's major program.

Certificate Program in Mental Health

The Certificate Program in Mental Health is an innovative, new program designed to teach students the kinds of applied skills necessary for successful entry-level employment in clinical settings.

Core courses include:

PSYC 318	Psychological Assessment	3cr
PSYC 330	Interviewing.	3cr
PSYC 331	Counseling Psychology	3cr
PSYC 360	Abnormal Psychology	3cr

These courses are complemented with electives (6 credits) outside the program that address issues in diversity, special populations, and social problems.

For further information about the program, including specific requirements for completion, contact one of the program advisors, either Edward Conrad or Michael Gurtman.

Courses in Psychology (PSYC)

101 General Psychology.....3 cr
Prereq: None. Freq: Fall, Spring.

An overview of the major areas of study in psychology. Includes research findings, scientific theories, controversies, methods and applications.

210 Introduction to Human Development.....3 cr
Prereq: PSYC 101. Freq: Fall, Spring.

An introductory survey of general principles, major topics and methods of study in human development throughout the life span.

213 Human Development Discussion for Nursing.....1 cr
Prereq: Concurrent PSYC 210; Pre-Nursing admission.

Freq: Fall, Spring.

Scientific and developmental discussion of PSYC 210 content, naturalistic observation methods, and nature, causes, and consequences of poverty. Enrollment restricted to students in the UWM/UW-P Consortial Nursing program.

220 Social Psychology.....3 cr
Prereq: PSYC 101. Freq: Fall, Spring.

The study of the individual in social contexts. Topics include person perception, attribution processes, the self, interpersonal attraction, attitude formation, aggression, prosocial behavior and social influence.

222 Psychology of Drug Use.....3 cr
Prereq: PSYC 101 or BIOS 101. Freq: Fall.

Psychological aspects of the use and abuse of depressants, stimulants, and psychedelics. Topics include motivations for drug use, role of values, and drug user rehabilitation.

230 Psychology of Human Sexuality.....3 cr
Prereq: PSYC 101. Freq: Occasionally.

Human sexual behavior, including norms and variations, sexual development, dysfunctions and deviations, attitudes and values.

241 Psychology of Aging.....3 cr
Prereq: PSYC 101. Freq: Spring.

Survey of research and theory on the human aging process including physical, cognitive, and social sciences.

250 Psychological Statistics.....3 cr
Prereq: PSYC 101, Completion of Computational Skills requirement. Freq: Fall, Spring.

Application of descriptive and inferential statistics to the research problems of psychology. Projects include computer analysis of data.

260 Psychology of Personality.....3 cr
Prereq: PSYC 101. Freq: Fall, Spring.

Theories, models, and conceptions of personality, methods of studying personality, and research findings.

270 Consumer Psychology.....3 cr
Prereq: PSYC 101. Freq: Occasionally.

Applications of psychological principles to the analysis and evaluation of consumer behavior, consumer preferences and motivations, advertising effectiveness, marketing research, and methods of study.

280 Psychology of Gender.....3 cr
Prereq: PSYC 101. Freq: Spring.

Research on the effects of gender on cognition, personality, emotions, interpersonal relations, labor-force participation and behavior. Theories of gender role development and gender typing are examined.

290 Special Topics in Psychology.....1-4 cr
Prereq: PSYC 101. Freq: Occasionally.

Selected topics in psychology.

- 300 Research Methods**3 cr
Prereq: PSYC 101, 250, Completion of Reading and Writing Skills and Information Literacy requirements. Freq: Fall, Spring.
 Scientific methods in psychology. Includes research design, data collection and interpretation, computer-based statistical analysis, and writing research reports.
- 301 Learning**.....3 cr
Prereq: PSYC 300. Freq: Fall.
 Theory and research concerning animal and human learning. Topics include theories of classical and operant conditioning, and models of the brain. Classroom learning, behavior modification, and other applications are discussed.
- 304 Language Development**.....3 cr
Prereq: PSYC 101 or ENGL 187. Freq: Fall.
 The child's development of the sounds, grammar, meanings, and social knowledge that underlie the ability to use language; theories of language acquisition; and the relation of oral language to the acquisition of literacy.
- 305 Cognition and Memory**3 cr
Prereq: PSYC 300. Freq: Spring.
 Theory and research concerning complex human abilities and mental activities. Topics include perception, learning, memory, language, thinking, problem solving, decision making, and artificial intelligence.
- 306 Sensation and Perception**3 cr
Prereq: PSYC 101 or BIOS 101. Freq: Fall.
 Analysis of the sensory organs and perceptual mechanisms used in vision, hearing, touch, odor, and smell. Primary emphasis is on vision and audition.
- 307 Cross-Cultural Psychology**3 cr
Prereq: PSYC 101. Freq: Spring.
 The study of the ways in which culture influences human development, learning, personality, and other aspects of psychological functioning.
- 318 Psychological Assessment**.....3 cr
Prereq: PSYC 101, 250. Freq: Fall.
 Assessment of individual characteristics including issues related to measurement, test construction, test usage, reliability and validity, and specialized applications.
- 325 Physiological Psychology**.....3 cr
Prereq: PSYC 101 or BIOS 101. Freq: Spring.
 Biological bases of behavior, including neurophysiological and neurochemical processes. Cross listed as BIOS 325.
- 330 Interviewing**.....3 cr
Prereq: PSYC 101 and 6 credits in psychology, sociology or business. Freq: Spring.
 Uses and forms of interviewing; problems of interview communication, reliability, and validity; interview strategies, techniques, and tactics; and behavioral processes and research on interviewing.
- 331 Counseling Psychology**4 cr
Prereq: PSYC 101, 260. Freq: Fall.
 Fundamental techniques of counseling, including counseling relationship skills, assessment of client problems, exploration of behavioral alternatives, and applying psychological principles to effect personal change. Lab will allow application of counseling principles. Four-hour lecture.
- 335 Human Development - Childhood and Adolescence**3 cr
Prereq: PSYC 210, 300. Freq: Fall.
 Advanced coverage of theories, concepts and research pertaining to human development from conception through adolescence.
- 360 Abnormal Psychology**3 cr
Prereq: PSYC 260. Freq: Spring.
 Mental and behavioral disorders including theoretical models, diagnosis and classification, research findings, and treatment approaches.
- 362 Theories of Psychotherapy**3 cr
Prereq: PSYC 260 Freq: Spring.
 A comparative examination of the major, systematic approaches to psychotherapy. Case study analyses will be integrated with theory. Research findings on the process and outcome of psychotherapy.
- 363 Health Psychology**3 cr
Prereq: PSYC 220 or 260. Freq: Spring.
 An introduction to the major theoretical approaches, research findings, and principles of health psychology. Topics include stress and coping; and the role of lifestyle, personality, and social support in health and illness. Links between psychology and specific diseases will be considered.
- 370 Psychology of Evil**.....3 cr
Prereq: PSYC 220 or CRMJ 101, and consent of instructor. Freq: Fall.
 Cruelty and violence directed by one person or group to another is a major concern for all people. This course relies on the findings of learning theory, social psychology, and other areas of psychological research to explore the issue of human violence. The specific goal is to look beyond the perspective of the victim or observer to examine how the perpetrator of cruelty and violence views those acts. Cross-listed with CRMJ 370 and HUMA 370.
- 380 Psychology of Gender**3 cr
Prereq: PSYC 300 or SOCA 295. Freq: Spring.
 Research on the effects of gender on cognition, personality, emotions, interpersonal relations, labor-force participation and behavior. Theories of gender role development and gender typing are examined.
- 390 Special Topics in Psychology**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
- 410 Externship in Psychology**.....3 cr
Prereq: 18 credits in psychology, 3.00 GPA in psychology courses and consent of instructor. Freq: Fall, Spring.
 Supervised experiences in planned projects done in a community setting.

421 Advanced Social Psychology.....3 cr

Prereq: PSYC 220 and 300. Freq: Yearly.

This seminar explores a subject area within social psychology (e.g., the self, stereotyping, social perception, etc.) in an in-depth manner. The course emphasizes the empirical nature of social psychology and teaches research skills.

441 Advanced Human Development Seminar3 cr

Prereq: PSYC 210 and PSYC 300. Freq: Fall.

Focused study of a specific developmental topic such as moral development, adult cognitive development, Piagetian theory, etc. Primary reliance on advanced methodological issues, research reports, and primary theoretical sources.

490 Special Topics in Psychology1-3 cr

Prereq: Consent of instructor. Freq: Occasionally.

Special topics in Psychology studied at an advanced level.

497 Thesis in Psychology1-3 cr

Prereq: Consent of instructor. Freq: Occasionally.

499 Independent Study1-6 cr

Prereq: Consent of instructor and department chair. Freq: Fall, Spring.

SOCIOLOGY/ANTHROPOLOGY

Greenquist 318 • 262-595-2177 • Keyword: *Sociology*

Degree Offered:

Bachelor of Arts.

Professors:

Statham, Ph.D.; Trager, Ph.D.

Associate Professors:

Rosenberg, Ph.D. (Chair); Schleiter, Ph.D.; Schutte, Ph.D.; Wang, Ph.D.

Assistant Professors:

Goldsmith, Ph.D.; St. Jean, Ph.D.; Sasso, Ph.D.

Lecturer:

Reinders, M.A.

Student Organizations/Clubs:

Sociological Thinkers, Parkside Anthropological Society

Career Possibilities:

Social services (rehabilitation, case management, group work with youth or the elderly, recreation, or administration); community work (social service and nonprofit organizations, child-care or community development agencies, or environmental groups); corrections (probation, parole, or other criminal justice work); business (advertising, marketing and consumer research, insurance, real estate, personnel work, training, or sales); college settings (admissions, alumni relations, or placement offices); health services (family planning, substance abuse, rehabilitation counseling, health planning, hospital admissions, and insurance companies); publishing, journalism, and public relations (writing, research, and editing); government (federal, state, and local government jobs in such areas as transportation, housing, agriculture, labor, and historic preservation); teaching (elementary and secondary schools, in conjunction with appropriate teacher certification); contract archaeology and cultural resource management, forensic anthropology, and museum work.

Department Overview

Sociology and anthropology are complementary approaches to the study of society and culture. While sociologists usually study modern urban industrial societies, anthropologists take a broader perspective by focusing on non-industrial as well as fully industrialized cultures.

Sociology is the scientific study of the processes and patterns of individual and group interaction, of the forms of social organization, and of the influence of group pressures upon individual behavior. Opportunities are available for the application of sociological knowledge and the use of critical thinking to clarify social problems and evaluate policies of public and private agencies, particularly by field experiences in such areas as industrial

organizations, social change, intergroup relations, criminal justice, and social welfare.

Anthropology is the scientific study of human life and culture, past and present. It is concerned with human biological and cultural adaptations to physical and social environment throughout time and in all parts of the world. The basic themes of anthropology include adaptation, evolution, and change. Opportunities exist to apply anthropological knowledge to many problems of modern society, including the social impact of development, economic and political change, and cultural resource management.

The sociology major offers a breadth of exposure to subject matter in both sociology and anthropology, with grounding in the theories and methods of these disciplines. The curriculum includes an understanding of theories and methods used by sociologists and anthropologists, as well as substantive areas to which these theories and methods are applied. The student interested in studying and working in such areas as social change, cultural resource management, museum work, and forensic science may elect a formal concentration in anthropology.

Preparation for Graduate School

Students who graduate with a bachelor's degree in sociology are qualified to enter graduate and professional programs in many fields such as public administration and social service administration. Those opting for the anthropology concentration are likewise qualified to enter a variety of fields, including historic preservation, cultural resource management, forensic anthropology, museum studies, global studies, and international development.

Requirements for the Sociology Major

In order to be accepted as a major in sociology, a student must have a 2.25 GPA overall and must have completed SOCA 100 or 101. Upon completion of the major, the student must have demonstrated writing competency by completing ENGL 201 or ENGL 202 with a grade of C or better. A major in sociology consists of a minimum of 35 credits. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Under consultation with a faculty member, an advanced student may opt to "design" his/her own course as an independent study in sociology/anthropology. The student must work with a faculty member whose expertise is in the selected topic. Together, they negotiate the focus and content of the course, materials to be examined, and so forth. The following core courses, to be completed by the end of the junior year or prior to the completion of 90 credit hours of study, are required of all students majoring in sociology:

Standard Major

Core Courses (17 credits)

SOCA 100	Introduction to Anthropology	3 cr
or		
SOCA 101	Introduction to Sociology	3 cr
SOCA 250	Statistics for the Social Sciences	4 cr
SOCA 295	Social Science Research Methods	2 cr
SOCA 300	Data Collection and Analysis	2 cr
SOCA 301	Introduction to Sociological Theory	3 cr
or		
SOCA 302	Anthropological Theory	3 cr
SOCA 495	Senior Seminar	3 cr

Elective Courses (18 credits)

Satisfy either Format 1 or Format 2 with at least 12 credits in upper-level (300-400 level) courses. Courses may be counted only once within any format.

Format

1. Select two of the following areas and complete at least three courses under each area (see below), or
2. Complete one course from at least four of the specialization areas (see below). And then, the student may:
 - a. choose to specialize in a particular area or
 - b. choose one course each from two additional areas.

Criminology and Deviance

SOCA 102	Contemporary Social Problems	3 cr
SOCA 216	Social Issues in Substance Use and Abuse	3 cr
SOCA 233	Criminology	3 cr
SOCA 234	Juvenile Delinquency/Juvenile Justice	3 cr
SOCA 235	Police & Society	3 cr
SOCA 320	Sociological Social Psychology	3 cr
SOCA 331	Deviant Behavior	3 cr
SOCA 332	Sociology of Mental Illness	3 cr
SOCA 352	Law and Social Change	3 cr
SOCA 359	Sociology of Law	3 cr
SOCA 363	Corrections	3 cr
SOCA 365	Race, Crime, and Law	3 cr
SOCA 368	Victimology	3 cr
SOCA 385	Media, Crime and Criminal Justice	3 cr

Family and Human Services

SOCA 206	Race and Ethnic Relations in the U.S.	3 cr
SOCA 207	Marriage and Family	3 cr
SOCA 213	Gender and Society	3 cr
SOCA 216	Social Issues in Substance Use and Abuse	3 cr
SOCA 226	Peoples of Africa	3 cr
SOCA 227	North American Indians	3 cr
SOCA 234	Juvenile Delinquency/Juvenile Justice	3 cr
SOCA 243	Latinas/os in the U.S.	3 cr
SOCA 319	Death and Dying	3 cr
SOCA 320	Sociological Social Psychology	3 cr
SOCA 323	Institutional Racism in America	3 cr
SOCA 324	African American Studies	3 cr

SOCA 325	Comparative Race and Ethnic Relations	3 cr
SOCA 326	Social Gerontology	3 cr
SOCA 328	Asians in American Society	3 cr
SOCA 330	Sport in Society	3 cr
SOCA 332	Sociology of Mental Illness	3 cr
SOCA 336	Childhood and Society	3 cr
SOCA 354	Class, Status, and Power	3 cr
SOCA 372	Technology and Society	3 cr
SOCA 375	Sociology of Education	3 cr
SOCA 380	Social Welfare as a Social Institution	3 cr
SOCA 430	Medical Sociology	3 cr

Race and Ethnic Relations

SOCA 206	Race and Ethnic Relations in the U.S.	3 cr
SOCA 226	Peoples of Africa	3 cr
SOCA 227	North American Indians	3 cr
SOCA 243	Latinas/os in the U.S.	3 cr
SOCA 323	Institutional Racism in America	3 cr
SOCA 324	African-American Studies	3 cr
SOCA 325	Comparative Race and Ethnic Relations	3 cr
SOCA 328	Asians in American Society	3 cr
SOCA 354	Class, Status, and Power	3 cr

Urban Institutions and the Occupational World

SOCA 213	Gender and Society	3 cr
SOCA 235	Police & Society	3 cr
SOCA 319	Death and Dying	3 cr
SOCA 321	Religion and Society	3 cr
SOCA 322	Sociology of Language and Knowledge	3 cr
SOCA 323	Institutional Racism in America	3 cr
SOCA 330	Sport in Society	3 cr
SOCA 352	Law and Social Change	3 cr
SOCA 354	Class, Status, and Power	3 cr
SOCA 355	Urbanism and Urbanization	3 cr
SOCA 356	Political Sociology	3 cr
SOCA 358	Introduction to Population Studies	3 cr
SOCA 362	Migration and Immigration	3 cr
SOCA 363	Corrections	3 cr
SOCA 371	Occupations and Professions	3 cr
SOCA 372	Technology and Society	3 cr
SOCA 373	Bureaucracy in Modern Society	3 cr
SOCA 374	Women and Work	3 cr
SOCA 375	Sociology of Education	3 cr
SOCA 379	Society and Environment	3 cr
SOCA 380	Social Welfare as a Social Institution	3 cr
SOCA 430	Medical Sociology	3 cr

Evaluation and Practice

SOCA 304	Skill Development in Leadership	3 cr
SOCA 306	Research in Community Needs	3 cr
SOCA 455	Development and Change	3 cr
SOCA 492	Internship in Sociology	3 cr

Concentration in Anthropology

The concentration in anthropology provides an introduction to the major subfields of anthropology: cultural anthropology, physical anthropology, and archaeology. The concentration emphasizes the comparative study of society and culture. It uses

a variety of analytical approaches to study human evolution, the organization of traditional societies and cultures, and change in contemporary societies and cultures. Students are required to gain first-hand exposure to anthropological research methods and approaches in one of the subfields. The anthropology fieldwork requirement may be met by working on a faculty research project or by carrying out an independent research or internship project.

The following requirements are to be met. A total of 33 hours for the major must be completed, of which 15 must be at the 300 level or above.

1. Core courses in Sociology and Anthropology (11 credits)

SOCA 250	Statistics for the Social Sciences	4 cr
SOCA 295	Social Science Research Methods	2 cr
SOCA 300	Data Collection and Analysis	2 cr
SOCA 301	Introduction to Sociological Theory	3 cr
or		
SOCA 302	Anthropological Theory	3 cr

2. Program Overview Courses (12 credits)

SOCA 100	Introduction to Anthropology	3 cr
SOCA 202	Cultural Anthropology	3 cr
SOCA 204	Human Evolution	3 cr
SOCA 208	Introduction to Archaeology	3 cr

3. Regional Ethnographic Course (3 credits)

SOCA 226	Peoples of Africa	3 cr
SOCA 227	North American Indians	3 cr

4. A minimum of 6 credits from the following

SOCA 240	Cross-Cultural Encounters	3 cr
SOCA 310	Forensic Anthropology	3 cr
SOCA 321	Religion and Society	3 cr
SOCA 322	Sociology of Language and Knowledge	3 cr
SOCA 325	Comparative Race and Ethnic Relations	3 cr
SOCA 327	Archaeology of North America	3 cr
SOCA 355	Urbanism and Urbanization	3 cr
SOCA 357	Livelihoods and Exchange	3 cr
SOCA 362	Migration and Immigration	3 cr
SOCA 455	Development and Change	3 cr
SOCA 482	Human Ecology	3 cr

5. Anthropology Fieldwork (3 credits)

SOCA 491	Anthropology Fieldwork/Internship 1-10 cr
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Requirements for a Minor in Sociology and Anthropology

The minor in sociology and anthropology consists of a minimum of 21 credits, distributed as follows:

Required Courses (9 credits)

SOCA 100	Introduction to Anthropology	3 cr
or		
SOCA 101	Introduction to Sociology	3 cr
SOCA 202	Cultural Anthropology	3 cr
SOCA 295	Social Science Research Methods	2 cr
SOCA 300	Data Collection and Analysis	1 cr

United States Cultures and Society (6 credits)

SOCA 206	Race and Ethnic Relations in the U.S.	3 cr
SOCA 207	Marriage and the Family	3 cr
SOCA 213	Gender and Society	3 cr
SOCA 216	Social Issues in Substance Use and Abuse	3 cr
SOCA 234	Sociology of Crime and Delinquency	3 cr
SOCA 243	Latinas/os in the U.S.	3 cr
SOCA 323	Institutional Racism	3 cr
SOCA 324	African American Studies	3 cr
SOCA 328	Asians in American Society	3 cr
SOCA 331	Deviant Behavior	3 cr
SOCA 354	Class, Status, and Power	3 cr
SOCA 371	Occupations and Professions	3 cr
SOCA 375	Sociology of Education	3 cr

Comparative Non-Western Cultures (6 credits)

SOCA 226	Peoples of Africa	3 cr
SOCA 227	North American Indians	3 cr
SOCA 240	Cross-Cultural Encounters	3 cr
SOCA 321	Religion and Society	3 cr
SOCA 322	Sociology of Language and Knowledge	3 cr
SOCA 325	Comparative Race and Ethnic Relations	3 cr
SOCA 355	Urbanism and Urbanization	3 cr
SOCA 357	Livelihoods and Exchange	3 cr
SOCA 362	Migration and Immigration	3 cr
SOCA 455	Development and Change	3 cr
SOCA 482	Human Ecology	3 cr

Of the total 21 credits required for the minor, at least 6 must be at the 300 or 400 level.

Teacher Licensure

Students seeking teacher licensure in the sociology major or minor must fulfill Wisconsin Department of Public Instruction requirements. Additional information about the teacher education program and other requirements for licensure can be obtained from the teacher education adviser at 262-595-2100.

Courses in Sociology/Anthropology (SOCA)

100 Introduction to Anthropology 3 cr
Prereq: None. Freq: Fall, Spring.

A survey of human evolution and culture. Introduces the subfields within anthropology: physical anthropology, archaeology, cultural anthropology and linguistics.

101 Introduction to Sociology 3 cr
Prereq: None. Freq: Fall, Spring, Summer.

Sociology as a special field of behavioral science, examines social relations, social organization and social systems through the study of process, structure, and function.

- 102 Contemporary Social Problems**.....3 cr
Prereq: None. Freq: Fall, Spring, Summer.
 Sociological examination of selected major problems facing modern society. Analysis of important issues of public and academic concern; e.g., overpopulation, poverty, women's issues, alienation.
- 202 Cultural Anthropology**.....3 cr
Prereq: SOCA 100 or 101. Freq: Fall.
 Basic theoretical concepts and an analysis of cultural systems and social institutions in a cross-cultural frame of reference. Cross listed as INTS 210.
- 204 Human Evolution**3 cr
Prereq: SOCA 100 or 101. Freq: Yearly.
 Analysis of the fossil evidence for human evolution. Modern human genetics, evolutionary theory, and racial variation within the human species.
- 206 Race and Ethnic Relations in the U.S.**3 cr
Prereq: SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
 Introduction to the formation and dynamics of ethnic and race relations in the United States and their social consequences in terms of the categorization of people and the distribution of their life chances.
- 207 Marriage and Family**3 cr
Prereq: SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
 Nature and functions of the family; cross cultural and/or life course comparisons of marriage and family arrangements; gender role training; premarital and marital social and sexual activities, power dynamics, and other family processes.
- 208 Introduction to Archaeology**3 cr
Prereq: SOCA 100. Freq: Every third semester.
 Concepts and methods for the scientific study of prehistoric cultures. Discussion of field methods, laboratory analysis, archaeological theory, and major trends in world prehistory.
- 213 Gender and Society**.....3 cr
Prereq: 3 credits in sociology. Freq: Fall, Spring.
 Overview of theory and research on gender roles and gender stratification, focusing on political, economic, family and other settings; historical, cross cultural and subcultural comparisons.
- 216 Social Issues in Substance Use and Abuse**3 cr
Prereq: 3 credits in sociology. Freq: Occasionally.
 An overview of theory and research on substance abuse including legal (alcohol, tobacco) and controlled substances. The focus is on differences in patterns of chemical use within historical, cultural and class contexts.
- 226 Peoples of Africa**3 cr
Prereq: SOCA 100 or 101. Freq: Fall.
 A survey of the societies and cultures of Africa. Discusses history, cultural variation, and contemporary social change. Cross listed as INTS 226.
- 227 North American Indians**3 cr
Prereq: SOCA 100 or 101. Freq: Yearly.
 An anthropological survey of American Indian cultures of the United States and Canada. Focus on various aspects of culture, history and recent culture change.
- 233 Criminology**3 cr
Prereq: SOCA 100 or 101 or CRMJ 101 or consent of instructor. Freq: Fall, Spring.
 Examination of past and current theory and research. Crime as a consequence of social, economic, political, and personal factors. Critique of approaches to prevention and correction. Cross listed as CRMJ 233.
- 234 Juvenile Delinquency/Juvenile Justice**3 cr
Prereq: SOCA 100 or 101 or CRMJ 101 or consent of instructor. Freq: Yearly.
 Conceptions of juvenile delinquency; the juvenile offender in the juvenile justice system; the philosophy, structure and function of juvenile courts; philosophy, development, and organization of diversion, detention and treatment of the juvenile offender. Cross listed as CRMJ 234.
- 235 Police & Society**.....3 cr
Prereq: SOCA 100 or 101 or CRMJ 101 or consent of instructor. Freq: Yearly.
 A study of the various levels, roles and functions of law enforcement in America. The nature and responsibilities of law enforcement are discussed and evaluated including police accountability and civil liability. Examines the racial, ethnic, and gender issues in law enforcement. Cross listed as CRMJ 235.
- 240 Cross-Cultural Encounters**.....3 cr
Prereq: None. Freq: Occasionally.
 Cross-cultural interaction, communication, and value differences; applications for those planning to travel, live, work in a new cultural context.
- 243 Latinas/os in the United States**3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
 Survey of Latino groups in the United States; focus on the Latino experience (i.e. immigration, causes and consequences of minority status; current socioeconomic position, racial and ethnic identity).
- 250 Statistics for the Social Sciences**4 cr
Prereq: MATH 111, computational skills requirement (MATH 102), or consent of instructor. Freq: Fall, Spring.
 Descriptive and inferential statistics as applied to nominal, ordinal, and interval measurements of behavior. Examples selected from behavioral-science data.
- 290 Special Topics in Sociology and/or Anthropology** ...1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in sociology and/or anthropology will be examined.

- 295 Social Science Research Methods**2 cr
Prereq: SOCA 100 or 101 and Sophomore standing.
Freq: Fall, Spring.
 Introduction to philosophies, methods and problems of social research; sampling and data collection techniques; questionnaire construction, interviewing techniques, field methods, and content analysis.
- 300 Data Collection and Analysis**.....1-3 cr
Prereq: SOCA 295 or concurrent registration, or consent of instructor. Freq: Fall, Spring.
 Specific methods of data collection and analysis. Topics will vary. May be taken more than once for credit. A minimum of 2 credits are required for the sociology-anthropology major.
- 301 Introduction to Sociological Theory**3 cr
Prereq: SOCA 100 or 101 and Junior standing. Freq: Fall, Spring.
 Introduction to major sociological concepts and theories, and their application in the analysis of social structures and processes.
- 302 Anthropological Theory**.....3 cr
Prereq: SOCA 100 or 101 and Junior standing. Freq: Occasionally.
 Examines contemporary theories in social and cultural anthropology, including evolutionist, structural functionalist, and symbolic approaches.
- 304 Skill Development in Leadership**1 cr
Prereq: SOCA 100 or 101; Junior standing.
Freq: Every third semester.
 Sociological perspectives and intensive training in an important aspect of grass-roots leadership. The particular focus of the course will vary. Areas include grant writing, team building, and working with media. The class can be taken more than once for credit.
- 306 Research in Community Needs**.....3 cr
Prereq: SOCA 100 or 101; Junior standing.
Freq: Every third semester.
 Assessment of the needs of a community or environment using the methods of evaluation research.
- 310 Forensic Anthropology**3 cr
Prereq: SOCA 204 or consent of instructor. Freq: Fall.
 A laboratory/lecture course for the identification of human skeletal remains for legal purposes. The establishment from skeletal remains of the age, sex, race, and stature of the deceased. Bones will be studied as a source of evidence of various traumas and physical abnormalities as well as for details of health and nutritional history of a deceased.
- 319 Death and Dying**3 cr
Prereq: SOCA 101; Freq: Occasionally.
 Sociological analysis of patterns of behavior and beliefs about death, dying, and bereavement. Medical, legal, and ethical issues are also studied.
- 320 Sociological Social Psychology**3 cr
Prereq: SOCA 100 or 101 and 3 additional credits in sociology, or consent of instructor. Freq: Alternate Springs.
 A sociological approach to micro-level, interpersonal issues including basic social psychological theories, group processes and dynamics, the micro-level impact of race, class and gender, and postmodern analysis of the dissolution of the self.
- 321 Religion and Society**3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 Comparative study of religion and society with an emphasis on the major religious traditions. Examination of the relationship between religions, beliefs and social values.
- 322 Sociology of Language and Knowledge**3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 An introduction to the concepts, theoretical frameworks and concerns of sociolinguists. Emphasis of ethnomethodology, language planning (such as bilingual education, professional languages), and cultural politics affecting linguistic minorities (language maintenance, language shift, and language choice as a human right).
- 323 Institutional Racism in America**.....3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
 Analysis of racism in America's social institutions (i.e., law, family, workplace, sports, education, mass media). An examination of social, economic and political institutions within racial/ethnic communities and their relationship to the larger American society.
- 324 African American Studies**.....3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
 Examines the experiences of African Americans, both current and historical, using a variety of theoretical models and perspectives; macro-level contexts of those experiences.
- 325 Comparative Race and Ethnic Relations**3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
 A comparison and analysis of race and ethnic relations across at least three different societies.
- 326 Social Gerontology**.....3 cr
Prereq: SOCA 100 or 101 or Junior standing or consent of instructor. Freq: Fall.
 Examination of quality of life issues among elderly; focuses on medical, social, educational, recreational and economic institutions.
- 327 Archaeology of North America**.....3 cr
Prereq: SOCA 100 or 208. Freq: Occasionally.
 Focus on evidence for human migration to the New World and the examination of subsequent cultural developments in all major regions of North America lying north of Mexico.
- 328 Asians in American Society**3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 Examines the experiences of Asian Americans as well as Pacific Islanders through critical analysis of various race relations models. Topics cover history, current status, and analyses of selected institutions affecting the two groups.
- 330 Sport in Society**3 cr
Prereq: None. Freq: Fall, Spring
 A survey of the past and present roles sports has played within our society including its impact on the educational system, the media, the family, and economic structures. Areas including heritage, social status, personality and race will be addressed.

- 331 Deviant Behavior**3 cr
Prereq: SOCA 100 or 101 and Junior standing.
Freq: Alternate Falls.
 A survey of theoretical perspectives on deviant behavior which traces the development of how deviance is defined, explained and controlled.
- 332 Sociology of Mental Illness**3 cr
Prereq: SOCA 100 or 101 and Junior standing. Freq: Occasionally.
 Mental illness as a social role/social label is examined in terms of institutional and sociocultural factors.
- 336 Childhood and Society**.....3cr
Prereq: SOCA 100 or 101. Freq: Even years.
 An examination of childhood as a socially constructed idea which has a profound effect on our lives and our communities; ever-changing images, definitions, agreements, and rules about childhood; the social structures incorporating childhood; the relationship of childhood to power distributions and economic inequalities.
- 352 Law and Social Change**.....3 cr
Prereq: SOCA 100 or 101 or CRMJ 101, or consent of instructor.
Freq: Fall.
 This course will provide a broad theoretical background against which to explore policies in the system of law, in definition and enforcement of the law, and to follow those policies as they have been and are presently affected by social change. Cross listed as CRMJ 352.
- 354 Class, Status, and Power**3 cr
Prereq: SOCA 100 or 101. Freq: Yearly.
 Patterns of inequalities and their relationship to social conflict, social organization, belief systems, race/ethnic identities, gender roles, and global systems of wealth and power.
- 355 Urbanism and Urbanization**.....3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 Comparative study of cities including preindustrial, industrial and third-world cities. Examines urbanization process, and urban social organization and culture.
- 356 Political Sociology**.....3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
 An examination of the relationship between politics and the larger social structure, e.g., structure of power in the United States, state, and the economy; political consciousness and the debate on the changing nature of industrial societies. Cross listed as POLS 356.
- 357 Livelihoods and Exchange**.....3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 Comparative study of economic organization emphasizing non-Western societies. Focus on livelihood activities, systems of production and exchange and economic change.
- 358 Introduction to Population Studies**.....3 cr
Prereq: SOCA 100 or 101 and Junior standing. Freq: Occasionally.
 Population size, composition and processes, migration, and social and economic determinants of demographic changes with emphasis on their effects upon social organization.
- 359 Law and Society**.....3 cr
Prereq: CRMJ 101, SOCA 100 or 101. Freq: Yearly.
 Selected legal rules, principles, and institutions treated from a sociological perspective. Influence of culture and social organization on law; role of law in social change; social aspects of the administration of justice; and social knowledge and law. Cross-listed with CRMJ 359.
- 362 Migration and Immigration**3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 Migration and immigration as major processes of change in the United States and internationally. Focus on communities, social networks, and work activities of migrants.
- 363 Corrections**3 cr
Prereq: SOCA 100 or 101 or CRMJ 101 or consent of instructor.
Freq: Yearly.
 Analysis of the organization of correctional agencies and the role of corrections in the criminal justice system. Review of theories, practices, systems, and treatment methods. Cross listed as CRMJ 363.
- 365 Race, Crime and Law**.....3 cr
Prereq: CRMJ 101 or SOCA 100 or 101, Junior standing.
Freq: Annually.
 This course will explore the intersections of race, crime and law in terms of the historical context, the present day situation and future directions. From law enforcement to courts and corrections, this course will focus on the multiple perspectives from offender to victim to criminal justice practitioner. Cross listed with CRMJ 365.
- 368 Victimology**3 cr
Prereq: SOCA 100 or 101 or CRMJ 101 or consent of instructor.
Freq: Yearly.
 An examination of the causes and consequences of crime victimization. The history and recent re-emergence of the study of the victim, and the types and circumstances of criminal victimization. The course will also address victims' rights and the victims' rights movement. Cross listed as CRMJ 368.
- 371 Occupations and Professions**.....3 cr
Prereq: SOCA 100 or 101. Freq: Fall.
 Analysis of selected occupations and professions in modern life; recruitment, socialization, work roles and careers, occupational ideologies and practices.
- 372 Technology and Society**3 cr
Prereq: SOCA 100 or 101. Freq: Odd years.
 Examination of critical, structural, contextual, and interactionist approaches to technology and technological change. Develops new perspectives on the interactions between technology and social organization. Discusses the causes and effects of technological change.
- 373 Bureaucracy in Modern Society**3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 Examination of theory and research on bureaucratic organizations including schools, hospitals, military, governmental, and business organizations.

- 374 Women and Work**.....3 cr
Prereq: SOCA 100 or 101. Freq: Every third or fourth semester.
 Examines the position of women in the work world including the importance of gender in determining definitions and valuations of “work.” The situation of women globally and historically is considered as context for current patterns in the United States.
- 375 Sociology of Education**3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
 Education analyzed as an institution that influences and is influenced by society. Reviews the functions of education, how social conflict shapes schools, and the connections between education and social inequality.
- 379 Society and Environment**.....3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
 A sociological examination of environmental philosophies, movements, attitudes, and issues. A diverse, multicultural array of approaches are considered.
- 380 Social Welfare as a Social Institution**.....3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 A survey of American social work emphasizing recent changes in organization and methods. Special attention is given to work with subcultures and minorities.
- 385 Media, Crime and Criminal Justice**.....3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Yearly.
 Examination of the interrelationship between the mass media, crime and criminal justice. Some topics covered: media and the social construction of crime; crime and justice in the entertainment and news media; media as a cause of crime; media-based anti-crime efforts.
- 390 Special Topics in Sociology and/or Anthropology ...**1-3 cr
Prereq: SOCA 100 or 101 and Junior standing or consent of instructor. Freq: Occasionally.
 Selected topics in sociology and/or anthropology will be examined.
- 430 Medical Sociology**.....3 cr
Prereq: Junior standing and SOCA 295 or 301.
Freq: Alternate Springs.
 Analyses of health care systems and medical occupations from multiple perspectives; special focus on historical and current changes and alternatives for future change.
- 455 Development and Change**.....3 cr
Prereq: 6 credits in sociology. Freq: Occasionally.
 Comparative analysis of social change and development. Focuses on theories, the role of development agencies, and case studies of development projects.
- 482 Human Ecology**.....3 cr
Prereq: SOCA 100 or 101 or consent of instructor.
Freq: Occasionally.
 Discussion of ecological concepts, principles, and processes in relation to human life, past and present, in simple and complex societies. Development of cultural perspectives on current ecological problems as aspects of the cultural adaptation of human groups to their natural and social environments.
- 490 Special Topics in Sociology and/or Anthropology**.....3 cr
Prereq: SOCA 100 or 101; Junior standing or consent of instructor.
Freq: Occasionally.
 Selected topics in sociology and/or anthropology will be examined.
- 491 Anthropology Fieldwork**.....1-10 cr
Prereq: SOCA 100 or 101 and consent of instructor.
Freq: Occasionally.
 Faculty supervision of student field research experience.
- 492 Internship in Sociology**.....3 cr
Prereq: SOCA 100 or 101; Junior standing and consent of instructor. Freq: Spring.
 Community work experience with emphasis on job preparation skills, i.e., resume writing, networking, interviewing.
- 495 Senior Seminar**.....3 cr
Prereq: SOCA 295; SOCA 301 or 302; Senior status.
Freq: Fall, Spring.
 Capstone experience for majors that includes reflection on the competencies gained from the major, how they relate to experiences after graduation, and work on a major project that allows application of the skills and competencies learned. May be taken for credit more than once with consent of instructor.
- 499 Independent Study**1-4 cr
Prereq: Sociology major, Junior standing; consent of instructor and department chair. Freq: Fall, Spring, Summer.
 Independent work on specific problems in sociology and/or anthropology, under faculty supervision.

TEACHER EDUCATION

Greenquist 210 • 262-595-2180 • Keyword: *Teacher Education*

Certifications Offered:

Early Childhood, Birth – Age 8
 Middle Childhood – Early Adolescence, Ages 6 –12 or 13
 Early Adolescence – Adolescence, Ages 10-21
 Early Childhood – Adolescence, Birth – Age 21

Degree Offered:

Master of science, a consorial program with the University of Wisconsin-Milwaukee in Administrative Leadership. Consult the graduate programs section of this catalog for information.

Associate Professor:

Akinds, Ph.D.

Assistant Professor:

Eigenberger, Ph.D.

Student Organizations/Clubs:

Student Wisconsin Education Association and Kappa Delta Pi, International Honor Society in Education

Conceptual Framework

Vision

The teacher preparation programs at the University of Wisconsin-Parkside, in close collaboration with area schools, will demonstrate their commitment to preparing exemplary learner-centered teachers, with special emphasis on multicultural education.

Mission

Teacher preparation programs at the University of Wisconsin-Parkside work toward the preparation of teachers by providing pre-service candidates with the knowledge, skills, and dispositions necessary to teach all pupils effectively; by engaging candidates emotionally, ethically, and intellectually so they can devise learner-centered methods and experiences appropriate to multicultural contexts; by designing pedagogical experiences for candidates to develop a critical awareness of how socio-economic, cultural and political conditions affect pupil success; by sustaining an environment in which teachers become reflective, lifelong learners engaged in continuing professional growth; and by creating a culture in which teachers are actively involved in a qualitative transformation of themselves, their pupils, and their communities.

Department Overview

Special emphasis is placed on preparing teachers to work in multicultural schools. Schools serve students who represent a great variety of class, racial, ethnic and language groups. This cultural diversity presents special challenges to educators who need to provide effective and equal learning opportunities for all students.

Many schools are struggling to meet this challenge, and they are continuing to experience unacceptable failure and dropout rates among their students. Thus, those preparing to teach need to develop effective approaches for engaging culturally diverse students in meaningful learning activities.

A teacher equipped to meet the challenges of a diverse population in such areas as curriculum, instruction, classroom discipline, motivation, and community relations, will be thoroughly prepared to educate a broad spectrum of learners.

Therefore, the goals of the UW-Parkside teacher education program are to prepare engaged and reflective practitioners who:

- have a strong knowledge of their subject matter;
- possess the knowledge, skills, and dispositions necessary to teach in multicultural and diverse classrooms;
- use learner-centered practices to promote maximum learning and pupil development.

Wisconsin Teacher Standards

In accordance with its vision and mission, the Teacher Education Department has adopted the Wisconsin Standards for teacher development and licensure.

1. The teacher understands the central concepts, tools of inquiry, and structures of the disciplines he or she teaches and can create learning experiences that make these aspects of subject matter meaningful for pupils.
2. The teacher understands how children with broad ranges of ability learn and provides instruction that supports their intellectual, social, and personal development.
3. The teacher understands how pupils differ in their approaches to learning and barriers that impede learning and can adapt instruction to meet the diverse needs of pupils, including those with disabilities and exceptionalities.
4. The teacher understands and uses a variety of instructional strategies, including the use of technology to encourage children's development of critical thinking, problem solving, and performance skills.
5. The teacher uses an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation.
6. The teacher uses effective verbal and nonverbal communication techniques as well as instructional media and technology to foster active inquiry, collaboration, and supportive interaction in the classroom.

7. The teacher organizes and plans systematic instruction based upon knowledge of subject matter, pupils, the community, and curriculum goals.
8. The teacher understands and uses formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social, and physical development of the pupil.
9. The teacher is a reflective practitioner who continually evaluates the effectiveness of his/her choices and actions on pupils, parents, professionals in the learning community and others who actively seek out opportunities to grow professionally.
10. The teacher fosters relationships with school colleagues, parents, and agencies in the larger community to support pupil learning and well being and who acts with integrity, fairness and in an ethical manner.

Students who successfully complete the teacher education program will demonstrate competency in each of the standards listed above and develop the skills and dispositions to function in multicultural settings.

Culturally Diverse Teachers

Demographics of this region indicate the population is increasing in its cultural diversity. A growing number of students in area schools are African American, Asian American, Latino, Native American or newly arrived immigrants. Individuals from these communities are strongly encouraged to consider a career in teaching. They are needed as faculty in area schools to serve as role models for all students.

Approved Program

Teacher education programs at UW-Parkside are reviewed and approved by the State Superintendent of the Wisconsin Department of Public Instruction (DPI) and lead to eligibility for Wisconsin teacher licensure. For the most up-to-date program information, please contact the Teacher Education Department chair or teacher education adviser at 262-595-2100.

Academic Majors and Licensure Programs

A unique feature of UW-Parkside is that teacher education students complete a major in an academic discipline and receive a bachelor of arts or bachelor of science (B.A. or B.S.) degree in that field. There is no major in education. Rather, students complete the required sequence of professional courses to qualify for a teaching license. The professional courses include:

- a minimum of 100 hours of field experiences in area schools
- 50 hours of human relations experience in multicultural settings
- a semester-long student teaching or internship experience

See the chart (opposite page) for combinations of academic majors or minors and licensure programs that are currently available. Requirements for majors and minors approved for teacher

licensure may be different from those required for UW-Parkside majors and minors published in the catalog. Completion of a teaching minor is optional for degree-seeking students; however, minors may enhance employability, particularly for early adolescence-adolescence teachers.

Advising

Teacher education adviser; Greenquist 218, phone: 262-595-2100.

Each major/minor department has a liaison (usually a faculty member) who advises students seeking teaching certification. Contact the teacher education adviser at 262-595-2100 or the department itself at 262-595-2180 to obtain the name and number of the appropriate liaison.

Degree Seeking Students Interested in Obtaining Teacher Certification

Students are encouraged to choose an academic major and certification program early in their college career. Students work with the liaison in their academic major and the teacher education adviser for selection of major and general education courses in preparation for admission to teacher education.

After admission to teacher education, each student is assigned an adviser from the teacher education faculty. Students must continue to work with the major/minor liaison in their academic major. It is essential that students meet with the teacher education adviser and the liaison in their academic major/minor each semester.

Ensuring knowledge and completion of all requirements is the responsibility of the student seeking certification. Admission, progression and licensure in teacher education require formal application according to specified deadlines. Early and continuous consultation with the teacher education adviser and the major/minor liaison(s) is critical.

Transfer and Non-Degree Seeking Students Interested in Obtaining Teacher Certification

Students seeking teaching licensure who already possess a bachelor's degree must meet all requirements for licensure including those for general education, the appropriate major and/or minor, and the teacher education program. These requirements may vary depending on date of entry to a university and graduation date (see requirements for portfolios I, II and III).

Prior to enrolling, transfer students and students who hold bachelor's degrees must obtain a review of their transcript from the appropriate department for courses relevant to the major and from teacher education for courses relevant to general education requirements. Teacher education course work taken elsewhere must have been completed with a grade of C or better and may not be older than five years. Requests for the evaluation of such courses must be submitted in writing to the Teacher Education Department. Students may be asked to provide additional information such as course descriptions, course syllabi, projects, portfolios, documentation of relevant experiences with schools, classrooms, and pupils, and documentation of teaching in PreK-12 schools.

Academic Major, Minor, Certificate and Licensure Program Combinations

Academic Major	Early Childhood Birth – 8 years	Middle Childhood- Early Adolescence 6-12 or 13 years	Early Adolescence- Adolescence 10-21 years	Early Childhood- Adolescence Birth-21 years
Art	—	—	—	M
Biological Sciences	m	m	Mm	—
Broad Field Science	—	—	C	—
Broad Field Social Studies	—	—	C	—
Communication	Mm	Mm	Mm	—
Economics	Mm	Mm	Mm	—
English	Mm	Mm	Mm	—
French	—	—	—	M
Geography	Mm	Mm	Mm	—
Geosciences	Mm	Mm	Mm	—
German	—	—	—	M
History	Mm	Mm	Mm	—
Mathematics	Mm	Mm	Mm	—
Music - Choral	—	—	—	M
Music - General	—	—	—	M
Music - Instrumental	—	—	—	M
Physics	—	—	Mm	—
Political Science	—	Mm	Mm	—
Sociology	Mm	Mm	Mm	—
Spanish	—	—	—	M
Theatre Arts	—	—	—	M

Academic Major = M, Minor = m, Certificate = C

Articulation Agreement

Students from Wisconsin Technical College System institutions who have earned an associate of applied science degree in early childhood education after July 1, 2001 and meet specific conditions may be eligible to transfer into the UW-Parkside early childhood (birth – 8 years) program under an articulation agreement which accepts specific courses for general education and teacher education requirements. Contact the teacher education adviser at 262-595-2100 for more information.

Second Licensure

Licensed teachers seeking additional certification must consult with the teacher education adviser at 262-595-2100 and should be prepared to provide a copy of the current or most recent license along with transcripts from all colleges attended. Other materials may be required to support the application.

Inservice Education

The Education Outreach Office provides courses for licensed teachers and for individuals seeking refresher or renewal credits for Wisconsin licensing. Please contact 262-595-2753 for more information.

Teachers who completed a certification program in Wisconsin prior to July 1, 2004, must complete 6 semester credits every five years to maintain their license. These may be undergraduate or graduate-level courses in teacher education or in the subject area of licensing. For further information, consult the Professional Development Brochure for each semester or contact Education Outreach at 262-595-2753.

Teacher Education Professional Programs

Admission, progression and licensure in teacher education require formal application according to specified deadlines and criteria. Students who change their major or licensure program must reapply to the Teacher Education Department.

Eligibility requirements for admission to teacher education (must be completed by application deadline):

1. Complete ENGL 101 with a grade of C or better (unless exempted from ENGL 101 because of placement score).
2. Complete mathematics requirement for desired certification level with a grade of C or better (unless exempted from MATH 111/102 because of placement score).

MATH 111, College Algebra I (for Early Childhood, Birth – Age 8 and Middle Childhood – Early Adolescence, Ages 6 – 12 or 13).

MATH 102, Survey of Math (for Early Adolescence – Adolescence, Ages 10 – 21 and Early Childhood – Adolescence, Birth – 21).

3. Complete information literacy requirement (degree seeking students only).

Students will complete this requirement through the library (information can be obtained from the library reference desk).

4. Complete foreign language requirement (degree seeking students only).

Two years of one foreign language in high school with a grade of C or better in the second year, three years in high school, two semesters in college, or one year in high school and the second semester in college.

5. Complete 27 credits of general education courses.
6. Complete 15 credits in a certifiable major (students with earned bachelor's degrees may be able to pursue a certifiable minor for Early Childhood or Middle Childhood-Early Adolescence – consult teacher education adviser).
7. Attain a cumulative GPA of 2.75 or better (GPA of 3.0 required with earned bachelor's degree).
8. Attain a major/minor GPA of 2.75 or better (GPA of 3.0 required with earned bachelor's degree).
9. Earn a grade of B or better in:

TEDU 210	Teaching, Learning & Development
or	
TEDU 215	Teaching Learning & Development: Early Childhood

and
TEDU 230 Instructional Technology.

Note: Consent of instructor required for enrollment in these courses. Consent forms are available to students who have:

- a. Completed 12 credits in certifiable major
 - b. Completed 21 credits in general education courses
 - c. Attained a 2.75 cumulative GPA (GPA of 3.0 required with earned bachelor's degree)
 - d. Attained a 2.75 GPA in certifiable major/minor (GPA of 3.0 required with earned bachelor's degree).
10. Earn passing scores on Praxis I – Pre-Professional Skills Test (PPST):

Reading =	175
Writing =	174
Mathematics =	173

Registration and test preparation booklets are available from the teacher education adviser in Greenquist 218.

PPST tests may be taken no more than three times for admission to the teacher education program at UW-Parkside.

Disclosure Questionnaire

Applicants must disclose whether they have ever been convicted of any crime and whether licensure has ever been denied or revoked in any state for reasons other than insufficient credits or courses. The existence of a criminal record or denial or revocation of licensure does not constitute an automatic bar and will be considered only as it substantially relates to the duties and responsibilities of the programs and eventual licensure. Students who are denied admission or removed from such a placement are entitled to appeal the decision. Please contact the Teacher Education Department for the procedure for appealing decisions other than grades. In addition to the disclosure questionnaire, the Department of Public Instruction conducts a criminal background check on all license applicants.

Progression Through the Program

Upon admission to the program, each student is assigned to a teacher education faculty adviser.

Student progression through the program is continuously monitored and evaluated at the end of each semester to ensure that students meet qualitative and quantitative expectations. Students will be allowed to repeat an education course only once during their tenure in the program.

During their on-going teacher education course work, faculty will assist students in developing their portfolios, particularly the portions that emphasize professional skills, a solid knowledge base, and the dispositions to teach children and youth in multi-cultural contexts.

Students may be denied permission to continue in the licensure program if there is insufficient progress and/or demonstrated lack of knowledge, skills and dispositions for successful teaching. Ensuring knowledge and completion of all requirements is the responsibility of the student seeking licensure.

Portfolio Process

A professional portfolio synthesizes a candidate's knowledge, skills, dispositions and experiences in a coherent, thoughtful and well-organized manner. It offers evidence of the candidate's ongoing professional development and displays his/her accomplishments in a reflective manner. It also indicates what kind of teacher the candidate imagines he/she will become. It is constructed with a focus on the Wisconsin Teacher Standards and the mission and vision of the teacher education program. The portfolio is reviewed and assessed by teacher education faculty. All required items must be submitted in the format specified by the Teacher Education Department. All forms and instructions are available in the Teacher Education Advising Office, Greenquist Hall, Room 216/218.

Admission and progress toward certification is assessed through a portfolio system in three parts: Portfolio I (admission to teacher education), Portfolio II (admission to student teaching), and Portfolio III (graduation from teacher education/granting of license). The portfolio process is started when students initially apply for admission to teacher education and exemplifies the applicant's knowledge, skills, beliefs and dispositions as potential teachers.

Portfolio I: Admission to Teacher Education

Students wishing to apply for admission to the teacher education program must submit an application and a portfolio to the Teacher Education Advising Office, Greenquist Hall 216/218. Students must meet the minimum requirements as listed in this section to be eligible to submit Portfolio I.

Completed portfolios will be reviewed by teacher education faculty. Admission decisions will be mailed to all applicants. Admission, if granted, is for the particular combination of academic major and licensure program. If a student changes his/her major or licensure program, the student will need to reapply.

Portfolio I Deadlines

Fall Admission – June 1

Spring Admission – January 5

When the deadline falls on a weekend, Portfolio I is due no later than the following business day.

Portfolio I Requirements

1. Completed "Petition for Admission" form and "Emphasis on Multicultural Teaching" form (application packet available in the Teacher Education Department).
2. Transcripts from all colleges attended, including UW-Parkside. Please list the classes being taken during the current semester.

3. Passing scores on the Praxis I – Pre-Professional Skills Test (PPST).
4. Completed Recommendation Form from the department chair or liaison from the major/minor department.
5. Written essay – see essay requirements in application packet.
6. Additional materials may be included (faculty recommendations, letters from employer/volunteer organization, etc.), but may not be submitted as substitutes for items 1-5.

Students must meet with the teacher education adviser to verify that all requirements have been met.

Portfolio II: Admission to Student Teaching/Internship

Student teaching is the conclusion of the UW-Parkside teacher education program; all other courses and requirements must be completed prior to the student teaching semester. Student teaching is required for degree-seeking students and students who have earned a bachelor's degree.

Prior to the development of Portfolio II, the student must meet with his/her teacher education faculty adviser to determine if he/she has met the eligibility requirements and is ready to apply for student teaching/internship. Students are expected to meet regularly with their faculty advisers to receive guidance in the development of Portfolio II. Prior to submitting Portfolio II, students should have accomplished the following:

1. Completion of all TEDU courses with a GPA of 3.00 and a grade of B- or better in each course.
2. Completion of a DPI-approved academic major with a GPA of 3.0 and with no grade less than C.
3. Completion of all courses for the degree sought with a cumulative college GPA of 3.0 or better. The cumulative GPA includes transfer and UW-Parkside courses.
4. Completion of a minimum of 100 hours of successful field experience in an instructional setting.
5. Completion of a minimum of 50 hours of successful human relations field experience.
6. Passing scores on the Pre-Professional Skills Test (PPST).
7. Passing score on the appropriate Praxis II Subject Assessment(s).

The Wisconsin Department of Public Instruction may make a limited number of internships available. Selected teacher education students compete with others students statewide for internship opportunities.

Students wishing to apply for admission to student teaching must submit an application in the form of a portfolio to the Teacher Education Advising Office, Greenquist Hall, room 216/218. Students must meet the minimum requirements listed in this section to be eligible to submit Portfolio II.

All completed portfolios will be reviewed by teacher education faculty. Admission decisions will be mailed to all applicants. Admission may be denied to applicants who submit incomplete or inadequate portfolios.

Portfolio II Deadlines

Student teaching/internship beginning in September – January 10

Student teaching/internship beginning in January – June 10

When the deadline falls on a weekend, Portfolio II is due no later than the following business day.

Placements are made in area schools with appropriate cooperating teachers and require the student teacher to be present in the school placement(s) full days, full weeks, for the full school district semester. Placement dates will coincide with school district semester dates rather than those of UW-Parkside. The availability of placements is subject to school district resources.

Portfolio II Requirements

1. Student Teaching Application Form (3 copies).
2. Educational platform.
3. Official transcripts from all colleges attended (must include grades from current semester).
4. Recommendation Form from academic major/minor department chair or liaison.
5. Copies of field experience logs reflecting 100 hours completed.
6. Copies of human relations field experience logs reflecting 50 hours completed.
7. Documentation of a negative tuberculosis test within two years of application to student teach.
8. Pre-Professional Skills Test (PPST) scores.
9. Praxis II Subject Assessment score(s).
10. Additional materials may be included (faculty recommendations, letters from employer/volunteer organization, etc.) but can not be submitted as substitutes for items 1-9.

The educational platform is a narrative that describes how the prospective teacher decides what to teach and how curriculum will be organized and taught. The platform should include a reflective summary of the applicant’s progress in three major areas.

Knowledge (curriculum) – Address subject matter, lesson planning, multicultural curriculum, developmental appropriateness, and multiple style of learning.

Skills (instruction) – Address instructional strategies, approaches to classroom management, educational technology and teacher and student evaluation.

Dispositions (positive interpersonal relationships) – Address ethnic groups, socio-cultural influences, resources and cross-cultural communications.

Teacher education faculty will review and evaluate Portfolio II on the basis of the applicant’s knowledge, skills and dispositions relative to each of the Wisconsin Teacher Standards and relative to the mission and vision of the teacher education program.

Portfolio III: Graduation from Teacher Education/Granting of License

Portfolio III will be submitted as part of the licensure process. This exit portfolio will be a refinement of Portfolio II. Portfolio III will include but not be limited to the following:

1. Demonstrated competency in each of the Wisconsin Teacher Standards. Evidence may include but is not limited to a videotaped lesson, sample lesson, sample curriculum and letter(s) of recommendation from cooperating teacher/university supervisor.
2. Resume.
3. Official academic transcript(s).
4. Confirmation that all appropriate general education and other degree requirements have been completed. To ensure requirements are met, see the teacher education adviser (Greenquist 218, 262-595-2100) for a credit evaluation.
5. Confirmation that the student teaching placement has been completed with a grade of B or better and with the positive recommendation from the cooperating teacher(s) and university supervisor(s).
6. Certification subject area test scores. Students must pass the Praxis II Subject Assessment in the appropriate licensure area.
7. Completed application for the Wisconsin teaching license.
8. Other items as requested by the TEDU 415 (Seminar for Student Teachers) instructor.

Teacher education faculty will review and evaluate Portfolio III with a focus on the mission and vision of the program as well as the applicant’s knowledge, skills and dispositions relative to each of the Wisconsin Teacher Standards.

The license application packet is processed by the Teacher Education Advising Office and signed by the UW-Parkside Certification Officer. See the teacher education adviser for submission requirements. Once program completion is verified, the licensure application will be forwarded to the Wisconsin Department of Public Instruction, which issues the license.

License Requirements

Early Childhood Licensure: Birth–Age 8 (45 credits)

TEDU 215	Teaching, Learning and Development: Early Childhood	3 cr
TEDU 230	Instructional Technology	3 cr
TEDU 315	Literature, Storytelling and Fine Arts: Early Childhood	2 cr
TEDU 318	Mathematics for Young Children: Early Childhood	3 cr
HPEA 324	Physical and Mental Health for Early Childhood	3 cr
TEDU 325	Social Studies and Science: Early Childhood	3 cr

UNDERGRADUATE PROGRAMS

TEDU 327	Emergent Literacy: Early Childhood. . .	3 cr
TEDU 328	Reading and Language Arts: Early Childhood	3 cr
TEDU 329	The Professional in Early Childhood . .	1 cr
TEDU 360	Exceptional Children and Youth.	3 cr
TEDU 370	Schools in a Multicultural Society. . . .	4 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 419	Student Teaching in Early Childhood: Pre-Kindergarten	4 cr
TEDU 420	Student Teaching in Early Childhood: Kindergarten.	4 cr
TEDU 421	Student Teaching in Early Childhood: Grades 1-3	4 cr

Middle Childhood–Early Adolescence Licensure:

Ages 6-12 or 13 (44 credits)

TEDU 210	Teaching, Learning and Development . .	4 cr
TEDU 230	Instructional Technology	3 cr
TEDU 302	Classroom Teaching Skills & Social Studies: Middle Childhood – Early Adolescence	2 cr
TEDU 332	Reading and Language Arts: Middle Childhood – Early Adolescence	5 cr
TEDU 336	Teaching Mathematics and Science: Middle Childhood – Early Adolescence . .	4 cr
TEDU 341	Content Reading: Middle Childhood – Early Adolescence	3 cr
TEDU 342	Teaching Fine Arts: Middle Childhood – Early Adolescence	2 cr
HPEA 348	Health and Physical Education for Middle Childhood – Early Adolescence . .	2 cr
TEDU 360	Exceptional Children and Youth.	3 cr
TEDU 370	Schools in a Multicultural Society. . . .	4 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 422	Student Teaching: Middle Childhood – Early Adolescence (Grades 1-6)	5 cr
TEDU 423	Student Teaching: Middle Childhood – Early Adolescence (Grades 6-8)	5 cr

Early Adolescence – Adolescence Licensure:

Ages 10-21 (34 credits)

Early Adolescence - Adolescence licensure is available in a variety of subject areas (see approved majors and minors).

TEDU 210	Teaching, Learning and Development . .	4 cr
TEDU 230	Instructional Technology	3 cr
TEDU 349	Curriculum Development: Early Adolescence - Adolescence.	2 cr
TEDU 351	Content Reading and Writing	3 cr
TEDU 360	Exceptional Children and Youth.	3 cr
TEDU 370	Schools in a Multicultural Society. . . .	4 cr
Methods Course(s) for Majors/Minors, as appropriate:		
TEDU 353	Teaching English: Early Adolescence - Adolescence.	3 cr
TEDU 355	Teaching Mathematics: Early Adolescence - Adolescence.	3 cr
TEDU 356	Teaching Science: Early Adolescence - Adolescence.	3 cr

TEDU 357	Teaching Social Studies: Early Adolescence - Adolescence.	3 cr
COMM 358	Methods of Teaching Communication	3 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 423	Student Teaching: Early Adolescence – Adolescence (Grades 6-8)	5 cr
TEDU 424	Student Teaching: Early Adolescence – Adolescence (Grades 9-12)	5 cr

Broad Field Studies Licensure

Early Adolescence - Adolescence students may wish to enhance employability by completing the broad field science or broad field social science teaching major.

Broad Field Social Studies Licensure

Students must complete the following:

1. An approved teaching major in history, economics, geography, political science or sociology.
2. Twenty additional credits: 6 credits in history and 14 credits from the other four listed social science disciplines in which the student is not majoring.

A broad field social studies concentration can be attained by completing a minor or a minimum of 9 credits in any of the other four listed social science disciplines in which the student is not majoring. Program grade point average requirements apply.

Broad Field Social Studies licensure permits the teaching of the major, any social studies class at the early adolescence-adolescence level, up through grade 10, and any basic social studies class in grades 11-12 that is not: A) part of the college preparatory sequence; B) an advance placement course; C) an elective course with more depth of content than basic courses. To teach a course under the criteria in A, B, or C (above), the teacher must have a concentration in that subject area.

Broad Field Science Licensure

Students must complete the following:

1. A major in one of the 4 sciences: biological sciences, chemistry, geosciences or physics.
2. When completing the major and general education courses, the following distribution of courses should be observed:
 - a. Twenty-eight credits - 14 credits in each of two fields, i.e., biological sciences, chemistry, geosciences, or physics.
 - b. Sixteen credits - 8 credits in the two remaining sciences.
 - c. Ten credits of electives from any of the above areas.
 - d. Mathematics: 6 credits (MATH 112 or higher)
3. Students must also complete 6 credits in the history and philosophy of science; select one from each group:

HIST 221	The Beginnings of Science and Scientific Revolution to 1750
HIST 222	History of Modern Science since 1750

b. Philosophy of Science

BIOS 108	Health, Nutrition, and Culture
GSCI 102	Science and Pseudoscience
PHIL 105	Introduction to Scientific Thought

A broad field science concentration can be attained by completing a minor or a minimum of 15 credits in one of the other three listed science disciplines in which the student is not majoring. Program grade point average requirements apply.

Broad field science licensure permits the teaching of the major, any science class at the early adolescence-adolescence level, up through grade 10, and any basic science class in grades 11-12 that is not: A) part of the college preparatory sequence; B) an advance placement course; C) an elective course with more depth of content than basic courses. To teach a course under the criteria in A, B, or C (above), the teacher must have a concentration in that subject area.

Art Education Licensure: Early Childhood–Adolescence Birth – Age 21 (35 credits)

Art educators obtain a license to teach at the Early Childhood–Adolescence level. Individuals seeking licensure in this area must complete the Studio Arts Program under the direction of the Art Department, and:

TEDU 210	Teaching, Learning and Development . . .	4 cr
TEDU 230	Instructional Technology	3 cr
TEDU 351	Content Reading and Writing	3 cr
TEDU 360	Exceptional Children and Youth	3 cr
TEDU 370	Schools in a Multicultural Society	4 cr

Methods courses from the art major:

ART 341	Art Education Philosophical and Psychological Bases	3 cr
ART 342	Art Education-Curriculum and Instruction	3 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 428	Student Teaching: Art Early Childhood- Adolescence (Grades PreK-9)	5 cr
TEDU 429	Student Teaching: Art Early Childhood- Adolescence (Grades 6-12)	5 cr

Foreign Language Licensure: Early Childhood – Adolescence Birth – Age 21 (37 credits)

Foreign language educators obtain a license to teach at the Early Childhood–Adolescence level. Individuals seeking licensure in this area must complete following:

FREN 350	French Phonetics	3 cr
or		
GERM 350	German Phonetics	3 cr
or		
SPAN 350	Spanish Phonetics	3 cr
TEDU 210	Teaching, Learning and Development	4 cr
TEDU 230	Instructional Technology	3 cr
TEDU 349	Curriculum Development	2 cr
TEDU 351	Content Reading and Writing	3 cr
TEDU 360	Exceptional Children and Youth	3 cr
TEDU 370	Schools in a Multicultural Society	4 cr

Methods courses for the foreign language major

TEDU 354	Teaching A Foreign Language	3 cr
	Cross-listed as FREN 341, GER 341 and SPAN 341	
TEDU 415	Seminar for Student Teachers	2 cr
Student teaching placements as appropriate		
TEDU 432	Student Teaching: French Early Childhood – Adolescence (Grades PreK-9)	5 cr
TEDU 433	Student Teaching: French Early Childhood – Adolescence (Grades 6-12)	5 cr
TEDU 434	Student Teaching: German Early Childhood – Adolescence (Grades PreK-9)	5 cr
TEDU 435	Student Teaching: German Early Childhood – Adolescence (Grades 6-12)	5 cr
TEDU 436	Student Teaching: Spanish Early Childhood – Adolescence (Grades PreK-9)	5 cr
TEDU 437	Student Teaching: Spanish Early Childhood – Adolescence (Grades 6-12)	5 cr

Music Education Licensure: Early Childhood – Adolescence Birth – 21 (32-33 credits)

Music educators obtain a license to teach at the Early Childhood – Adolescence level in the following areas:

- Instrumental Music
- Choral Music
- General Music

Students interested in any of these licenses should contact the chair of the Music Department and obtain a copy of the Music Department Handbook. Students must complete the appropriate music major for prospective Early Childhood – Adolescence instrumental, choral or general music teachers, and:

TEDU 210	Teaching, Learning and Development . . .	4 cr
TEDU 230	Instructional Technology	3 cr
TEDU 351	Content Reading and Writing	3 cr
TEDU 360	Exceptional Children and Youth	3 cr
TEDU 370	Schools in a Multicultural Society	4 cr

Methods course(s) from the major, as appropriate:

MUS 341	Vocal Materials and Methods	3 cr
MUS 342	Instrumental Materials and Methods	3 cr
MUS 343	General Music Materials and Methods: Childhood	2 cr
MUS 344	General Music Materials and Methods: Adolescence	2 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 426	Student Teaching: Music – Early Childhood-Adolescence (Grades PreK-9)	5 cr
TEDU 427	Student Teaching: Music Early Childhood-Adolescence (Grades 6-12)	5 cr

Theatre Arts Education Licensure:**Early Childhood–Adolescence, Birth – 21 (24 credits)**

Theatre Arts educators obtain a license to teach at the Early Childhood – Adolescence level. Individuals seeking licensure in this area must complete the theatre arts major under the direction of the Theatre Arts Department, and:

TEDU 210	Teaching, Learning and Development . . .	4 cr
TEDU 230	Instructional Technology	3 cr
TEDU 349	Curriculum Development.	2 cr
TEDU 351	Content Reading and Writing	3 cr
TEDU 360	Exceptional Children and Youth.	3 cr
TEDU 370	Schools in a Multicultural Society.	4 cr

Methods courses for the theatre arts major

THEA 441	Methods of Teaching Drama	3 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 430	Student Teaching: Theatre Arts Early Childhood–Adolescence (Grades Prek-9).	5 cr
TEDU 431	Student Teaching: Theatre Arts Early Childhood–Adolescence (Grades 6-12).	5 cr

Cross Categorical Special Education: Middle Childhood – Early Adolescence and Early Adolescence-Adolescence

A consortial program with Carthage College allows UW-Parkside students to concurrently enroll in specific Carthage College courses which lead to a Cross Categorical Special Education license (Middle Childhood – Adolescence or Early Adolescence-Adolescence). The license requires that students enroll in the Middle Childhood – Early Adolescence (ages 6-12 or 13)* or the Early Adolescence-Adolescence (ages 10-21)** certification program. According to an agreement between the two institutions, students enrolled full-time at UW-Parkside during the fall or spring semester may take a Carthage College course that same semester without paying additional tuition. Please check with the teacher education adviser (Greenquist 218, 262-595-2100) to obtain a cross-registration permit each semester. The required Carthage College courses are listed below:

EDUC 214	Principles of Instructional Design	4 cr
EDUC 308	Instructional Technology for Exceptional Learners.	4 cr
EDUC 310	Informal Assessment of Exceptional Learners.	4 cr
EDUC 320*	Classroom Behavior Management. (for Middle Childhood- Early Adolescence)	4 cr
EDUC 357**	Secondary Classroom Management (for Early Adolescence-Adolescence)	4 cr
EDUC 329	Formal Assessment of Exceptional Learners.	4 cr
EDUC 409	Methods of Teaching Elementary Level Exceptional Learners	4 cr
EDUC 410	Methods of Teaching Secondary Level Exceptional Learners	4 cr
EDUC 412	Advanced Study and Field Experience in Teaching Exceptional Learners	4 cr

EDUC 430	Collaboration between General Special Educators	2 cr
EDUC 490	Student Teaching.	4-6 cr
Total	. . . . .	38-40 cr

Upon completion of the Middle Childhood–Early Adolescence certification program at UW-Parkside including regular student teaching, students may enroll at Carthage College to student teach in a special education class. Students will pay Carthage College tuition and fees for their student teaching experience.

At the end of their successful student teaching experience, students are eligible to apply for a Cross Categorical Special Education endorsement through Carthage College.

To apply for admission to Carthage College's special education program and for course descriptions and other information, please contact Kathleen Steinberg at Carthage College at 262-551-5765.

Courses in Teacher Education (TEDU)**210 Teaching, Learning and Development. 4 cr**

Prereq: Concurrent registration in TEDU 230 recommended; Information Literacy requirement; consent of instructor (consult Teacher Education Department). Freq: Fall, Spring.

Foundations for using learner-centered principles of learning in multicultural classroom context; interpreting student behavior accurately and making developmentally appropriate decisions about teaching and learning required for the Middle Childhood–Early Adolescence/Early Adolescence–Adolescence/Early Childhood–Adolescence levels. Off-campus clinical experiences are an integral part of this course. 3 hour lecture, 1 hour discussion.

215 Teaching, Learning and Development:**Early Childhood. 3 cr**

Prereq: Concurrent registration in TEDU 230 recommended. Information Literacy requirement; consent of instructor (consult Teacher Education Department). Freq: Fall.

Cross-cultural theories of learner-centered early childhood development, learning, motivation and play. Includes guiding children's thinking, observation and anecdotal record-keeping, assessment, parent involvement and classroom organization/management. Off-campus clinical experiences are an integral part of this course.

230 Instructional Technology 3 cr

Prereq: Concurrent registration in TEDU 210 or 215 recommended; Information Literacy requirement; consent of instructor (consult Teacher Education Department). Freq: Fall, Spring.

Focuses on the use of word processing, drawing and painting, database, presentation, spreadsheet, multimedia application programs, and the World Wide Web in the classroom through specific projects. Also provides a critical overview of advantages and problems of computer integration in schools. Off-campus clinical experiences may be required.

- 290 Special Topics in Education**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in education will be examined.

Students must be admitted to the Teacher Education Program to enroll in 300-400 level education courses.

- 302 Classroom Teaching Skills & Social Studies: Middle Childhood-Early Adolescence**2 cr
Prereq: TEDU 210, admission to TEDU. Freq: Fall.
 Introduction to planning, teaching methods, strategies, classroom management and evaluation with emphasis on social studies including cooperatives, environmental education methods, and teaching about Native Americans. Off-campus clinical experiences are an integral part of this course.

- 315 Literature, Storytelling and Fine Arts: Early Childhood**.....2 cr
Prereq: TEDU 215, admission to TEDU. Freq: Fall.
 Examines developmentally appropriate multicultural children's literature, music, art, play and drama that support holistic growth across the curriculum; library resources and instructional materials; develops storytelling skills.

- 318 Mathematics for Young Children: Early Childhood**....3 cr
Prereq: MATH 215 and 216, or concurrent registration; admission to TEDU. Freq: Fall.
 Designed to help pre-service teachers develop, innovate, improvise and critique early childhood instructional programs for mathematics, create mathematics environments and utilize manipulatives. Some computer utilization required. Off-campus clinical experiences are an integral part of this course.

- 325 Social Studies and Science: Early Childhood**.....3 cr
Prereq: TEDU 215, BIOS 104 or GEOG 380 or concurrent registration; admission to TEDU. Freq: Spring.
 Study, integration, and application of developmentally appropriate curriculum, content, methods, and materials in social studies/science specifically for early childhood. Off-campus clinical experiences are an integral part of this course.

- 327 Emergent Literacy: Early Childhood**.....3 cr
Prereq: TEDU 215, 315; admission to TEDU. Freq: Fall.
 Multicultural literature as the basis for reading-writing language arts instruction; methods, curriculum, materials appropriate to early childhood developmental stages. Includes classroom organization and assessment of student literacy. Off-campus clinical experiences are an integral part of this course.

- 328 Reading and Language Arts: Early Childhood**3 cr
Prereq: TEDU 327; admission to TEDU. Freq: Spring.
 Literature, word identification strategies, and language experience stories integrated to teach reading and language arts in developmentally and culturally appropriate ways. Off-campus clinical experiences are an integral part of this course.

- 329 The Professional in Early Childhood**1 cr
Prereq: Admission to TEDU. Freq: Occasionally.
 Examine early childhood programs and models within the context of multicultural education; the administrator's role; use of community agencies, resources, and advisory groups; promoting parent education/involvement and staff development/supervision.

- 332 Reading and Language Arts: Middle Childhood-Early Adolescence**.....5 cr
Prereq: TEDU 210, 230; admission to TEDU. Freq: Fall.
 Instructional approaches, organization, application and implementation of the reading and language arts program with an emphasis on using multicultural children's literature. Off-campus clinical experiences are an integral part of this course.

- 336 Teaching Mathematics and Science: Middle Childhood-Early Adolescence**4 cr
Prereq: MATH 215, 216; BIOS 104 or GEOG 380 or concurrent registration; TEDU 210, 230; admission to TEDU. Freq: Spring.
 This course is designed for pre-service teachers integrating mathematics and science to help them develop the knowledge, skills and attitudes necessary for implementing Middle Childhood-Early Adolescence instructional programs for mathematics and science. Off-campus clinical experiences are an integral part of this course.

- 341 Content Reading: Middle Childhood-Early Adolescence**.....3 cr
Prereq: TEDU 210, 302, 332; admission to TEDU. Freq: Spring.
 Study and application of reading strategies and the integration of reading and language arts into the content areas with an emphasis on interdisciplinary teaching. Off-campus clinical experiences are an integral part of this course.

- 342 Teaching Fine Arts: Middle Childhood-Early Adolescence**.....2 cr
Prereq: Admission to TEDU. Freq: Spring
 Introduction to, and examination, evaluation, and application of developmentally appropriate principles and correlation between the fine arts in music/art/theatre to promote holistic growth of children at the Middle Childhood-Early Adolescence level.

- 349 Curriculum Development: Early Adolescence-Adolescence**.....2 cr
Prereq: TEDU 210; admission to TEDU. Freq: Fall.
 Introduction to curriculum development and teaching at the early adolescence-adolescence level. Includes: pedagogy (teaching methods, strategies, graphic organizers), and evaluation. Off-campus clinical experiences in a high school are an integral part of this course.

- 351 Content Reading and Writing**.....3 cr
Prereq: TEDU 210; admission to TEDU. Freq: Fall, Spring.
 The course provides pre-service teachers with the knowledge and skills necessary to teach their students how to read and write to learn in the content areas. Off-campus clinical experiences are an integral part of this course.

- 353 Teaching English: Early Adolescence-Adolescence.....3 cr**
Prereq: TEDU 210, 230; admission to TEDU. Freq: Even Fall.
 Current materials, methods and activities for teaching English at the early adolescence-adolescence level. Off-campus clinical experiences are an integral part of this course. Cross listed as ENGL 353.
- 354 Teaching A Foreign Language3 cr**
Prereq: TEDU 210, 230; admission to TEDU; or consent of instructor. Freq: Occasionally.
 Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course. Cross listed as FREN 341, GER 341 and SPAN 341.
- 355 Teaching Mathematics: Early Adolescence-Adolescence.....3 cr**
Prereq: TEDU 210, 230; admission to TEDU. Freq: Occasionally.
 Effective mathematics teaching as recommended by the National Council of Teachers of Mathematics (NCTM). Examines current research including the use of appropriate manipulatives and models. Off-campus clinical experiences are an integral part of this course.
- 356 Teaching Science: Early Adolescence-Adolescence.....3 cr**
Prereq: TEDU 210, 230; BIOS 104 or GEOG 380; admission to TEDU. Freq: Occasionally.
 Effective science and environmental education teaching as recommended by experts and professional associations such as the National Science Teachers Association (NSTA). Examines current research. Off-campus clinical experiences are an integral part of this course.
- 357 Teaching Social Studies: Early Adolescence-Adolescence.....3 cr**
Prereq: TEDU 210, 349; admission to TEDU. Freq: Alternate Springs.
 Planning, teaching and evaluation of learning in social studies including curriculum development, cooperatives, environmental education methods, and teaching about Native Americans. Off-campus clinical experiences are an integral part of this course.
- 360 Exceptional Children & Youth.....3 cr**
Prereq: TEDU 210 or 215, 230; admission to TEDU. Freq: Fall, Spring.
 Major areas of disability including mental retardation, learning disability and emotional disturbance. Topics include characteristics, etiology (medical/environmental), assessment, intervention/teaching strategies and research; clinical/laboratory experience in various learning settings and inclusion. Off-campus clinical experiences are an integral part of this course.
- 370 Schools in a Multicultural Society.....4 cr**
Prereq: TEDU 210 or 215, 230; admission to TEDU. Freq: Fall, Spring.
 Examine schools as institutions; examine cultural, philosophical, historical, and institutional contexts of schools; and examine education issues from diverse socio-cultural perspectives. Off-campus clinical experiences are an integral part of this course.
- 375 Educator's Workshop1-6 cr**
Prereq: Junior standing or consent of instructor. Freq: Occasionally.
 Analysis of various models, methods and instructional resources for application in educational programs. Emphasis on participant involvement through individual/group experience, problem solving and expression. Maximum of 6 credits may be applied toward graduation. Graded on a credit/no-credit basis.
- 415 Seminar for Student Teachers2 cr**
Prereq: Admission to student teaching, concurrent registration with student teaching/ interning. Freq: Fall, Spring.
 Support for the student teaching process; emphasis on classroom management, conflict resolution, career education, and entering the profession.
- 419 Student Teaching in Early Childhood: Pre-Kindergarten4-12 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching at the pre-kindergarten level under intensive supervision in the local school.
- 420 Student Teaching in Early Childhood: Kindergarten.....4-12 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching at the kindergarten level under intensive supervision in the local school.
- 421 Student Teaching in Early Childhood (Grades 1-3).....4-12 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching in grades 1-3 under intensive supervision in the local school.
- 422 Student Teaching: Middle Childhood-Early Adolescence (Grades 1-6).....4-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching in grades 1-6 under intensive supervision in the local school.
- 423 Student Teaching: Middle Childhood-Early Adolescence (Grades 6-8).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching under intensive supervision in the local school.
- 424 Student Teaching: Early Adolescence-Adolescence (Grades 9-12).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching under intensive supervision in the local school.
- 426 Student Teaching: Music Early Childhood-Adolescence (Grades PreK-9)5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching in music under intensive supervision in elementary and middle schools.

- 427 Student Teaching: Music Early Childhood-Adolescence (Grades 6-12).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching in music under intensive supervision in middle and secondary schools.
- 428 Student Teaching: Art Early Childhood-Adolescence (Grades PreK-9).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Alternate Springs.
 Practice teaching in art under intensive supervision in elementary schools.
- 429 Student Teaching: Art Early Childhood-Adolescence (Grades 6-12).....5-10 cr**
Prereq: Prior approval of TEDU faculty. Freq: Alternate Springs.
 Practice teaching in art under intensive supervision in middle and secondary schools.
- 430 Student Teaching: Theatre Arts Early Childhood-Adolescence (Grades PreK-9)5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring
 Practice teaching in theatre arts under intensive supervision in elementary schools.
- 431 Student Teaching: Theatre Arts Early Childhood Adolescence (Grades 6-12).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring
 Practice teaching in theater arts under intensive supervision in middle and secondary schools.
- 432 Student Teaching: French Early Childhood-Adolescence (Grades PreK-9).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring
 Practice teaching (French) under intensive supervision in elementary schools.
- 433 Student Teaching: French Early Childhood-Adolescence (Grades 6-12).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring
 Practice teaching (French) under intensive supervision in middle and secondary schools.
- 434 Student Teaching: German Early Childhood-Adolescence (Grades PreK-9).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring
 Practice teaching (German) under intensive supervision in elementary schools.
- 435 Student Teaching: German Early Childhood-Adolescence (Grades 6-12).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring
 Practice teaching (German) under intensive supervision in middle and secondary schools.
- 436 Student Teaching: Spanish Early Childhood-Adolescence (Grades PreK-9).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring
 Practice teaching (Spanish) under intensive supervision in elementary schools.
- 437 Student Teaching: Spanish Early Childhood-Adolescence (Grades 6-12).....5-10 cr**
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring
 Practice teaching (Spanish) under intensive supervision in middle and secondary schools.
- 480 Supervision of Student Teachers and Interns1 cr**
Prereq: Inservice teachers or administrators. Freq: Occasionally.
 Provides cooperating teachers and administrators with the knowledge and skills needed for effective supervision of student teachers and interns. Meets DPI requirements.
- 490 Special Topics1-3 cr**
Prereq: None. Freq: Fall, Spring, Summer.
 Examination of selected topics in teacher education. Subject varies – see current course schedule. May be repeated with change in topic.
- 499 Independent Study1-3 cr**
Prereq: Consent of instructor and department chair. Freq: Fall, Spring, Summer.
 Independent work in specific problems under supervision.

Graduate Courses

Graduate Education

The College of Arts and Sciences offers graduate-level courses of interest to Racine/Kenosha educators through a collaborative graduate program with UW-Milwaukee in Administrative Leadership. For further information, program descriptions can be found in the graduate programs section of this catalog.

Inservice Education

The Education Outreach Office provides courses for licensed teachers and for individuals seeking refresher or renewal credits for Wisconsin licensing. Teachers completing a certification program in Wisconsin prior to July 1, 2004, must complete 6 semester credits every five years to maintain their license. These may be undergraduate or graduate level courses in teacher education or in the subject area of licensing. For further information contact the education outreach coordinator at 262-595-2753 to request a Professional Development brochure.

- 575 Educator's Workshop1-6 cr**
Prereq: None. Freq: Fall, Spring, Summer.
 Analysis of various models, methods, and instructional resources for application in educational programs. Emphasis on participant involvement through individual/group experience, problem solving, and expression. May be repeated with different content. Graded on a credit/no-credit basis.

- 680 Supervision of Student Teachers and Interns**1-3 cr
Prereq: None. Freq: Occasionally.
 Provides cooperating teachers and administrators with the knowledge and skills needed for effective supervision of student teachers and interns. Meets DPI requirements.
- 690 Special Topics**1-3 cr
Prereq: Teacher certification or consent of instructor.
Freq: Fall, Spring, Summer.
 Examination of selected topics in teacher education. Subject varies – see current course schedule. May be repeated with change in topic.
- 699 Independent Study**1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
 Individual investigation of selected problems in education. Allows students to pursue independent research interests with faculty guidance and supervision.
- 701 Curriculum Planning**3 cr
Prereq: None. Freq: Collaborative grid.
 Concepts of elementary and secondary curriculum in modern American education. Foundation principles and major objectives.

- 702 Supervision of Instruction**.....3 cr
Prereq: None. Freq: Collaborative grid.
 School administrators and supervisors are provided with the skills and knowledge needed to improve instruction including leadership theories and styles, motivation, observation, evaluation and feedback.
- 703 Multicultural Education**.....3 cr
Prereq: Human relations course or equivalent.
Freq: Collaborative grid.
 Examination of personal responses to sexism, racism and other forms of bias; a study of theories, behaviors, and training skills for multicultural education.
- 704 Contemporary Issues in Education**3 cr
Prereq: None. Freq: Collaborative grid.
 Identification of current educational issues and models for solving these problems.
- 705 Analysis of Instruction**3 cr
Prereq: Educational psychology course. Freq: Collaborative grid.
 The course will focus on the various facets of instructional design including information processing, sequencing of teaching and learning, and the effect of teaching styles.
- 706 Political Contexts of Schooling**3 cr
Prereq: None. Freq: Collaborative grid.
 Provides potential educational leaders and community people the opportunity to examine the social and political environments which affect the educational enterprise.

THEATRE ARTS

Communication Arts 221 • 262-595-2581 • Keyword: *Theatre Arts*

Degree Offered:

Bachelor of Arts.

Bachelor of Arts with concentrations in acting, arts management, design & technology, direction & management, and music theatre.

Associate Professors:

Tucker-Snyder, M.F.A.; Warren, M.F.A.; Yohnk, Ph.D. (Chair)

Assistant Professor:

Cheatham, M.F.A.

Scene Shop Supervisor:

Clickner, M.F.A.

Costume Shop Supervisor:

Instenes, M.F.A.

Theatre Manager:

Harris, M.F.A.

Professional Accreditations or Memberships:

American College Theatre Festival, United States Institute of Theatre Technology, and Alliance for Wisconsin Theatre Education

Student Organizations/Clubs:

Drama Club, Alpha Psi Omega Theatre Honorary

Career Possibilities

A theatre arts major opens up many career opportunities including actor, director, scene designer, costume designer, lighting designer, makeup artist, sound designer, costume technician, lighting technician, production carpenter, sound engineer, booking manager, stage manager, technical director, managing director, casting director, theatrical business manager, art director, director of audience development, arts grant writer, and teacher.

Department Overview

Theatre is unquestionably one of the oldest recognized art forms with linked traditions that date back more than 25 centuries. Theatre has been and continues to be the bold, uncompromising expression of life as we know it: brutal and beautiful, tragic and triumphant, painful and joyous.

The theatre arts curriculum is the systematic study of the history of the theatre, dramatic literature, production practices and design elements from the Greeks to contemporary times. The purpose is to present the following: a comprehensive view of the evolution of theatre to its present form; an extensive study of past and current theatre production, melding theory with practical applications; and preparation for future study and/or entry-level access to the contemporary theatrical profession.

Students seeking a major in theatre arts at UW-Parkside will have the benefit of a knowledgeable and experienced faculty which is professional in orientation with years of experience in all aspects of the theatre. The physical environment, the facilities in which students cultivate theatre skills, is excellent and comprehensive. The proscenium theatre, seating 680, offers an excellent setting in terms of acoustics and aesthetics; and a small, flexible “black box” space allows a venue for more intimate and/or experimental productions. Both theaters are furnished with state-of-the-art lighting and sound equipment, and both were designed with the spectator and performer in mind.

Other facilities include scene and costume shops that provide students maximum opportunities to learn and to test newly acquired skills in the crucible of public performance. Productions are primarily cast from the student population and are often designed by experienced students under close faculty supervision. The use of the computer in theatrical production, both in design and administration, is an integral part of our curriculum. The department is also affiliated with various professional theaters, allowing opportunities for our students to experience a professional atmosphere within a liberal arts context.

Program Entry Interview/ Audition Requirements:

Every prospective theatre arts major must prepare the following materials as a part of the interview/audition process:

1. Submit an application to UW-Parkside and be accepted to the university prior to attending the interview. We will not interview students who have not been fully accepted to UW-Parkside prior to the audition.

Important Note: All students who audition for entry into the program must have a minimum cumulative high school or college GPA of 2.5 and an ACT score of at least 20.

2. Schedule an interview and/or audition time with the Theatre Arts Department on the scheduled dates (see below). Please contact Dr. Dean Yohnk at 262-595-2352 or at yohnk@uwp.edu to schedule all campus visits and interviews.
3. At the time of the scheduled interview/audition, the prospective student must present the following audition materials to the theatre arts faculty and staff:
 - A detailed theatre experience resume listing all previous theatre experiences and activities, on stage and off stage.
 - A current transcript of grades.
 - Two letters of recommendation from current or former theatre teachers and directors or from other educators who can comment on your work, spirit, and talents.

- A recent headshot that can be used for departmental records.
- Presentation of Talent
 - Students wishing to become actors, directors, or teachers are asked to prepare and present two memorized, contrasting 1-minute monologues that best show their range of talent. You may also present a one minute musical selection, however you must provide your own recorded accompaniment on CD or tape.
 - Students wishing to become designers, technicians, or stage managers are asked to present a production portfolio/scrapbook that contains examples of previous theatrical or artistic projects.

Entrance into the theatre arts program later than the freshman year can prolong the length of time required to complete the degree. To inquire about audition/interview requirements and dates, please contact Dr. Dean Yohnk at 262-595-2352 or e-mail yohnk@uwp.edu.

Once accepted as a major, students are expected to maintain a 2.5 overall GPA, a 2.75 GPA in the major, and sign a quality assurance agreement. Majors are expected to take all 100- and 200-level theatre courses before 300- or 400-level theatre courses.

Internships

Internships are available on an individual basis to students who obtain work in professional theatres and summer stock, either regionally or nationally.

Options in the Theatre Arts Major

Three options of study are available to the theatre arts major:

- B.A. in theatre arts
- B.A. in theatre arts with a concentration in one or more of the following: acting, arts management, design & technology, direction & management, or musical theatre.
- B.A. in theatre arts with a teacher licensure component

Theatre Arts Major Core Curriculum (36-39 credits)

The following core curriculum courses, or their equivalents are required of all Theatre Arts Majors.

THEA 001	Production Attendance (at least six semesters)	0 cr
THEA 010	Practicum I	1 cr
THEA 014	Acting Practicum	1-3 cr
THEA 121	Theatrical Makeup I	1 cr
THEA 125	Acting I	3 cr
THEA 132	Stagecraft	3 cr
THEA 133	Costumecraft	3 cr
THEA 206	Theatre History to 1660	3 cr

THEA 207	Theatre History 1660 to the Present	3 cr
THEA 212	Intermediate Technical Production	1-3 cr
THEA 295	Sophomore Seminar	1 cr
THEA 310	Fundamentals of Stage Direction	3 cr
THEA 350	Dramatic Literature and Style to 1850	3 cr
THEA 351	Dramatic Literature and Style from 1850 to the Present	3 cr
THEA 373	Scene Design	3 cr
or		
THEA 383	Costume Design	3 cr
THEA 495	Senior Seminar	3 cr

Option I B.A. in Theatre Arts – General Degree (48-51 credits)

36-39 credits of core curriculum and 12 credits of electives chosen from theatre arts courses numbered 300 or above.

Option II B.A. in Theatre Arts – Concentration Option

Students have the option of choosing a concentration that includes a more comprehensive study in a chosen field within the theatre arts. Students must interview or audition into the following concentrations:

Concentration in Acting (62–67 credits)

36-39 credits of core curriculum and 28 credits of concentration curriculum

THEA 225	Acting II	3 cr
THEA 228	Voice for the Actor	3 cr
THEA 314	Advanced Acting Practicum	3 cr
THEA 325	Acting III	3 cr
THEA 425	Acting IV	3 cr

3 credits from:

THEA 250	Stage Combat I	3 cr
THEA 251	Stage Combat II	3 cr

6 credits from:

THEA 315	Styles of Acting	3 cr (May be repeated for credit with new topic.)
THEA 426	Acting for Musical Theatre	3 cr

4 credits from:

THEA 117	Theatre Dance I	2 cr
THEA 217	Theatre Dance II	2 cr
HPEA 240	Ballet	2 cr
HPEA 242	Jazz Dance	2 cr
MUS 180	Class Voice	2 cr
THEA 426	Acting for Music Theatre	3 cr

Concentration in Arts Management (70 – 73 credits)

36-39 credits of core curriculum and 34 credits of concentration curriculum including 12 credits of electives chosen from theatre arts courses numbered 300 or above

16 credits from:

ACCT 201 Financial Accounting 3 cr

or

ACCT 204 Accounting for Non-Business Majors . . 3 cr

ARMA 346 Managing Arts and Cultural Organizations 3 cr

ARMA 347 Studies in Arts Marketing 2 cr

ARMA 494 Arts Management Internship 3 cr

ARMA 496 Issues in Arts Management Seminar . . . 2 cr

COMM 326 Marketing Communication and Society 3 cr

or

MKT 350 Introduction to Marketing 3 cr

6 credits from:

ART 271 Introduction to Graphic Design* 3 cr

COMM 105 Public Speaking 3 cr

COMM 202 Group Problem Solving 3 cr

COMM 285 Conflict Mediation 3 cr

COMM 303 Organizational Communication** 3 cr

COMM 305 Public Relations and Society 3 cr

CSCI 106 Computer Productivity Tools* 3 cr

CSCI 120 Computer Tools for

Multimedia Design 3 cr

HRM 343 Personnel Administration 3 cr

MGT 349 Organizational Behavior** 3 cr

MGT 447 Management Techniques 3 cr

MIS 320 Management Information Systems . . . 3 cr

MKT 358 Promotional Management 3 cr

* These courses have prerequisites

** Student may not take both MGT 349 and COMM 303 for credit toward the arts management concentration

Concentration in Design & Technology (65 – 69 credits)

36-39 credits of core curriculum and 29-30 credits of concentration curriculum

18 credits from:

THEA 312/412 Production Designer (at least 6) 6 cr

THEA 492 CAD (Painter or similar) 3 cr

ART 122 Intro to Drawing (BOK I-B) 3 cr

ART 125 Ancient and Medieval Art 3 cr

ART 126 Renaissance to Modern Art 3 cr

5-6 credits from:*

THEA 221 Theatrical Makeup II 1 cr

THEA 321 3-D Makeup 2 cr

THEA 421 Problems in 3-D Makeup 2 cr

THEA 262 Introduction to Stage Lighting 3 cr

THEA 362 Problems in Stage Lighting 3 cr

THEA 383 Costume Design 3 cr

THEA 483 Problems in Costume Design 3 cr

THEA 373 Scene Design 3 cr

THEA 473 Problems in Scene Design 3 cr

6 credits from:

ART 102 Intro to 2-D Design 3 cr

ART 103 Intro to 3-D Design 3 cr

ART 231 Beginning Life Drawing 3 cr

ART 236 Beginning Sculpture 3 cr

* Cannot count Costume or Scene Design from core courses

Concentration in Direction & Management (63 – 66 credits)

36-39 credits of core curriculum and 27 credits of concentration curriculum

21 credits from:

THEA 213 Assistant Director/

Assistant Stage Manager 3 cr

THEA 313 Stage Management 3 cr

or

THEA 410 Problems in Stage Direction 3 cr

THEA 499 Ind. Study in Management/Direction . . 3 cr

COMM 107 Comm. and the Human Condition . . . 3 cr

COMM 285 Conflict Mediation 3 cr

CSCI 106 Computer Productivity Tools 3 cr

ARMA 346 Managing Arts and

Cultural Organizations 3 cr

6 credits from:*

THEA 286 Introduction to Lighting Design 3 cr

THEA 345 Playwriting 3 cr

THEA 373 Scene Design 3 cr

THEA 383 Costume History and Design 3 cr

THEA 492 CAD (Painter or similar) 3 cr

2 credits from:

ARMA 347 Studies in Arts Marketing 2 cr

ARMA 494 Arts Management Internship 2-3 cr

ARMA 495 Seminar in Arts Management 2 cr

* Cannot count Costume or Scene Design from core courses

Concentration in Music Theatre (73 – 76 credits)

Minimum with 36-39 credits of core curriculum and 37 credits of concentration curriculum

17 credits from:

THEA 225 Acting II 3 cr

THEA 325 Acting III 3 cr

THEA 426 Acting for Music Theatre 3 cr

MUS 121 Music Theory I * 2 cr

MUS 125 Aural Music Theory 2 cr

MUS 126	Aural Music Theory II	2 cr
MUS 180	Class Voice	2 cr

3 credits from:

MUS 111	Parkside Master Singers	1 cr
MUS 112	Chorale	1 cr
MUS 113	Vocal Jazz Ensemble	1 cr
MUS 114	Voices at Parkside	1 cr

3 credits from:

MUSA 080	Private Voice	3 cr
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8 credits from:

THEA 117	Theatre Dance I	2 cr
THEA 217	Theatre Dance II	2 cr
HPEA 240	Ballet	2 cr
HPEA 242	Jazz Dance	2 cr

6 credits from:

THEA 214	Intermediate Acting Practicum (musical role)	1-3 cr
THEA 314	Advanced Acting Practicum (musical role)	1-3 cr
THEA 427	Music Theatre Workshop	1-3 cr

* MUS 101 (Fundamentals of Music) would be a prerequisite for students who do not have the music background necessary to take MUS 121.

Option III B.A. in Theatre Arts – Teacher Licensure Option

Students seeking teacher licensure in the theatre arts major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at 262-595-2100.

Requirements for the Theatre Arts Minor

The basic objective of the theatre arts minor is to provide a foundation for further study, vocational or avocational, for all interested students. The minor in theatre arts consists of 23-25 credits in either the following courses or their equivalents:

THEA 001	Production Attendance (at least three semesters)	0 cr
THEA 010	Practicum I	1 cr
THEA 014	Acting Practicum	1-3 cr
THEA 110	Theatre Appreciation	3 cr
THEA 125	Acting I	3 cr
THEA 132	Stagecraft	3 cr
or		
THEA 133	Costumecraft	3 cr
THEA 206	Theatre History To 1660	3 cr
THEA 207	Theatre History 1660 - Present	3 cr
THEA 262	Intro to Stage Lighting	3 cr

or

THEA 373	Scene Design	3 cr
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or

THEA 383	Costume Design	3 cr
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THEA 310	Fundamentals of Stage Direction	3 cr
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Courses in Theatre Arts (THEA)

- 001 Production Attendance**0 cr
Prereq: Theatre arts major or minor. Freq: Fall, Spring.
To broaden the student's theatre experience. Attendance and participation in five activities from an approved production calendar. Graded credit/no-credit.
- 010 Theatre Practicum I**1 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Practical experience through participation in productions sponsored by dramatic arts. Participation includes scenery, props, costume, makeup, lighting, or sound. May be repeated in different areas for a maximum of 4 credits. An average of five hours required per week.
- 014 Acting Practicum**1-3 cr
Prereq: Audition required or consent of instructor. Freq: Fall, Spring.
Participation as a performer in productions sponsored by theatre arts. May be repeated for a maximum of 6 credits.
- 110 Theatre Appreciation**3 cr
Prereq: None. Freq: Fall, Spring.
Introduction to the arts of the theatre. Examination of the nature, function, and basic theories of drama. Reading selected plays and attending three or four theatrical performances. Field trips to theatrical productions required. Additional fees required.
- 117 Theatre Dance I**2 cr
Prereq: None. Freq: Occasionally.
Different theatre dance styles will be explored (jazz, soft shoe/tap, chorus dancing, etc). May be taken for credit each time a different topic is studied.
- 121 Theatrical Makeup I**1 cr
Prereq: None. Freq: Spring.
Basic principles and techniques of theatrical makeup. Lab fee required.
- 125 Acting I**3 cr
Prereq: None. Freq: Fall.
Foundations of acting and script analysis based on methods of Stanislavski and Robert Cohen. Emphasis is on acting through doing. Includes exercises, monologues and scene-work. Not available for audit. Intended for majors/minors. Field trips to theatrical productions required. Additional fees required.
- 132 Stagecraft**3 cr
Prereq: None. Freq: Fall.
Introduction to procedures and theories of theatrical production. Includes stage equipment, scenic construction, scenic painting, technical personnel duties, practical applications, and work on current productions.

- 133 Costumecraft**3 cr
Prereq: None. Freq: Spring.
Introduction to procedures and theories of costume construction. Includes shop equipment, costume construction techniques, personnel duties, practical applications, and work on current productions. Lab fee required.
- 141 Theatre in the City**1 cr
Prereq: None. Freq: Spring, Occasionally Fall.
A study of plays, current productions, playwrights, actors, and theatrical practices in selected cities. May be repeated with different content. May not be taken without THEA 142.
- 142 Theatre in the City Field Trip**.....1 cr
Prereq: None. Freq: Spring, Occasionally Fall.
Field trip allowing on-site observation of theory and practice studied in accompanying course. Consists of play attendance, guest lectures, and backstage tours. May be repeated with different content. May be taken with/without THEA 141. Additional fees required.
- 206 Theatre History To 1660**.....3 cr
Prereq: None. Freq: Alternate Falls (odd years).
A study of production practices, representative plays and playwrights, personalities, physical structures, and theatre traditions from 500 B.C. to 1660. Field trips to theatrical productions required. Additional fees required.
- 207 Theatre History from 1660 to the Present**.....3 cr
Prereq: None. Freq: Alternate Springs (even years).
A study of production practices, representative plays and playwrights, personalities, physical structures, and theatre traditions from 1660 to the present. Field trips to theatrical productions required. Additional fees required.
- 210 Plays From Stage to Screen**3 cr
Prereq: None. Freq: Occasionally.
A study of selected plays by either genre or author that traces the evolution of the script from stage production to cinematic presentation.
- 212 Intermediate Technical Production**..... 1-3 cr
Prereq: THEA 010, 132, 133 and consent of instructor. Freq: Fall, Spring.
Student serves as supervisor, crewhead, or assistant designer for a production. Participation may include but is not limited to scenery, props, costume, makeup, sound or lighting. Additional written and visual research required depending on position. May be repeated in a different area for a maximum of 6 credits.
- 213 Assistant Director/Assistant Stage Manager**..... 1-3 cr
Prereq: THEA 132 and consent of instructor. Freq: Fall, Spring.
Student serves as either assistant director or assistant stage manager for a production. Additional written and visual research required depending on position. May be repeated in a different area for a maximum of 6 credits.
- 214 Intermediate Acting Practicum**1-3 cr
Prereq: Audition, THEA 014 and consent of instructor. Freq: Fall, Spring.
Participation as a performer or dramaturg. Requires additional journal and evaluation. May be repeated for up to 6 credits.
- 217 Theatre Dance II**2 cr
Prereq: THEA 117. Freq: Occasionally.
Different theatre dance styles will be explored (jazz, soft shoe/tap, chorus dancing, etc.). May be taken for credit each time a different topic is studied.
- 221 Theatrical Makeup II**.....1 cr
Prereq: THEA 121. Freq: Spring.
Intermediate study of principles and techniques of theatrical makeup. Lab fee required.
- 225 Acting II**3 cr
Prereq: THEA 125 or consent of instructor. Freq: Spring.
Intensification and deepening of an actor's skills. Emphases on simplicity and in-the-moment work, including Meisner and Neutral mask work. Field trips to theatrical productions required. Additional fees required.
- 228 Voice for the Actor I**3 cr
Prereq: THEA 125 or consent of instructor. Freq: Occasionally.
An intensive studio course in the individual development and use of the voice for performance. Articulation and voice projection will be stressed. Field trips to theatrical productions required. Additional fees required.
- 240 Creative Dramatics in the Classroom**.....3 cr
Prereq: THEA 125 or consent of instructor. Freq: Alternate Falls.
Exploration of and participation in spontaneous drama activities; emphasis on materials and ideas applicable for use with primary through high school students. A portion of this class is in off-site schools. Additional local travel required.
- 250 Stage Combat I – Unarmed**3 cr
Prereq: THEA 125 or consent of instructor. Freq: Every fourth Spring (even years).
Introduction to unarmed stage combat. Focus on basic combat techniques and movement skills: physical awareness, balance, coordination, and safety. Incorporates acting within choreography. Field trips to theatrical productions required. Additional fees required.
- 251 Stage Combat II– Basic Swordplay**3 cr
Prereq: THEA 125 or consent of instructor. Freq: Every fourth Spring (even years).
Focus on sword work (single rapier). Development of high speed, moment-to-moment acting. Benefits include heightened concentration, physical agility and stamina. Field trips to theatrical productions required. Additional fees required.
- 262 Introduction to Stage Lighting**.....3 cr
Prereq: THEA 132 or consent of instructor. Freq: Alternate Springs (odd years).
Introduction to basic lighting theories and practice. Includes stage wiring, familiarization with instruments, terms, computer-assisted drafting, and basic planning for theoretical productions; and work on current productions.
- 285 Performance and Portfolio Development**1 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Professional development of visual performance material, resumes, and portfolios.

- 290 Special Topics in Theatre Arts**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in theatre arts will be examined.
- 292 Computer Assisted Design**.....3 cr
Prereq: None. Freq: Alternate Falls (odd years)
 Study and practice of computer-assisted design programs used by theatrical designers. Lab fee required.
- 295 Sophomore Seminar**.....1 cr
Prereq: 15 credits in THEA. Freq: Fall
 Students will focus on the development and presentation of portfolios and audition materials to prepare them for professional careers and/or graduate study.
- 310 Fundamentals of Stage Direction**3 cr
Prereq: THEA 125 and 132, or consent of instructor.
Freq: Alternate Falls.
 Examination of the director's role in theatre production. Concentrated study of the theoretical and practical principles and techniques of directing and play analysis. Field trips to theatrical productions required. Additional fees required.
- 312 Production Designer Studio**1-5 cr
Prereq: THEA 212 and consent of instructor. Freq: Fall, Spring.
 Student serves as designer for a studio production. Designs may include but are not limited to scenery, props, costume, makeup, sound or lighting. Additional written and visual research required depending on position. May be repeated for a maximum of 10 credits with only 6 in one area applied toward the major.
- 313 Stage Management**3-5 cr
Prereq: THEA 212 and consent of instructor. Freq: Fall, Spring.
 Student serves as stage manager for a production. Additional written and visual research required. May be repeated for a maximum of 10 credits.
- 314 Advanced Acting Practicum**.....1-3 cr
Prereq: Audition, THEA 214 and consent of instructor. Freq: Fall, Spring.
 Participation as a performer or a dramaturge. Requires additional journal and written evidence of research and outside efforts in character development. May be repeated for a maximum of 6 credits.
- 315 Styles of Acting**3 cr
Prereq: THEA 225 and consent of instructor. Freq: Occasionally.
 An intensive investigation of a selected style of acting such as comedy, improvisation, physical acting, musical theatre performance, Shakespeare, etc. May be taken for credit each time a different topic is studied. Field trips to theatrical productions required. Additional fees required.
- 316 Technical Direction**2-3 cr
Prereq: THEA 212 Freq: Fall, Spring.
 Student serves as technical director for a production. Additional research and graphic materials are required. May be repeated for a maximum of 9 credits.
- 321 Three Dimensional Makeup**2 cr
Prereq: THEA 221 or consent of instructor. Freq: Spring.
 Principles and techniques of three-dimensional prosthetic makeup for the stage. Lab fee required.
- 325 Acting III**3 cr
Prereq: THEA 225 or consent of instructor. Freq: Fall
 Advanced scene study and exploration of characterization. Emphasis on adding the layers of complex action (conditioning factors, physicalization, internal obstacles, etc.). Field trips to theatrical productions required. Additional fees required.
- 328 Voice for the Actor II**3 cr
Prereq: THEA 228 and consent of instructor. Freq: Occasionally.
 The continuation of individual development and use of the voice for performance. Development of an aesthetic quality, expressive intonation, and study of the more commonly used American and foreign dialects. Field trips to additional theatrical productions required. Additional fees required.
- 331 Contemporary Drama**.....3 cr
Prereq: THEA 207 or concurrent registration or consent of instructor. Freq: Occasionally.
 A study of British, American, and/or European drama from Ibsen through to the present. Cross listed with ENGL 331.
- 345 Playwriting**3 cr
Prereq: None. Freq: Occasionally.
 The fundamental techniques of playwriting. Emphasis on creation of an original play for the stage. Field trips to additional theatrical productions required. Additional fees required.
- 350 Dramatic Literature and Style to 1850**.....3 cr
Prereq: THEA 206. Freq: Alternate Fall
 This course in dramatic literature and style will introduce learners to the major playwrights, theatrical texts, and dramatic styles represented in the world theatre "canon" to the year 1850. While focusing on the reading and interpretation of the most significant theatrical texts from a variety of periods, cultures, and genres, this course will stress the need to consider and analyze theatrical texts in context of their original production conventions and performance settings.
- 351 Dramatic Literature and Style, 1850 to the Present**....3 cr
Prereq: THEA 207. Freq: Alternate Spring.
 This course in dramatic literature and style will introduce learners to the major playwrights, theatrical texts, and dramatic styles represented in the world theatre "canon" from 1850 to the present. While focusing on the reading and interpretation of the most significant theatrical texts from a variety of periods, cultures, and genres, this course will stress the need to consider and analyze theatrical texts in context of their original production conventions and performance settings
- 362 Problems in Lighting Design**3 cr
Prereq: THEA 262 and consent of instructor. Freq: Alternate Springs (odd years).
 Intermediate instruction in lighting design. Practical application of lighting theory is stressed. Includes hand and CAD drafting and special applications of lighting for theoretical and practical exercises and work on current productions.
- 373 Scenic Design**.....3 cr
Prereq: THEA 132 or consent of instructor. Freq: Alternate Springs (even years).
 Basic theoretical and practical techniques of designing stage scenery. Includes instruction in drafting, ground plans, perspective sketches, rendering and model building and work on current productions. Lab fee required.

- 383 Costume Design**3 cr
Prereq: THEA 133 or consent of instructor. Freq: Alternate Falls (even years).
 Examination of fundamentals inherent in the costume design process including theory, historical research and rendering styles. Lab fee required.
- 390 Special Topics in Theatre Arts**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in theatre will be examined.
- 391 Women In Theatre**3 cr
Prereq: THEA 206 or 207 or consent of instructor. Freq: Occasionally.
 An exploration of contributions women have made in theatre as dramatists, actors, directors, designers and producers. The focus will be primarily on the 20th century.
- 410 Problems in Stage Direction** 3 cr
Prereq: THEA 310 and consent of instructor. Freq: Fall.
 Application of directing principles to play scripts with particular emphasis on various textual elements. Exercises and directing of one-act play presentations.
- 412 Production Designer Main Stage**1-5 cr
Prereq: THEA 312 and consent of instructor. Freq: Fall, Spring.
 Student serves as designer for a main-stage production. Designs may include but are not limited to scenery, props, costume, makeup, sound or lighting. Additional written and visual research required depending on position. May be repeated for a maximum of 10 credits with only 6 in one area applied toward the major.
- 421 Problems in Three Dimensional Makeup**2 cr
Prereq: THEA 321 and consent of instructor. Freq: Spring.
 Intermediate study of special problems in three-dimensional prosthetic makeup for the stage. Lab fee required.
- 425 Acting IV**3 cr
Prereq: THEA 325 consent of instructor. Freq: Spring.
 Focus on elements of style through scene work, involving complex characterization, and research. Expanding the truth to accommodate both classical and contemporary/post-modern styles. Field trips to theatrical productions required. Additional fees required.
- 426 Acting for Music Theatre**.....3cr
Prereq: THEA 125, 225. Freq. Alternate Falls (odd years).
 This course is an introduction to styles of acting for the musical theatre, including exercises, improvisations, scene and vocal work. Field trips to theatrical productions required. Additional fees required.
- 427 Musical Theatre Workshop**2 cr
Prereq: None.
 This performance-based workshop course that allows learner to study, research, prepare, and perform scenes, songs, and dances from selected musical theatre texts. This course may be repeated for credit, with the instructor's permission. Field trips to theatrical productions required. Additional fees required.
- 441 Methods of Teaching Drama**3 cr
Prereq: Completion of theatre arts major through 310 and admission to TEDU program. Freq: Occasionally.
 A study of the methods and materials appropriate for teaching speech and drama in the secondary school. A portion of this class is at off-site schools. Additional local travel required.
- 445 Playwriting II**.....3 cr
Prereq: THEA 345 and consent of instructor. Freq: Alternate Falls (even years).
 This theoretical and practical course in playwriting will build upon and further develop the technical foundations and writing strategies explored by writers in THEA 345. This course will provide the playwright with necessary tools and practical methodologies necessary to take their texts from "page" to "stage." Staged readings required.
- 473 Problems in Scenic Design**.....3 cr
Prereq: THEA 373 and consent of instructor. Freq: Alternate Springs (even years).
 Intermediate studies in scenic design. Theoretical application of scenic design projects. Includes a continuation of rendering, ground plan, and model work begun in THEA 373, and introduces technical drawings and painting elevations. Also includes work on current productions.
- 483 Problems in Costume Design**3 cr
Prereq: THEA 383 and consent of instructor. Freq: Alternate Falls (even years).
 Intermediate study of special problems in costume research and theory, plus projects in costume design. Lab fee required.
- 490 Special Topics in Theatre Arts**.....1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in theatre arts will be examined.
- 492 Computer Assisted Design**.....3 cr
Prereq: THEA 292 or consent of instructor. Freq: Alternate Falls (odd years).
 Advanced study and practice of computer-assisted design programs used by theatrical designers. Lab fee required.
- 495 Senior Seminar**.....3 cr
Prereq: Consent of instructor. Freq: Fall.
 For students in their final year. Students will be required to demonstrate their ability to successfully research in the field through written, oral and visual presentations to the group. Each student will focus their approach to this critical study of the topic within their own area of concentration (design, acting, directing or dramaturgy). At the same time, students will be focusing on the development and presentation of portfolios and audition materials to prepare them for professional and/or graduate study. Field trips to theatrical productions required. Additional fees required.
- 499 Independent Study**1-5 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring, Summer.
 Regularly available under supervision of individual instructors; may include apprenticeships and internships on or off campus.

WOMEN'S STUDIES

Greenquist 318 • 262-595-2162 • Keyword: *Womens Studies*

Degree Offered:

UW-Parkside offers a concentration in women's studies through the interdisciplinary studies major (ISTD). This major draws upon existing UW-Parkside courses, along with distance education and online courses provided in collaboration with other UW System campuses through the UW System Women's Studies Consortium.

UW-Parkside also offers a minor in women's studies through the Center for Women's Studies. Interested students should consult the program directors through interdisciplinary studies for the concentration and the Center for Women's Studies for the minor.

Faculty:

Many faculty teach women's studies courses through their departments; serve on the women's studies steering committee; or work on collaborative projects and initiatives such as Women in Math and Science Day, and Women in Technology Day.

Reinders, M.A. (Director)

Akindes, F., Ph.D.; Allen, Ph.D.; Barber, Ph.D.; Beyer, Ph.D.; Castor, Ph.D.; Christie, M.F.A.; Funkenstein, Ph.D.; Gee, Ph.D.; Gellott, Ph.D.; Gonzalez, Ph.D.; Gurnack, Ph.D.; Haller, Ph.D.; Kavenik, Ph.D.; Khan, Ph.D.; Kolb-Gregory Ph.D.; Lenard, Ph.D.; Lyter, Ph.D.; McRoy, Ph.D.; Pearson, M.A.; Saffioti-Hughes, Ph.D.; Schleiter, Ph.D.; Skendzic, Ph.D.; Statham, Ph.D.; Tutlewski, M.A.; Tucker-Snyder, M.F.A.; Vopat, Ph.D.; Wilson, M.S.; Wolf, Ph.D.

Student Affiliations

The Women's Center, Wyllie Concourse, 262-595-2170.

Career Possibilities

Nonprofit organizations, business, creative arts, education, government, health, journalism, law, medicine and social work, especially pertaining to women's issues. Graduate school with emphasis in the humanities, social sciences or the professions. Careers are strengthened and enhanced by a minor or major in women's studies. Students are encouraged to discuss career options early with the program director and to consider internships and other activities which allow them to explore career possibilities.

Program Overview

The Center for Women's Studies provides an interdisciplinary program that draws upon all departments in the university to provide a systematic analysis of women's experiences in society. Its goal is to provide insights and generate activities that will lead to an improvement in the position of women and to transform society in the process. In such courses, women's positions are often analyzed relative to those of men, and these courses are relevant for both women and men who are seeking a fuller understanding of past, present and future social trends.

Students electing the women's studies concentration in the interdisciplinary studies major or the women's studies minor may combine it with any major to give those students enhanced knowledge of gender issues within their major area. Graduates have found jobs in the community that focus on women's issues such as program coordinator, program director, counselor, etc., in organizations dedicated to women's issues. In addition, students have often been able to redirect the focus of existing organizations to address the needs of women, which are often neglected.

Preparation for Graduate School

Students who graduate with this minor can go on to professional and graduate programs in law, sociology, humanities, medicine and health, theology and other fields. Consult the directors for further information to develop a plan of study.

Internships

Internships and applied experiences in other courses or independent study projects are encouraged. These experiences assist students in evaluating developing skills for possible job settings.

Requirements for the Women's Studies Minor

Eighteen credits are required for the minor. Students must take three core courses:

WOMS 110	Introduction to Women's Studies-Theories and Methodology.	3 cr
WOMS 111	Introduction to Women's Studies-Women in History	3 cr
or		
WOMS 112	Introduction to Women's Studies-Women in Literature	3 cr
WOMS 494	Internship in Women's Studies	1-3 cr
or		
WOMS 495	Women's Studies Seminar	3 cr
or		
WOMS 497	Women's Studies Senior Thesis	3 cr
or		
WOMS 499	Independent Study	1-3 cr

Plus at least one course from each of the following three areas: creativity, institutions in society, science and professions.

1. Creativity: These are courses offered by the departments of Art, English, Philosophy, Modern Languages, Music, and Theatre Arts and are listed under "Women's Studies" in the semester course schedule.

Examples include but are not limited to:

THEA 391	Women in Theatre	3 cr
ENGL 367	Studies in American Ethnic Literature Black Women Novelists	3 cr
ENGL 417	Studies in English Literature Foremothers of the British Novel	3 cr
ENGL 458	Studies in Film: Women in Film.	3 cr
ENGL 464	Studies in Cultural Patterns: Women and Myth	3 cr
ENGL 464	Studies in Cultural Patterns: Gay and Lesbian Literature.	3 cr
ENGL 469	Studies in Women Writers	3 cr
HUMA 102	Introduction to Humanities - World Cultures 1500 to Present	3 cr (certain sections)
WOMS 112	Introduction to Women’s Studies- Women in Literature	3 cr

2. Institutions in Society: These are courses offered by the departments of Communication, Economics, Geography, History, Political Science, Psychology, Sociology/Anthropology and listed under “Women’s Studies” in the semester course schedule.

Examples include but are not limited to:

COMM 315	Communication and Gender	3 cr
HIST 236	Women in Modern Society.	3 cr
POLS 203	Women, Power, and Politics	3 cr
PSYC 230	Psychology of Human Sexuality	3 cr
PSYC 280/380	Psychology of Gender.	3 cr
SOCA 207	Marriage and Family	3 cr (certain sections)
SOCA 213	Gender and Society.	3 cr
SOCA 226	Peoples of Africa.	3 cr
SOCA 324	African-American Studies	3 cr
SOCA 354	Class, Status and Power	3 cr (certain sections)
WOMS 111	Introduction to Women’s Studies- Women in History	3 cr

3. Science and Professions: Courses offered by a variety of departments including Biological Sciences, Business Management, Geosciences, Computer Science, Teacher Education, Sociology/Anthropology, and Health, Physical Education and Athletics. Courses applicable to the minor are listed under “Women’s Studies” in the semester course schedule.

Examples include but are not limited to:

MGT 446	Global Issues in Management.	3 cr
HPEA 321	Women’s Health Issues	3 cr
HPEA 330	Sport in Society	3 cr
SOCA 430	Medical Sociology.	3 cr
WOMS 103	Human Biology	3 cr
WOMS 250	Women in Science	3 cr

Each semester, courses appropriate for the women’s studies minor are listed in the course schedule. Since courses are offered on a rotating basis, students are advised to consult with women’s studies faculty and directors to assist them with course selection and proper completion of requirements.

Students may count 3 credits of internship (494) or independent study (499) toward the minor. Arrangements for these projects must be made with individual Women’s Studies faculty.

Courses in Women’s Studies (WOMS)

103 Human Biology 3 cr

Prereq: None. Freq: Yearly.

A general course which covers basic information about the human body. Designed specifically for non-science majors; not for credit toward biological sciences major. 2 hr l cr; 50 min demo. Cross listed as BIOS 103.

110 Introduction to Women’s Studies-Theories and Methodology 3 cr

Prereq: None. Freq: Fall.

This course introduces students to the field of women’s studies, its theoretical and methodological bases, and the challenges it creates for other academic disciplines. It emphasizes the diversity among women including diversity in race and ethnicity, sexual preferences, physical abilities, etc.

111 Introduction to Women’s Studies-Women in History 3 cr

Prereq: None. Freq: Alternate Springs.

This course considers important characters and events in various historical periods from ancient Greece to the modern world. A diversity of cultures (i.e., European, African, Asian, indigenous American) is considered. Cross listed as HIST 111.

112 Introduction to Women’s Studies-Women in Literature. 3 cr

Prereq: None. Freq: Alternate Springs.

This course surveys women writers from classical times to the modern era, in their cultural contexts, and identifies the way in which their writing illuminates women’s experience. Works by women from various cultures and backgrounds are considered. Cross listed as ENGL 112.

250 Women in Science. 3 cr

Prereq: None. Freq: Occasionally.

Study of the role of women in science; analysis of the gendered social structure of science and how it is changing; and imagining the future.

290 Special Topics in Women’s Studies 3 cr

Prereq: None. Freq: Occasionally.

Selected topics in women’s studies will be examined.

390 Special Topics in Women’s Studies. 1-4 cr

Prereq: None. Freq: Occasionally.

Selected topics in women’s studies will be studied.

490 Special Topics in Women’s Studies 3 cr

Prereq: None. Freq: Occasionally.

Selected topics in women’s studies will be examined.

- 494 Internship in Women's Studies**3 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
 Work experience in a women's studies-related environment or supervised experience in planned projects that expose students to applied settings that serve women. Emphasis on applying feminist analysis, qualitative research methods, communication and other skills, while increasing career knowledge and awareness.
- 495 Women's Studies Seminar**3 cr
Prereq: WOMS 110, 111 or 112 and another WOMS course.
Freq: Alternate years.
 Focuses on developments in feminist theory and methodology, with the goal of integrating theory and methods acquired in earlier women's studies courses and encouraging students to apply the material to the community around them. The seminar allows students to work in their own interests within a broad theme selected by the instructor.

- 497 Women's Studies Senior Thesis**3 cr
Prereq: WOMS 110; 111 or 112; another WOMS course; and consent of instructor. Freq: Fall, Spring, Summer.
 Independent research and writing of an essay of substantial length under faculty supervision. Agreement of faculty member to undertake supervision is necessary before registration.
- 499 Independent Study**1-3 cr
Prereq: Consent instructor and program director.
Freq: Fall, Spring, Summer.
 Individual research projects in women's studies. Up to 3 credits may be applied to the minor.

INDEX

A

Academic Advising	36
Academic Forgiveness Policy	41
Academic Honors for Undergraduate Students	42
Dean's List	42
Graduation With Honors	43
Academic Probation and Suspension Policy	42, 236
Academic Skills Program	50
Accounting Concentration	73
Adding a Course	37
Administration	7, 254
Admission Requirements	12
Admissions	12, 46, 232
Adult Student Association	48
Adult (Nontraditional) Student Section	45
Advanced Placement	15
Advising Center	43
Application to Graduate	28
Art	52
Arts Management	62
Athletics and Recreation	20
Auditing a Course	35
Audit	36, 233

B

Biological Sciences	64
Business Management Major	70

C

Campus Bookstore	20, 47
Campus Map	7
Career Center	21, 47
Cashier's Office	47
Certificate Programs	32
Chemistry	79
Child Care Center	9, 21, 47
Class Load	36
Clubs and Organizations	21
Adult Student Alliance	21
Asian Organization	21
Black Student Union	21
International Club	21
Latinos Unidos	21
Parkside Activities Board	21
GLBTA Rainbow Alliance	21
Sacred Circle	21
Student Government	21
Student Organizations Council	22
The Ranger News	22
WIPZ 101.7-FM Radio	22
Communication	83
Communication Arts Building	7

Community Based Learning	88
Completion After Graduation	35
Computer Labs	22, 47
Computer Science	90
Concentrations	32
Consortial Graduate Programs in Education	251
Course Numbering System	40
Course Prerequisites	37
Courses that do not Count Toward Graduation	34
Credit by Examination	38, 46
Credit for Experiential Learning	39, 46
Credit/No-Credit Courses	35
Credits for Military Service	39, 46
Criminal Justice	95
Cross-Listed Courses	37

D

Dean's List	42
Declaring a Major	31
Degree Audit Reporting System (DARS)	44
Degree Completion Programs	34
Degree Requirements	28
Graduate	231
Undergraduate	28
Skills Requirements	29
General Education Requirements	29
Foreign Language Requirement	29
Ethnic Diversity Requirement	30
Degree Summary	28
Degree-Seeking Status	12
Dining Services	22
Directed Studies/Independent Study	34
Directions to Campus	10
Directory	254
Disability Services	22, 47
Diversity	6, 23, 30
Double Major	34
Dropping a Course	37

E

Economics	99
Educational Support Services	22, 47
Learning Assistance	22
Student Support Services	23, 47
Tutoring Center/Services	25
Engineering	102
English	106
Environmental Studies	115
Ethnic Studies	117
Evening Programs	34
Examinations	37

F

Faculty/Instructional Staff	255
Emeritus faculty	261
Failures or Incompletes in the Major	34
Final Examinations	37
Accommodation of Religious Observances	38
Finance Concentration	74
Film Certificate	110
Financial Aid	15, 47, 233
Financial Aid for Graduate Students	233
Financial Aid Priority Filing Date	16
Financial Need Analysis	16
Four-Year Graduation Guarantee Plan	12
French Studies	160
Frequently Called Numbers	4

G

General Business Concentration	75
General Education Program	119
General Sciences	120
General University Requirements	28
Ethnic Diversity Requirement	30
Foreign Language Requirement	29
Placement Tests for Foreign Language Courses	29
Retroactive Credit in Foreign Language for Transfer Students	29
Retroactive Credits in Foreign Language	30
General Education Requirements	29
Skills Requirements	29
Geography	121
Geosciences	125
German Studies	162
Gerontology	130
Grade Appeals Procedure	41, 236
Grade Changes	44, 235
Grade Point Average (GPA)	41
Grades	40
Audit (AUD)	40
Credit (CR)/No Credit (N/C)	40
Incomplete (I)	40
No Report Submitted (NR)	40
Retaken (RT)	40
Unusual Grades	40
Graduate Policies	234
Course Prerequisites	235
Academic Probation	236
Adding a Course	235
Appeals Procedures	236
Degree Requirements	234
Degree with Distinction	235
Dropping a Course	235
Grading Policies	235
Repeated Courses	235
Retaking a Course	235
Transcripts	235
Withdrawal	236

Graduate Programs	231
Admission	232
Admission as a Degree-Seeking Student	232
Admission as a Non-Degree-Seeking Student	232
Admission with Probationary Status	233
Audit Students	232
Consortial Programs	233
International Students	234
Payment of Fees	234
Refunds	234
Tuition and Fees	234
Veterans Benefits	233
Graduation with Honors	43
Greenquist Hall	8

H

Health, Physical Education and Athletics	131
High School Students	15
History	139
Honors Program	33, 143
Housing	23
Humanities	144
Human Resources Concentration	75

I

Information Center	26
Interdisciplinary Studies	147
International Student Services	23
International Students	14, 23, 233
International Studies	152
Internships	34

L

Learning Assistance	22
Library	9, 48

M

Majors and Degrees	31
Management	76
Management Information Systems	71
Marketing Concentration	78
Master of Business Administration	238
Master of Science in Applied Molecular Biology	243
Master of Science in Computer and Information Systems	247
Master's Degree Programs	33, 238, 243, 247
Mathematics	156
Meal Plan	26, 47
Minor Programs	32
Mission, University	6
Modern Languages	160
Molinaro Hall	8
Multicultural Affairs	23
Museum Studies	168
Music	169

N

Non-Degree-Seeking Students	14
Nontraditional (Adult) Student Section	45
Nursing Program	177

O

Out of State Initiative Scholarship	16
---	----

P

Parking	9
Phi Eta Sigma	43
Philosophy	184
Physics	188
Placement Tests	15
Police and Public Safety	24
Political Science	191
Pre-Professional Interests	33
Pre-Professional Programs	34
Programs & Policies	27, 232
Psychology	196

R

Ranger Card	26, 47
Ranger Card Office	26
Re-entry Students	14
Readmission Following an Academic Suspension	42
Refunds	18
Food Refunds	18
For Withdrawals	18
Housing Refunds	18
Registrar/Student Records	47
Registration Changes	37, 235
Registration Policies	36
Repeated Courses	37
Residence Halls	8
Retaken Courses	37

S

Scholarships	16
Second Bachelor's Degree	35
Senior Citizens	15
Social Security Disability Recipients	15
Sociology/Anthropology	200
Spanish Major	164
Sports & Activity Center	8
Statement of Compliance	263
Statistics and Quantitative Methods	78
Student Activities	24
Student Employment	24
Student Health & Counseling Center	9, 24, 47
Health, Counseling and Wellness Information	24
Peer Health Educators	25
Personal Counseling, Alcohol and Other Drug Counseling and Prevention Education	24

Student Health Insurance	25
Student Services and Campus Life	19
Student Support Services	23, 47
Student Volunteers	25
Substitutions and Waivers of Requirements	35
Summary of Credit Rules	35

T

Tallent Hall	9
Teacher Education	33, 207, 251
Consortial Graduate Programs in Education	251
Teacher Licensure Programs	33
Testing	25
Advanced Placement (AP) Tests	25, 38
National Tests	25, 39
Placement Tests	25
Theatre Arts	220
Transcripts	43
Transfer Credit for Continuing Students	35
Transfer Information System (TIS)	13
Transfer Students	13, 30
Certification of Transfer Students in Skills Requirements	30
General University Requirements	30
Tuition and Fees (Undergraduate)	16
Audit Fees	17
Charges for Checks Returned for Non-sufficient Funds	18
Fees for Adding Courses	18
Fees for Dropping Courses	18
Fees for Enrollment Changes	18
Payment of Fees	17
Tuition/Housing and Food Service Installment Plan	17
Tuition and Fees (Graduate Programs)	234
Fees for Adding Courses	234
Fees for Dropping Courses	234
Fees for Enrollment Changes	234
Non-Sufficient Check Charges	234
Payment of Fees	234
Refunds for Withdrawals	234
Tutoring Center	23, 25

U

Undergraduate Policies	34
Undergraduate Students in Graduate Courses	233
University of Wisconsin System Board of Regents	254
UW-Parkside Union	8, 26
UW System President	254

V

Veterans	15, 48, 233
Volunteer Program	25

W

Weekend College	34
Withdrawal from the University	37, 236
Women's Studies	227
Wyllie Hall	9

Y

Youth Options Program	15
---------------------------------	----