

NEW ASSOCIATE OF SCIENCE

1. Name and Email Address of Person Submitting:

Gary Wood, Ph.D.
Vice Provost for Academic Affairs
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2. University Name:

The new Associate of Science degree will be offered by Gateway Technical College (GTC); UW-Parkside is in partnership with GTC, to provide classes that GTC cannot offer to fulfill the associate liberal arts degree requirements

3. Proposed Program: Associate of Science (Liberal Arts Transfer)

4. Mode of Delivery: 50% or more distance delivery

5. Provide a Brief Rationale for Adding the Degree:

GTC and UW-Parkside seek to close the attainment gap by expanding and maximizing access to postsecondary education in the Gateway District. Southeast Wisconsin students, especially those that are place bound, do not currently have access to acquire a liberal arts transfer degree at GTC. According to the Lumina Foundation, the GTC District postsecondary credential attainment rate is 38%, while the state average is 53%. Based on current data available through Tableau, in FY20 there were 820 students who attended WTCS colleges outside the GTC district to obtain the Liberal Arts degrees. In order to fulfill the requirements for an Associate of Science degree, GTC will partner with UW-Parkside for coursework to supplement the coursework at GTC. Students will complete fewer than 25% of their credits at UW-Parkside.

6. Provide an Outline of the Curriculum. Include a List of Courses and Other Requirements such as Internships, Practica, etc.:

The curriculum outlined in the table below aligns with the UW System Shared Learning Goals, as required in UW System Admin Policy 115. The courses included in this array allow for students to experience several High Impact Practices (HIPs): writing intensive courses, undergraduate research, collaborative assignments/projects, diversity/global learning opportunities, and service learning/community-based learning.

Courses on the same row are treated as direct equivalents between the two institutions.

Associate of Science (60 credits)*				
General Education (41-46 credits)				
WTCS Course Title	Credits	UW-Parkside Course Options		
Knowledge of Human Cultures and the Natural World (20-25)		Knowledge of Human Cultures and the Natural World (20-25)		
Course Title	Credits	Course Title		Credits
Science and Math		Science and Math		
General Biology 806-114	4	Nature of Life	BIOS 100	4
Anatomy & Physiology I 806-XXX	4	Human Physiology and Anatomy I	BIOS 105	4
Anatomy & Physiology II 806-XXX	4	Human Physiology and Anatomy II	BIOS 106	4

General Chemistry 806-134	4	The World of Chemistry	CHE M 100	4
Chemistry 1 806-XXX	4	Chemical Science	CHE M 115	4
Chemistry 2 806-XXX	4	Organic and Biochemistry	CHE M 215	4
General Physics 806-154	4	College Physics I	PHYS 105	4
Introductory Statistics 804-189	3	Elementary Statistics	MAT H 103	3
Quantitative Reasoning 804-XXX	3	Quantitative Reasoning	MAT H 104	3
College Technical Math I 804-XXX	5	College Algebra II	MAT H 112	5
College Algebra and Trig w/Apps 804-197	5	College Algebra II w/ Trigonometry	MAT H 114	5
Calculus 1 804-XXX	4	Calculus and Analytic Geometry I	MAT H 221	4
Calculus 2 804-XXX	4	Calculus and Analytic Geometry II	MAT H 222	4
Calculus 3 804-XXX	4	Calculus and Analytic Geometry III	MAT H 223	4
Social Science, Humanities, and Fine Arts				
		Introduction to Philosophy	PHIL 101	3
Intro to Ethics: Theory & Applications 809-166	3	Introduction to Ethics	PHIL 206	3
Introduction to Psychology 809-198	3	Introduction to Psychology	PSYC 101	3
Developmental Psychology 809-XXX	3	Introduction to Human Development	PSYC 201	3
Economics 809-195	3	The American Economy	ECON 101	3
Microeconomics 809-XXX	3	Microeconomics	ECON 120	3
Macroeconomics 809-XXX	3	Macroeconomics	ECON 121	3
Art History 815-XXX	3	Foundations of Art & Visual Culture	ART 100	3
		Introduction to Drawing	ART 122	3
		Introduction to Film	ENGL 252	3
		Introduction to Archaeology	ANTH 201	3
Introduction to Sociology 809-196	3	Introduction to Sociology	SOCA 101**	3

Marriage and Family 809-XXX	3	Marriage and Family	SOCA 207**	3
Art History 304-118	3	Art Appreciation	ART 100**	3
*****809-122	3	American Politics	POLS 100**	3
		Survey of World Art	ART 125**	3
		Philosophy of Religion	PHIL 205**	3
Critical and Creative Thinking Skills (6)**		Critical and Creative Thinking Skills (6)**		
Science and Math				
General Biology 806-114	4	Nature of Life	BIOS 100	4
Anatomy & Physiology I 806-XXX	4	Human Physiology and Anatomy I	BIOS 105	4
Anatomy & Physiology II 806-XXX	4	Human Physiology and Anatomy II	BIOS 106	4
General Chemistry 806-134	4	The World of Chemistry	CHE M 100	4
Chemistry 1 806-XXX	4	Chemical Science	CHE M 115	4
Chemistry 2 806-XXX	4	Organic and Biochemistry	CHE M 215	4
General Physics 806-154	4	College Physics I	PHYS 105	4
Introductory Statistics 804-189	3	Elementary Statistics	MAT H 103	3
Quantitative Reasoning 804-XXX	3	Quantitative Reasoning	MAT H 104	3
College Technical Math I 804-XXX	5	College Algebra II	MAT H 112	5
College Algebra and Trig w/Apps 804-197	5	College Algebra II w/ Trigonometry	MAT H 114	5
Calculus 1 804-XXX	4	Calculus and Analytic Geometry I	MAT H 221	4
Calculus 2 804-XXX	4	Calculus and Analytic Geometry II	MAT H 222	4
Calculus 3 804-XXX	4	Calculus and Analytic Geometry III	MAT H 223	4
Social Science, Humanities, and Fine Arts		Social Science, Humanities, and Fine Arts		
		Introduction to Philosophy	PHIL 101	3
Intro to Ethics: Theory & Applications 809-166	3	Introduction to Ethics	PHIL 206	3

Introduction to Psychology 809-198	3	Introduction to Psychology	PSYC 101	3
Developmental Psychology 809-XXX	3	Introduction to Human Development	PSYC 201	3
Economics 809-195	3	The American Economy	ECON 101	3
Microeconomics 809-XXX	3	Microeconomics	ECON 120	3
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Marriage and Family 809-XXX	3	Marriage and Family	SOCA 207**	3
Art History 304-118	3	Art Appreciation	ART 100**	3
American National Government 809- 122	3	American Politics	POLS 100**	3
		Survey of World Art	ART 125**	3
		Philosophy of Religion	PHIL 205**	3
Effective Communication (6)		Effective Communication (6)		
Course Title	Credits	Course Title	Credits	
English Composition 1 801-136	3	Composition & Reading	ENGL 101	3
English Composition 2 801-XXX	3	Advanced Composition	ENGL 201	3
Creative Writing 801-XXX	3	Intro Creative Writing	ENGL 106	3
Speech 801-198	3	Public Speaking	SPCH 105	3
Intercultural Knowledge and Competence (3)		Intercultural Knowledge and Competence (3)		
Course Title	Credits	Course Title	Credits	
Spanish I 802-XXX	4	Intro Spanish I	SPAN 103	4
Spanish II 802-XXX	4	Intro Spanish II	SPAN 104	4

Spanish III 802-XXX	4	Intermediate Spanish I	SPAN 203	4
Spanish IV 802-XXX	4	Intermediate Spanish II	SPAN 204	4
Spanish III 802-XXX	4	Intermediate Spanish I	SPAN 203	4
Spanish IV 802-XXX	4	Intermediate Spanish II	SPAN 204	4
Introduction to Diversity Studies 809-172	3	Ethnic Studies Req		3
		Survey of World Art	ART 125**	3
		Philosophy of Religion	PHIL 205**	3
		Contemporary French Culture & Civilization	MOD L 218	3
Individual, Social and Environmental Responsibility (6)		Individual, Social and Environmental Responsibility (6)		
Course Title	Credits	Course Title		Credits
Principles of Sustainability 806-XXX	4	Introduction to Environmental Studies	ENVS 101	4
Introduction to Sociology 809-196	3	Introduction to Sociology	SOCA 101**	3
Marriage and Family 809-XXX	3	Marriage and Family	SOCA 207**	3
Electives (14-19 credits)				
Course Title	Credits	Course Title		Credits
Gateway to Success 890-155	1	Freshman Seminar	UWP 111	1
Accounting Principles 101-114	3	Financial Accounting	ACCT 201	3
Art History 304-118	3	Art Appreciation	ART 100**	3
Illustration Media Concepts 204-125	3	Intro to 2 Dimensional Design	ART 102	3
Business Law 102-160	3	Legal Environment of Business	BUS 272	3
Intro to Criminal Justice 504-900	3	Introduction to Criminal Justice	CRMJ 101	3
Juvenile Law 504-904	3	Juvenile Delinquency/Juvenile Justice	CRMJ 234	3
Constitutional Law 504-901	3	Criminal Procedure	CRMJ 316	3
Java Programming 2 152-174	3	Computer Science I	CSCI 241	3
DC/AC II 605-114	3	Electrical Circuits I	PENG 214	3

American National Government 809-122	3	American Politics	POLS 100**	3
Civil Law 504-119	3	Constitutional Law: Civil Liberties	POLS 310	3
		Lifetime Wellness	HLTH 270	3
		Relaxation	PE 120	1
		Walking	PE 141	1
		Fitness for Life	PE 170	1
Total Credits		Total Credits		
*The Associate of Science degree is primarily intended to provide a basic liberal arts background with an enhanced focus on knowledge of the physical and natural world and quantitative literacy. It is designed to provide the foundational courses in preparation for a bachelor's degree with highly structured major requirements (e.g., art, engineering, business, and the sciences including biology, chemistry, and pre-professional programs). Credits are focused toward and include additional coursework in the area of the Natural World (this learning area typically includes coursework in biology, chemistry, geology, physics, and mathematics).				
**Some courses appear in more than one learning goal category. Note that an individual course cannot be used to fulfill the requirements of two different learning goals.		**Some courses appear in more than one learning goal category. Note that an individual course cannot be used to fulfill the requirements of two different learning goals.		
***The Critical and Creative Thinking Skills learning objective includes inquiry, problem solving, and qualitative and quantitative reasoning proficiencies, and may be typically included as learning goals in different disciplines throughout the university curriculum. To meet this learning objective, students seeking the AS degree should select 6 additional credits from the Human Cultures and Knowledge of the Natural World category. Note that an individual course cannot be used to fulfill the requirements of two different learning goals.		***The Critical and Creative Thinking Skills learning objective includes inquiry, problem solving, and qualitative and quantitative reasoning proficiencies, and may be typically included as learning goals in different disciplines throughout the university curriculum. To meet this learning objective, students seeking the AS degree should select 6 additional credits from the Human Cultures and Knowledge of the Natural World category. Note that an individual course cannot be used to fulfill the requirements of two different learning goals.		

7. Provide Information on the Program Assessment Process:

The Associate of Arts and Associate of Science Liberal Studies partnership between GTC and UW-Parkside will use both quantitative and qualitative data when assessing student learning and overall program viability. The partners will address the program and course learning outcomes in their

cooperative development of the assessment plan. This assessment plan will likely build on existing general education assessment that each institution conducts.

Direct measures and indirect measures of student success will be used as assessment measures. Direct measures will include analysis of the program outcomes and will follow current assessment plan development and data practices at GTC. Indirect measures of student learning could be gathered from graduate surveys, alumni surveys, or focus group discussions.

Program vitality would be assessed using direct and indirect measures. These outcomes may describe goals for the program, such as graduation rates, persistence factors, and transfer rates. Other methods that would provide useful feedback for improving processes that support the learning and provide an overall picture of success would include course evaluations and course grades.

The cooperative development of program learning outcomes and assessment plans for the AS program will include faculty and dean representation from GTC and UW-Parkside. The Director of Career Pathways and Program Effectiveness at GTC, Jaime Spaciell, will facilitate the development process. All program assessments would meet accreditation requirements.

8. Provide Information on Transfer Possibilities to a Bachelor's Degree. Identify the Bachelor's Degree(s) for Possible Transfer:

Upon matriculation with an Associate of Science degree at GTC, students will be guaranteed admission to UW-Parkside as a transfer student, given that students meet the requirements documented in the 'Guaranteed Transfer Declaration of Intent' document presented as part of this cooperative agreement. Students would enter the transfer receiving institution with junior standing.

9. Provide Information on Opportunities for Collaboration with Other UW Universities:

GTC's Associate of Science (AS) program course array includes courses from the WTCS systemwide general education course list as well as courses included in the Universal Credit Transfer Agreement (UCTA) that have been identified for their transferability between WTCS colleges and UW System universities. The AS program is comprised of 60 credits and has been constructed according to the standards for associate degrees as stipulated in UW SYS 115 Standards for Associate Degrees as well as the approval requirements found in SYS 110: Criteria for Approval of Wisconsin Technical College System Collegiate Transfer Programs. The degree consists of 39 to 41 credits of general education, and 19-21 credits of electives. Should GTC collaborate with other UW universities in the future, students who matriculate from GTC with an AS degree will be prepared to pursue a bachelor's degree at universities within the UW System.

10. Provide the Desired Implementation Term and Year: Summer 2022/Fall 2022 (depending on the timing of the HLC accreditation approval)

11. State whether Higher Learning Commission Approval will be Needed:

HLC approval will not be needed for UW-Parkside; GTC will be pursuing HLC approval for the ability to offer the Associate of Science in Liberal Arts degree.