Campus Master Plan Update and Student Success Project Feasibility Study

Master Plan Space and Site Analysis and Framework Plan February 12, 2014



PAULIEN & ASSOCIATES, INC. | Workshop Architects |



SMITHGROUP JJR

YOUR MASTER PLANNING TEAM.



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What We Heard Guiding Principles 3 4 Space Needs Analysis Framework Plan Next Steps

Student Success Update

Campus Site Analysis

SCHEDULE.

winter break

	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
DISCOVERY		*												
SPATIAL ANALYSIS		★	★			★								
STUDENT SUCCESS FEASIBILITY STUDY		*	*			*								
MASTER PLAN UPDATE			*			\star	*	\star						
5 DOCUMENTATION														

summer break





What We Heard



MASTER PLAN STEERING COMMITTEE.

The campus master plan should:

- Plan for **who we are**:
 - Plan for who we are, not our original intent.
 - Conduct **data-driven** analysis.
 - Provide programs and facilities for our student population.
- Prioritize the **physical sciences**, particularly teaching labs.
- Determine intent for the **campus landscape** and strike a balance among outdoor uses





ACADEMICS.

Summary:

- **Strong programs** in health sciences, pre-med, business, geosciences, health exercise/sports, and theater, plus **partnerships** in nursing and pharmacy.
- Emerging programs, institutes (IPED, community/business partnerships)
- Poor quality of science classrooms, lab facilities need updating.
- Campus IT infrastructure needs improvement.
- Tallent Hall location is too remote for regular academic use.

- Build on Parkside's academic strengths for new and existing programs.
- Focus programs and facilities on existing **student demographics and needs**.
- Improve quality and functionality of classrooms and labs.
- Provide **flexible** academic facilities with **integrated technology** in both new and renovated space.



STUDENT AFFAIRS.

Summary:

- Student Health and Counseling location is inconvenient.
- Academic/student support services lack appropriate facilities, access, visibility.
- Students need **more amenities, food** on south end of campus.
- Main Place is underutilized, lacks a clear, defined purpose.
- Student organizations, intramurals have **low participation rates**.
- There is a **social split** between commuters and residents.
- UWP a safe campus, there is a low rate of safety concerns.

- Improve access and facilities for student academic services.
- Clarify the role of Main Place,
- **Evaluate more food, amenities** to Main Place and the Rita.
- Provide services and amenities for resident <u>and</u> commuter students.



RESIDENTIAL LIFE.

Summary:

- 1,030 beds on campus. Residential occupancy consistent at 85%.
- Upper limit of 1,500 beds on campus, **depends on future enrollment**.
- Financing for new residential construction not available until 2022.
- University Apartments is being renovated but still lack elevators.
- University Apartments may need **future replacement** in 15-20 years.
- The residential quad is **underutilized**.

- Improve residential facilities to **attract students**.
- Provide for the future **replacement of University Apartments**.
- Improve and redesign the residential quad.



ATHLETICS AND RECREATION.

Summary:

- The S.A.C. needs improvement (HVAC, locker rooms, food, booster suites, and student hangout space).
- Club sports an important tool in student recruitment and retention.
- **Disc golf** is very popular for students and the public.
- Future programs planned for **lacrosse, swimming, women's golf, triathlon**.
- New programs will use **existing facilities** overuse of Outdoor Track Field?
- Low event attendance, **lack of visitor / spectator amenities** on game days.

- Prepare a **realistic plan** for outdoor facilities and new programs.
- Provide facilities that will improve the **Game Day experience**.
- Consider **future synthetic turf field(s)**, lights, concessions, spectator stands.
- Evaluate moving **Health, Exercise Science and Sport Management** out of S.A.C. and into the academic complex.



OPEN SPACE.

Summary:

- The campus landscape consists of old growth forest, woods, floodplain, wetland, restored prairie, and manicured landscape that vary in quality.
- Campus open space is used for a variety of purposes academic and outdoor lab, study, recreation, habitat restoration, storm water management.
- Intrusion of roads and disc golf erodes the quality of woods and prairie areas.

- **Provide clear guidance** on the function and aesthetics of campus natural features and the landscape.
- Provide high quality natural areas for outdoor study near the campus core.
- Minimize impact from disc golf on outdoor study and natural areas.
- Maintain the forest connection between Greenquist Woods and Pike River.
- Assess the potential for prairie restoration on the northeast campus.
- Activate outdoor campus quads and connect to internal circulation, spaces.



CIRCULATION & PARKING.

Summary:

- Student Center and Rita lots > 90% utilization.
- SAC West, SAC South and Tallent Lot < 60% utilization.
- **Conflict** between commuter, visitor, resident and event/community parking.
- Existing bus drop-offs at Student Center, Tallent Hall need re-design.
- Parking fees can't cover maintenance costs. Parking fees also fund shuttles.
- Generally accessible campus, ADA parking too remote from center.
- Low bike commuting, need better bike storage.

- Address **distribution and location** of commuter, visitor, & resident parking.
- Improve campus **visitor parking** and convenience of **ADA parking**.
- Improve campus bus drop-offs and locations relative to parking, facilities.
- Maximize connections / efficiency of **campus & regional transit service**.
- Evaluate options for future use of **South University Drive**.



INTERNAL CIRCULATION.

Summary:

- Compact campus and **internal concourse** work for campus climate.
- Multi-level campus layout makes wayfinding difficult.
- Level nomenclature is confusing (D2, D1, L1, L2, L3).
- Great visibility to outdoors from Concourse.
- Lack of direct access to outdoors from Concourse.

- Improve internal wayfinding and circulation.
- **Improve connections** between L1, D1, and outdoor circulation, spaces.



UTILITIES AND SUSTAINABILITY.

Summary:

- Campus utilities have **adequate capacity for growth**, but some distribution and pressure concerns.
- Facility MEP systems are 50 years old, likely to need replacement in next 20 years.
- Campus IT/data infrastructure capacity and distribution is not adequate.
- Field House not air conditioned.
- Campus storm water management concerns.

- **Coordinate** recommendations with infrastructure capacity, upgrades.
- Connect buildings to **central utilities** where appropriate
- Consider **alternative energy strategies** for campus.
- Develop **innovative storm water strategies** that exceed minimum standards and address flood risk mitigation.
- Use campus to demonstrate regionally appropriate sustainable technologies.



CAMPUS CHARACTER.

Summary:

- An academic complex surrounded by nature a "Machine in the Garden" was the original campus design intent.
- Strong, well-integrated and **cohesive architectural expression**.
- 'Mega-building' form can be difficult for wayfinding, functional identity.
- Visual character of campus edges varies, athletics district lacks presence.
- 1970's "Mall-like" image needs updating.

- **Preserve the image** of an academic complex surrounded by nature.
- Update the campus and facilities to function for 21st century students.
- Enhance campus edges and entrances to convey the campus experience.
- Create a stronger sense of place in outdoor spaces and quads.





Guiding Principles



UW-PARKSIDE STRATEGIC PLAN.

6 Strategic Directions:

- Student Success
- Optimal Enrollment
- Academic Rigor
- Inclusivity and Diversity
- Campus Culture
- Community Engagement



ACADEMIC PLAN GOALS.

Student Profile:

- Increase retention and graduation rates
- Produce equitable outcomes
- Improve ability to serve non-traditional students

Academic Programs:

- Promote lifelong learning
- Improve ICT proficiency
- Increase diversity and ${\bullet}$ inclusivity
- Internationalize programs
- New, more relevant, ${\color{black}\bullet}$ masters' level, and futureforward programs
- Strengthen the campus intellectual community

Pedagogy:

- High impact, experiential learning environments
- activity
- More flexibility
- - Variety of physical learning environments

More research and creative

More innovation

Continuous assessment

1. Make UW-Parkside a Future-Forward Campus



- Visible
- Active
- Engaging
- Innovative
- Flexible
- Efficient

2. Provide a Variety of Learning Environments

Experiential

High Impact

Indoor/Outdoor

International

Partnerships









3. Make Campus Inclusive and Student-Focused

Student Success

Accessible

Inclusive

Convenient

Clear, Legible

Safe



4. Improve Facility Function and Efficiency

Renovate

• Update and improve space to modern standards

Re-purpose

• Consolidate and/or convert space to increase utilization

Replace

• Where necessary, replace existing with new space to accommodate new methodologies, technology, and equipment



5. Keep Campus Sustainable

Academically Sustainable

- Academic rigor, enrollment goals
- Financially Sustainable
- Fiscally responsible, realistic and implementable
- Community & Socially Sustainable
- Community relevance, student-centered
- Environmentally Sustainable
- Conservation and wise use of land, facilities, resources





CONTENTS.



- Use
- Utilization

Science Framework Future Assumptions Space Needs Analysis

CLASSROOM USE BY DAY AND TIME.

- Highest use from 10:00 to 12:00 Tuesday & Thursday
- No use at 12:00 Monday, Wednesday & Friday

Scheduled Classroom Use by Day and Time

(Fall 2013)

(Darker colors indicate a large percentage of rooms are scheduled.)

Time	Mon	day	Tues	day	Wedne	esday	Thurs	sday	Frid	lay	Satur	rday	Sund	day	Aver	age
of Day	Rooms in Use	% In Use														
7:00 AM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
8:00 AM	16	27%	16	27%	15	25%	14	23%	14	23%	0	0%	0	0%	15	25%
9:00 AM	32	53%	39	65%	31	52%	37	62%	26	43%	0	0%	0	0%	33	55%
10:00 AM	32	53%	46	77%	30	50%	42	70%	27	45%	0	0%	0	0%	35	59%
11:00 AM	42	70%	48	80%	39	65%	46	77%	34	57%	0	0%	0	0%	42	70%
12:00 PM	0	0%	40	67%	0	0%	40	67%	0	0%	0	0%	0	0%	16	27%
1:00 PM	28	47%	42	70%	26	43%	40	67%	20	33%	0	0%	0	0%	31	52%
2:00 PM	47	78%	40	67%	44	73%	36	60%	13	22%	0	0%	0	0%	36	60%
3:00 PM	44	73%	40	67%	42	70%	39	65%	3	5%	0	0%	0	0%	34	56%
4:00 PM	20	33%	18	30%	21	35%	18	30%	2	3%	0	0%	0	0%	16	26%
5:00 PM	8	13%	16	27%	10	17%	14	23%	2	3%	0	0%	0	0%	10	17%
6:00 PM	29	48%	34	57%	30	50%	19	32%	1	2%	0	0%	0	0%	23	38%
7:00 PM	27	45%	28	47%	27	45%	12	20%	0	0%	0	0%	0	0%	19	31%
8:00 PM	21	35%	21	35%	22	37%	8	13%	0	0%	0	0%	0	0%	14	24%
9:00 PM	2	3%	2	3%	1	2%	1	2%	0	0%	0	0%	0	0%	1	2%
10:00 PM	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

Total classrooms = 60



CLASSROOM USE BY DAY AND TIME.





UTILIZATION METRICS.

- Utilization is calculated for Classrooms and Teaching Laboratories using for credit courses only.
- Weekly Room Hours (WRH)
- Student Station Occupancy (SSO)
- Square Feet per Station
- Weekly Seat Hours
- Weekly Student Contact Hours (WSCH)

Classroom Utilization Analysis by Building Summary

Building Name and Id		No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Rgnl Cntr for Arts and Huma	nities RITA	10	1,061	20	26	13.3	27	50%
Greenquist Hall	GRNQ	8	1,139	16	39	11.9	20	63%
Molinaro Hall	MOLN	36	927	20	29	15.6	24	63%
Sports & Activity Center	SAC	3	770	17	30	15.3	24	65%
Tallent Hall	TLNT	3	1,000	21	30	4.7	8	76%
Total No. of Rooms = 60	AV	ERAGE	973	19	30	14.0	23	61%
UV	t: 25			35	67%			
		P	roposed	d: 25			40	67%

Classroom Utilization Analysis by Building Summary

Building Name and Id		No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
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Total No. of Rooms = 60	AV	ERAGE	973	19	30	14.0	23	61%
		UW S	ystem C	Goals Co Proj	urrent: oosed:	23.5 26.8		

Classroom Utilization Analysis by Capacity Summary

Classroom Capacity Grouping	No. of Rooms	No. of Seats	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
20 and Under	2	26	489	45	8	8.9	6	100%
21 - 25	4	99	418	17	17	10.4	14	77%
26 - 30	8	234	555	19	19	13.3	19	68%
31 - 35	1	32	447	14	19	11.9	20	61%
36 - 40	11	430	802	21	24	16.2	26	62%
41 - 45	5	221	699	16	31	15.8	23	69%
46 - 50	12	594	922	19	29	14.5	25	57%
51 - 60	5	290	1,097	19	35	20.8	33	62%
61 - 75	3	214	1,715	24	44	16.2	27	61%
76 - 100	5	431	1,348	16	35	10.0	23	45%
101 - 150	2	206	2,255	22	65	17.5	28	63%
151 - 250	2	389	2,804	14	71	7.6	22	35%
Total No. of Rooms = 60	AV	ERAGE	973	19	30	14.0	23	61%

• Nine classrooms over 75 seats could probably be reduced

Weekly Room Hours by Capacity:



Student Station Occupancy by Capacity: 100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0% 15,00 6. 6. 10,10 52.250 AT. AS 69 2 and Under 6 5°. S. Se 2

Weekly Seat Hours by Capacity:



Weekly Room Hours by Capacity:



Student Station Occupancy by Capacity:

Weekly Seat Hours by Capacity:





TEACHING LABORATORY UTILIZATION.

Teaching Laboratory Utilization Analysis by Building Summary

Building Name and Id		No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Rgnl Cntr for Arts and Humanit	es <i>RITA</i>	13	1,188	45	15	5.5	10	68%
Greenquist Hall	GRNQ	26	989	46	14	7.5	10	73%
Molinaro Hall	MOLN	15	1,209	48	12	8.0	11	59%
Sports & Activity Center	SAC	2	3,147	70	18	3.4	9	40%
Wylie Hall	WYLL	4	1,173	60	11	11.3	15	65%
Total No. of Rooms = 60	AV	ERAGE	1,171	48	13	7.1	10	67%
			UW	/ Syster	n Goals P	Curre ropose	nt: 24 ed: 32	80% 80%

TEACHING LABORATORY UTILIZATION.

Teaching Laboratory Utilization Analysis by Building Summary

Building Name and Id		No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Rgnl Cntr for Arts and Human	ities RITA	13	1,188	45	15	5.5	10	68%
Greenquist Hall	GRNQ	26	989	46	14	7.5	10	73%
Molinaro Hall	MOLN	15	1,209	48	12	8.0	11	59%
Sports & Activity Center	SAC	2	3,147	70	18	3.4	9	40%
Wylie Hall	WYLL	4	1,173	60	11	11.3	15	65%
Total No. of Rooms = 60	AV	ERAGE	1,171	48	13	7.1	10	67%
		UW S	ystem (Goals C	urrent:	19.2		

Proposed: 25.6

CNHS FRAMEWORK PLANNING.

- Not a pre-design analysis
- Team information for physical/scenario planning purposes
- Two work sessions with CNHS programs
- Reduced total teaching laboratories for contemporary lab spaces
 - increased support space
 - increased utilization outcomes
- Includes research space for faculty and undergraduate capstone experiences

Summary by Unit | New Building

UNIT	Existing Space	Target Enrollment Need	Difference (Target - Existing)	Current Location
1 • Classrooms	0	12,216	12,216	N/A
2 • Misc. Instructional/Support Spaces	0	5,793	5,793	N/A
3 • Biological Sciences	25,120	22,918	(2,202)	Greenquist Hall
4 • Chemistry	15,183	13,057	(2,126)	Greenquist Hall
5 • Environmental Studies	0	3,344	3,344	Greenquist Hall
6 • Geosciences	5,978	4,714	(1,264)	Greenquist Hall
7 • Mathematics and Physics	6,116	6,641	525	Greenquist Hall
8 • Physics (combined with Mathematics)	0	0	0	Greenquist Hall
9 • Applied Health Sciences	498	330	(168)	Greenquist Hall
10 • Psychology	3,450	3,540	90	Molinaro Hall
11 • (M.S. Applied Molecular Biology)	0	0	0	Greenquist Hall
12 • College of Natural and Health Sciences – Dean's Office	4,281	3,915	(366)	Greenquist Hall
TOTAL NET USABLE SQUARE FEET	60,626	76,468	15,842	
13 • Nursing	4,318	2,752	(1,566)	Tallent Hall

Summary by Unit | Addition or Remodel

UNIT	Existing Space	Target Enrollment Need	Difference (Target - Existing)	Current Location
1 • Classrooms	0	0	0	N/A
2 • Misc. Instructional/Support Spaces	0	4,000	4,000	N/A
3 • Biological Sciences	25,120	22,918	(2,202)	Greenquist Hall
4 • Chemistry	15,183	13,057	(2,126)	Greenquist Hall
5 • Environmental Studies	0	3,344	3,344	Greenquist Hall
6 • Geosciences	5,978	4,714	(1,264)	Greenquist Hall
7 • Mathematics and Physics	6,116	6,641	525	Greenquist Hall
8 • Physics (combined with Mathematics)	0	0	0	Greenquist Hall
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10 • Psychology	3,450	3,540	90	Molinaro Hall
11 • (M.S. Applied Molecular Biology)	0	0	0	Greenquist Hall
12 • College of Natural and Health Sciences – Dean's Office	4,281	3,915	(366)	Greenquist Hall
TOTAL NET USABLE SQUARE FEET	60,626	62,459	1,833	
13 • Nursing	4,318	2,752	(1,566)	Tallent Hall

PLAN HORIZON PROJECTIONS.

- On-Campus growth of 17
 % student headcount and FTE
- On-Line enrollment to 1,200 student headcount

		Unduplicate	d Headcount	
Student Enrollment	Existing (Fall 2013)	Plan Horizon (2023)	Plan Horizon (2033)	2033 Percent Increase (from existing)
On-campus	4,592	5,119	5,362	17%
Off-campus	0	0	0	
On-line	25	500	1,200	
Total Student Headcount:	4,617	5,619	6,562	

	Full Time Equivalent (FTE)					
Student Enrollment	Existing (Fall 2013)	Plan Horizon (2023)	Plan Horizon (2033)	2033 Percent Increase (from existing)		
On-campus	3,682	4,092	4,308	17%		
Off-campus	0	0	0			
On-line	13	270	648			
Total Student FTE:	3,695	4,362	4,956			

Note: Plan Horizon projections provided by UW - Parkside. 2023 plan horizon is 11% increase over existing.

Student Enrollment Projections

PLAN HORIZON PROJECTIONS.

- 20/1 student/faculty ratio at plan horizon
- Assumes on-line faculty housed on campus

Faculty and Staff Projections

	Unduplicated Headcount						
Employee Type	Existing (Fall 2013)	Plan Horizon (2023)	Plan Horizon (2033)	2033 Percent Increase (from existing)			
Faculty Full Time On-campus	176	182	191				
Faculty Part Time On-campus	68	76	80				
Faculty On-line (housed on campus)	0	27	65				
Faculty Total	244	284	336	38%			
Staff Total	446	470	504	13%			
Total Faculty & Staff FTE:	690	754	840				

	Full-time Equivalent (FTE)						
Employee Type	Existing (Fall 2013)	Plan Horizon (2023)	Plan Horizon (2033)	2033 Percent Increase (from existing)			
Faculty Full Time On-campus	176.00	181.62	191.20				
Faculty Part Time On-campus	20.68	22.98	24.20				
Faculty On-line (housed on campus)	0.00	13.50	32.40				
Faculty Total	196.68	218.10	247.80	26%			
Staff Total	306.49	323.18	346.32	13%			
Total Faculty & Staff FTE:	503.17	541.28	594.12				

Note: Student/Faculty ratio (FTE) at the two plan horizons assumed to be 20/1.

On-line faculty headcount to FTE assumed to be 2/1.

HOW DO WE APPLY GUIDELINES?

- First we apply the University of Wisconsin System Goals
- Then we use other sources:
 - Associations:
 - Western Interstate Commission on Higher Education (WICHE),
 - Council of Educational Facility Planners International (CEFPI),
 - National Intramural-Recreational Sports Association (NIRSA),
 - Bareither and Schillinger
 - Coordinating & Governing Boards, Commissions:
 - Colorado Commission on Higher Education (CCHE)
 - Pennsylvania State System of Higher Education (PASSHE)
 - South Carolina Commission on Higher Education (SCCHE)
 - Wyoming Community College Commission
 - HigherEdUtah
 - University Systems:
 - City University of New York (CUNY)
 - Kentucky Council on Postsecondary Education (KCPE)
 - Minnesota State Colleges and Universities (MNSCU)
- Best practices from over thirty years of planning studies and over 600 campuses.







- SNA by space category
 - Academic Space
 - Academic Support Space
 - Other Space
- Base Year 2012
- Plan Horizon 2033

Space Needs Analysis

		2012			2033	
Space Category	BY Exist ing ASF	BY Guideline ASF	Surplus/ (Deficit)	TY Exist ing ASF	TY Guideline ASF	Surplus/ (Deficit)
Academic Space						1
Classroom & Service	59,533	45,993	13,540	59,533	53,007	6,526
Teaching Laboratories	84,536	35,897	48,639	84,536	40,920	43,616
Open Laboratories	11,474	9,538	1,936	11,474	10,725	749
Research Laboratories	13,365	13,235	130	13,365	13,235	130
Academic Offices	55,110	52,740	2,370	55,110	64,710	(9,600)
PE/Rec & Athletics	119,351	119,351	0_	119,351	131,651	<u>(12,300)</u>
Other Acad. Space	20,286	16,548	3,738	20,286	19,385	901
Academic Space Total	363,655	293,302	70,353	363,655	333,633	30,022
Academic Support Space					1	
Admin. Offices & Service	46,465	36,935	9,530	46,465	38,695	7,770
	78,089	66,877	11,212	78,089	74,337	3,752
Assembly & Exhibit	51,368	27,451	23,917	51,368	27,451	23,917
Student Center	74,895	71,535	3,360	74,895	80,431	(5,536)
Health Care Facilities	1,921	1,839	82	1,921	2,154	(233)
Physical Plant	54,648	51,649	2,999	54,648	51,649	2,999
Other Admin. Space	26,714	23,845	2,869	26,714	26,810	(96)
Academic Support Space Total	334,100	280,131	53,969	334,100	301,527	32,573
Other Space						
Child Care_Center	5,234			5,234	I	
Space Available for Reuse	8,334			8,334		
Outside Organizations	4,318			4,318		
Other Space Total	17,886			17,886		
CAMPUS TOTAL	715,641	573,433	124,322	715,641	635,160	62,595

ASF = Assignable Square Feet

Guideline Application

- Classrooms
 - Existing System Goals
- Teaching Laboratories
 - Existing System Goals

Space Needs Analysis

	2012					
Space Category	BY Exist ing ASF	BY Guideline ASF	Surplus/ (Deficit)	TY Exist ing ASF	TY Guideline ASF	Surplus/ (Deficit)
Academic Space			I			
Classroom & Service	<u>59,533</u>	45,993	13,540	59,533	<u>53,007</u>	6 <u>,5</u> 26
Teaching Laboratories	84,536	35,897	48,639	84,536	40,920	43,616
Open Laboratories	11,474	9,538	1,936	11,474	10,725	749
Research Laboratories	13,365	13,235	130	13,365	13,235	130
Academic Offices	55,110	52,740	2,370	55,110	64,710	(9,600)
PE/Rec & Athletics	119,351	119,351	0	119,351	131,651	(12,300)
Other Acad. Space	20,286	16,548	3,738	20,286	19,385	901
Academic Space Total	363,655	293,302	70,353	363,655	333,633	30,022

	-	2012			2033	
SPACE CATEGORY	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)
UW System guideline of 35 hours cla	ssroom and 24	hours labor	atory			
Classroom & Service	59,533	45,993	13,540	59,533	53,007	6,526
Teaching Laboratories & Service	84,536	35,897	48,639	84,536	40,920	43,616
UW System guideline of 40 hours cla	ssroom and 32	hours labor	atory			
Classroom & Service	59,533	40,249	19,284	59,533	46,382	13,151
Teaching Laboratories & Service	84,536	26,919	57,617	84,536	30,688	53,848

Classrooms

- 6,600 ASF difference between two guidelines at Plan Horizon

• Laboratories

- 10,200 ASF difference between two guidelines at Plan Horizon

Academic Space

- **Open Laboratories**
 - Music practice rooms
 - Wyllie open computer labs
 - Language lab/CADD studio
- Research Laboratories
 - **CNHS** Framework Plan outcome
- Academic Offices
 - Surplus in base year
 - Deficit with increase in faculty . ____ & staff at Plan Horizon

Space Needs Analysis

		2012			2033	
Space Category	BY Exist ing ASF	BY Guideline ASF	Surplus/ (Deficit)	TY Exist ing ASF	TY Guideline ASF	Surplus/ (Deficit)
Academic Space		1	I			
Classroom & Service	<u> </u>	45,993	13,540	<u>59,53</u> 3	<u>53,007</u>	6 <u>,5</u> 26
Teaching Laboratories	84,536	35,897	48,639	84,536	40,920	43,616
Open Laboratories	11,474	9,538	1,936	11,474	10,725	749
Research Laboratories	13,365	13,235	130	13,365	13,235	130
Academic Offices	55,110	52,740	2,370	55,110	64,710	(9,600)
PE/Rec & Athletics	119,351	119,351	0	119,351	131,651	(12,300)
Other Acad. Space	20,286	16,548	3,738	20,286	19,385	901
Academic Space Total	363,655	293,302	70,353	363,655	333,633	30,022

- PE/Rec/Athletics
 - Locker/training rooms _
 - Offices
 - Baseball/Golf cages _____
 - Storage

- - Animal

 - storage

Other Academic Space

quarters/greenhouse/chemical

Tutoring/Teaching & Learning Center

Academic Support Space

- Administrative Offices
 - Surplus at Base and Plan Horizon
- Library
 - Guideline ASF per SSFPS
- Assembly & Exhibit
 - RITA performance spaces, Main place, other space
- Student Center
 - Includes residence life dining, food venues
 - Slight deficit at Plan Horizon

Space Needs Analysis

		2012			2033	
Space Category	BY Exist ing ASF	BY Guideline ASF	Surplus/ (Deficit)	TY Exist ing ASF	TY Guideline ASF	Surplus/ (Deficit)
Academic Support Space						
Admin. Offices & Service	46,465	36,935	9,530	46,465	38,695	7,770
Library	78,089	66,877	11,212	78,089	74,337	3,752
Assembly & Exhibit	51,368	27,451	23,917	51,368	27,451	23,917
Student Center	74,895	71,535	3,360	74,895	80,431	(5,536)
Health Care Facilities	1,921	1,839	82	1,921	2,154	(233)
Physical Plant	54,648	51,649	2,999	54,648	51,649	2,999
Other Admin. Space	26,714	23,845	2,869	26,714	26,810	(96)
Academic Support Space Total	334,100	280,131	53,969	334,100	301,527	32,573

- Health Care Relative balance
- Physical Plant
 - Relative balance

Other Administrative Space - Technology/storage/ telecommunication Relative balance

Other Space

- Child Care/Space
 Available for Reuse
 - Space available for reallocation to other program uses
- Outside Organizations
 - Nursing space

Space Needs Analysis

		2012			2033	
Space Category	BY Existing ASF	BY Guideline ASF	Surplus/ (Deficit)	TY Exist ing ASF	TY Guideline ASF	Surplus/ (Deficit)
Other Space						
Child Care Center	5,234			5,234		
Space Available for Reuse	8,334			8,334		
Outside Organizations	4,318			4,318		
Other Space Total	17,886			17,886		

- Base year 2012 and Plan Horizon 2033
 - Total space surplus at Base Year & Plan Horizon
 - 124,300 ASF plus Child Care and Space Available for Reuse
 - 62,600 ASF plus Child Care and Space Available for Reuse
- Pure guideline application for Teaching Laboratories
 - Based on weekly student contact hours not individual programs
- Outcomes to be integrated into physical planning scenarios

Space Needs Analysis

		2012			2033	
Space Category	BY Exist ing ASF	BY Guideline ASF	Surplus/ (Deficit)	TY Exist ing ASF	TY Guideline ASF	Surplus/ (Deficit)
Academic Space					I	
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PE/Rec_& Athletics	<u> 119,35</u> 1	_119,351	0_	_119,351	1 <u>131,651</u>	(<u>12,300</u>)
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Academic Space Total	363,655	293,302	70,353	363,655	333,633	30,022
Academic Support Space					1	1
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	78,089	66,877	11,212	78,089	74,337	3,752
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Other Space					1	
Child Care Center	5,234			5,234	I	I
Space Available for Reuse	8,334			8,334		
Outside Organizations	4,318			4,318		
Other Space Total	17,886			17,886		
CAMPUS TOTAL	715,641	573,433	124,322	715,641	635,160	62,595

ASF = Assignable Square Feet

SPACE NEEDS SUMMARY.

- There is capacity to meet future enrollment target.
- Existing space is underutilized per current and proposed guidelines.
- Modest future space needs in Academic Offices, Rec & Athletics, and Student Center.
- There is opportunity to increase utilization through conversion, consolidation of space.
- Space Needs Analysis does not address educational adequacy or quality of space to meet modern teaching, science needs.

CONVERSION AND CONSOLIDATION.

- Example: Greenquist D362-364 Chemistry Lab Study
- Approach: Incrementally renovate in place

Existing: Two adjacent poor quality labs

Proposed Result: One modern, flexible science lab





FUTURE PROGRAM SPATIAL MODEL.





Focus on renovation, re-use, and/or replace • Potential parking demand with increase in enrollment and faculty/staff 15-20 year replacement of Univ. Apts. could increase beds



CAMPUS SITE ANALYSIS.

- Topography and Drainage
- Natural Landscape
- Open Space Regulations
- Edges and Gateways
- Original Development Pattern
- Building Condition
- Residential Facilities
- External/Internal Connection
- Vehicular Circulation and Parking
- Pedestrian, Bike, and Transit Circulation

TOPOGRAPHY AND DRAINAGE.



Campus sits on high point Water flows around academic complex to Pike River

Unbuildable slopes north of northern loop road

NATURAL LANDSCAPE.



Character dominated by open spaces Prairie quality and restoration age varies Old growth forests in west and north

OPEN SPACE REGULATIONS.



Significant County upland, lowland, and

stream

preservation

areas

Overlap with 1969 Master Plan valuable forested areas

EDGES AND GATEWAYS.



Multiple entrances, all far from buildings Wood Road entry – front door, important viewshed Poor campus edge in athletic and edge

parking areas

ORIGINAL DEVELOPMENT PATTERN.



Orthogonal layout centered on library • Satellite residential quads with dining, student services Greenquist Woods, Comm Arts Woods as enclosed quads

BUILDING CONDITION.



Young campus Functional buildings in good condition Concern with Univ Apts, Child Care, and Tallent

Expect MEP system upgrade/ replacement

RESIDENTIAL FACILITIES.



Integrated Postsecondary Education Data System, 2014

Less residential than other UW System schools and peers What is oncampus housing's role in student retention at **UW-Parkside**? Increase percentage capacity?

INTERNAL/EXTERNAL CONNECTION.



Limited access points between interior and exterior • Two major portals, expanding to three • Three major L1/D1 connections, expanding to four

VEHICULAR CIRCULATION AND PARKING.



Nearly all academics and residential within 10minute walk of Wyllie

Closest general parking lots occupied first Sufficient disabled, metered, and reserved

VEHICULAR CIRCULATION AND PARKING.



Very generous parking provision among peers Rural location, distant commuting Transition to greater use of transit?

PED, BIKE, TRANSIT CIRCULATION.





Most circulation via Concourse Few vehicle/ pedestrian conflicts Tallent, Health & Counseling outside 10minute walk Ranger Bus connects to regional transit, parking



Framework Plan



FRAMEWORK PLAN.



Sufficient land for permanent preservation, interim reservation, and growth areas Framework will be base of the alternatives





NEXT STEPS.

- Today: Campus Open House, 5-6pm
- February: Prepare alternatives, incorporate Student Success concept
- March 2014: Review alternatives with Master Plan Steering Committee and entire campus community
