CAMPUS PHYSICAL DEVELOPMENT PLAN

2011 – 13 Capital Budget

University of Wisconsin – Superior
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CHANCELLOR’S INTRODUCTION

The University of Wisconsin-Superior strives to be a nationally recognized public liberal arts institution where the learning community emphasizes individual attention and promotes intellectual growth, personal development, career preparation, professional studies, and life-long learning in an atmosphere of individual dignity with respect for the diversity of human cultures. To the end, UW-Superior continually engages its students and the larger community in global research and discourse, and exposes all to challenging ideas that forge new models of responsible citizenship. UW-Superior also will celebrate its regional climate and multi-ethnic heritage on a vibrant and beautiful campus.

UW-Superior is committed to continual improvement, an ongoing effort to improve our programs, services and process. Each year, the Continuous Improvement and Planning Team (CIPT) will prioritize an institutional action plan from the identified improvement goals and articulate achievable objectives. Initiatives will be accompanied with appropriate assessment and review criteria. In addition, utilizing shared governance and a variety of inputs, the CIPT will review the strategic themes and goals and make adjustments as internal and external environments necessitate.

As part of its continual improvement effort, the UW-Superior community has worked diligently with UW System and Division of State Facilities staff to articulate programmatic space issues, propose capital projects, and successfully advance those projects. This work has laid the groundwork for long-term strategic planning of space utilization across the campus.

With substantial fund-raising support from alumni and friends of the university, UW-Superior in recent years has successfully renovated Jim Dan Hill Library and built the new Yellowjacket Union student center. Swenson Hall, the biggest construction project in campus history, is scheduled to be completed in early 2011.

As the new buildings become available for use, obsolete buildings are being removed. Rothwell Student Center was dismantled and recycled in spring 2010 and will be replaced by a parking lot with environmentally friendly features. Sundquist Hall will be removed after Swenson Hall opens, and McCaskill Hall will be removed following renovation of the Barstow Hall science building.

This is an exciting time at UW-Superior, and we're proud of our role as Wisconsin's Leading Public Liberal Arts College!
EXECUTIVE SUMMARY

The University of Wisconsin-Superior is a vibrant and changing public liberal arts learning community. The University has served students for over one hundred years, providing intellectual growth and career preparation in an environment that values and respects the individual. Located in northwestern Wisconsin the University plays a vital role in providing educational and cultural opportunities for the primary geographic region of northern Wisconsin, northeast Minnesota, and the Upper Peninsula of Michigan that it serves.

Each campus department and unit has been asked to develop a strategic plan aligned with the following institutional strategic themes:

1. Academic Excellence – Develop a creative and dynamic learning environment within a liberal arts tradition that enables students to meet their individual goals while fostering life-long learning.
2. Culture of Respect – Create and foster an accepting community in which all staff and students feel safe, and diverse perspectives are valued.
3. Campus Life – Create an intellectual and cultural experience outside of the classroom that supports, complements, and enhances the in-class experience, reflective of the public liberal arts education.
4. Continuous Improvement – The University will improve its programs and services on a continual basis. All facets of operations will be regularly assessed and modified when appropriate.
5. Resource Management – Exercise responsible stewardship of all resources.
6. Enrollment Management – Utilize enrollment management principles to ensure a diverse student body while strengthening our academic standards.
7. University Image – Project a positive image of the University that promotes our unique qualities and enhances public relations, recruitment, and retention.

We also continually review and revise existing programs, which results in a broad array of quality offerings. Our Teacher Education, Biology and Business Administration programs are recognized by employers and the public for their excellence. Our History program is among the leaders in offering a global view of the world's past. Our Music program is known for producing quality teachers as well as professional musicians. Recent years have seen the Biology, Communicating Arts, History, Psychology, and Visual Arts majors increasing in excess of 25%. UW-Superior also is looking toward the future with new programs and new ideas. We are adding new majors in Sustainable Management, Criminal Justice, and Spanish to better equip our students for a changing world.

While the campus' physical development issues have significantly been addressed with a complete library renovation completed in 2009, a new student center completed in 2010, and Swenson Hall (new academic building) to be completed in Spring 2011, the following prioritized issues require near-term development:

- The quality and quantity of campus housing options is likely to negatively impact student recruitment and retention efforts and potentially negatively impact our Higher Learning Commission accreditation.
- As classrooms and other academic support functions are relocated from Old Main to Swenson Hall, Old Main can be reorganized to provide adjacencies and space for student service and institution-wide units to de-compress. Old Main mechanical, electrical, and HVAC systems have extensive deferred maintenance issues. Old Main lacks a central chilling system requiring window air conditioning units in all offices.
- There are selective deficiencies within the fine arts specialized learning spaces.
- The athletic program lacks appropriate outdoor space to provide and promote athletic, academic, and intramural programming.

The completion of Swenson Hall in 2011 will address a campus-wide lack of space to accommodate current activity, allowing a reconfiguration of existing spaces to address specialized learning space
deficiencies and support space inadequacies. The Swenson Hall project includes the demolition of Sundquist Hall, a faculty-office complex, and McCaskill Hall, which houses teacher education programs and a portion of the biology and earth sciences programs.

In the near term the campus is looking at four major projects. The campus is working on a pre-design project for renovation of the Ross and Hawkes Halls residence facilities. UW-Superior offers only a traditional residence hall option, i.e. bathroom down the hall. This project will provide the first alternative style housing options on campus. In the long term the campus expects to grow our residence population by approximately 300 beds that will require new housing construction. We are also concerned that the quality and quantity of our residence facilities may be an issue for the Higher Learning Commission when they conduct our next scheduled review in 2013.

The second project will be a renovation of Old Main, including mechanicals and reorganization of space. This project will

The third project will upgrade the campus' athletic fields. The campus' heavy clay soil conditions hamper field drainage and delay the thawing of winter ground frost causing the outdoor athletic fields to remain wet, soggy and unsuitable for spring semester use. In addition, the campus does not have a softball field which poses Title IX issues.

The fourth project will be a reorganization of the Holden Fine Arts building. There are a variety of specialized learning space issues that can only be addressed by moving the radio station out of HFA and reallocating space to the growing music, visual arts, and communicating arts programs.

Long term reorganization projects will be requested for facilities to accommodate the Lake Superior National Estuarine Research Reserve designation that will be named in October 2010. These will include visitor center/education, research, residence, and maintenance functions.

UW-Superior has proposed an educational attainment goal of an additional 1,700 degrees by 2025 in response to UW System's Growth Agenda for Wisconsin. In order to generate these additional degrees the campus is anticipating that enrollment will need to increase from the current 2,900 headcount to a 3,500 headcount. We believe that with the recent addition of a new student union, a renovated library, and the completion of the new academic building/Swenson Hall the campus will be able to handle this increased capacity with one exception. These additional 600 students will require additional science lab resources. The Barstow Science building is scheduled to undergo a renovation in 2011 to create multi-use labs for increased space efficiency. Until that renovation is complete and we can carefully analyze the lab utilization, the campus is unable to predict the exact nature of additional science lab needs. This science lab issue will be addressed in subsequent physical development plans.

As we compile the 2011-13 six-year physical development plan, the campus has not identified new, additional space needs. However, the campus will have an imbalance of space needs between classrooms, labs, office, and general use components until the total campus reorganization can be accomplished.
A. INSTITUTION PROFILE

<table>
<thead>
<tr>
<th>Academic Profile</th>
<th>Physical Profile</th>
<th>Student Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>37 Majors and Degrees</td>
<td>124 Acres (Main Campus)</td>
<td>2,317 Full Time Equivalent (FTE)</td>
</tr>
<tr>
<td>40 Minor Programs</td>
<td>547 Acres (Non-Contiguous)</td>
<td>2,794 Headcount</td>
</tr>
<tr>
<td>29 Concentration Areas</td>
<td>34 Buildings (Total)</td>
<td>1,306 Out-of-state</td>
</tr>
<tr>
<td>5 Certificate Programs</td>
<td>1,097,601 Gross Square Feet (Total)</td>
<td>1,488 In-state</td>
</tr>
<tr>
<td>475 Graduates (Annual Average)</td>
<td>1,649 Parking Spaces (Total)</td>
<td>735 Campus Housing Residents</td>
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BACKGROUND AND HISTORY

The University of Wisconsin-Superior was established in 1893, when Wisconsin legislators established a school in Superior to train teachers. In 1896, Superior Normal School welcomed its first students. Properly educated teachers trained in the latest classroom methods were desperately needed in the small towns and rural school districts of northern Wisconsin, Minnesota and Michigan.

Innovation and quality were hallmarks of Superior Normal School from its earliest days. In 1909 the institution became Wisconsin's first normal school to offer a full-scale training program for the then-new idea of kindergarten. It also was the first to offer a four-year program for high school teachers beginning in 1923. In 1916, Superior Normal School earned accreditation for its academic programs.

After training a generation of teachers, Superior Normal School was authorized in 1926 to grant a bachelor's degree in education. A new name, Superior State Teachers College, proclaimed the institution's new role.

More growth followed as the needs of northern Wisconsin changed. After World War II, the institution began to look beyond teacher training and added undergraduate degrees in other academic fields. In 1950 it offered its first graduate program -- a master's degree in school administration. The next year the Wisconsin State Colleges Board of Regents changed the institution's name to Wisconsin State College-Superior to better reflect its expanding role.
The college grew significantly in the 1950s and '60s. Campus boundaries were expanded and numerous buildings erected. Undergraduate offerings continued to expand into areas such as business, science, music and art. Several graduate programs in education were added, including guidance and counseling, reading, and school psychology. A specialist in education degree was added in 1965 to further the professional training of school principals, district superintendents and business managers. This program grew to play a critical role in Wisconsin's educational system. Since 1977, graduates of UW-Superior's educational administration programs have served in school leadership posts in approximately half of the Wisconsin's school districts.

Wisconsin's state colleges eventually were reclassified as universities, so in 1964 the school was renamed Wisconsin State University-Superior. Finally, in 1971 it became part of the University of Wisconsin System and acquired its present name.

In recent years, UW-Superior has continued to focus its academic programs to meet the needs of students and employers. A graduate degree in instruction was added in 1985 followed by a graduate degree in special education in 1988. The university also has added innovative undergraduate programs, such as legal studies, art therapy, and transportation and logistics management.

UW-Superior is a mix of historic and modern building architecture. The campus has two historic buildings dating back to the early 1900's: Old Main and Erlanson Hall. The majority of the buildings were built between 1952 and 1971. After 1971, the campus experienced virtually no new construction until 2003 when the Gates Health and Wellness Center addition was built. In 2007 a men's and women's locker room addition was completed at the Wessman Arena. In 2009 the newly renovated Jim Dan Hill Library opened as a light, bright, welcoming study environment. In January 2010 the campus unveiled the new Yellowjacket Union, another open, inviting space. In Spring 2011 Swenson Hall, the campus' new academic building will open, replacing a majority of classrooms and faculty offices on campus.

UW-Superior takes pride in its designation as Wisconsin's Leading Public Liberal Arts College, and in providing its 2,800 undergraduate and graduate students with quality academic programs, small classes and a friendly, supportive atmosphere. A solid liberal arts program offers the skills needed to perform on the job and in society. Quality professional training provides specific skills to succeed in teaching, business, science, the arts and in a host of other endeavors.

CHARACTER

UW-Superior is located in Superior, Wisconsin located at the western tip of Lake Superior in a community of 27,000 residents. Superior is part of the Superior-Duluth metro area with 240,000 people, including 15,000 college students. Lake Superior provides a beautiful backdrop for the city and ample opportunity for summer and winter recreation for the university community.
The student population of 2,800 students is comprised of 51% women and 49% men and represents 23 states and 35 countries. The institution primarily serves the northwestern 11 Wisconsin counties and the northeastern area of Minnesota. Approximately 30% of the students participate in the Minnesota reciprocity tuition program. Over 700 students reside in the residence halls with the remainder of the student population commuting from off-campus residences.

The campus is recognized for its personal attention and the ability for students to work one on one with their instructors. The average class size is 21 students. The average student to faculty ratio is 18 to 1. Nearly 90 percent of faculty members hold the highest degree available in their field.

UW-Superior holds the distinction of being designated "Wisconsin's Public Liberal Arts College" by the Board of Regents of the University of Wisconsin System and prides itself on providing our students with quality academic programs, small classes and a friendly, supportive atmosphere. A solid liberal arts program offers the skills needed to perform on the job and in society. Quality professional training provides specific skills to succeed in teaching, business, science, the arts and in a host of other endeavors. The university is also a member of the Council of Public Liberal Arts Colleges (COPLAC.)

UW-Superior maintains the longest continuous accreditation of any academic institution in Wisconsin by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools.

**MAIN CAMPUS PROPERTY**

The main campus of 124 acres is divided into north and south portions separated by five blocks of private residences (see campus map on page IB-1.) The north campus is bordered by established residential neighborhoods on the west and south sides, commercial area on Belknap Avenue, one of the city’s main thoroughfares on the north, and vacated railroad property to the east. The administrative, academic, physical education, undergraduate residence halls and student center are located on the northern portion of the campus.

The south campus consists of an ice arena, outdoor track facilities, a challenge course, maintenance and services center, and two special service residence halls. The south campus is bordered by residential neighborhoods on the north and south, Superior High School to the east, and Superior Northern Lights Elementary School to the west. This area is located on two major thoroughfares: 28th Street is a primary east/west traffic route on the south end of campus, and Catlin Avenue is a major north/south traffic route on the east side of the campus.
The central heating plant is located approximately two blocks away from the north element of the campus in a primarily residential area.

The entire main campus is zoned R2 (two-family residential.) However, for recent construction projects, the campus has had to obtain special use permits. The campus is currently working with the City of Superior to rezone the entire campus as a planned development district.

NON-CONTIGUOUS PROPERTY

Nelson Outdoor Laboratory (77 Acres)
This wooded area is located on the shores of Lake Superior within the City of Superior approximately eight miles east of the main campus near an area known as “Wisconsin Point.” Students and faculty use this area as an outdoor ecology laboratory. The property was acquired as the result of a property trade with Douglas County. The property has deed restrictions requiring its use for educational purposes.

Gordon McQuarrie Memorial Wetlands (470 Acres)
This is a mitigation wetland created by the Wisconsin Dept. of Transportation (DOT) to replace wetlands destroyed during highway construction. It is located in the Township of Superior, Douglas County, approximately 20 miles south of the main campus. Faculty and students have been tracking the evolution of the wetlands since it was created by the DOT and continue to use the site as an outdoor laboratory providing undergraduate research opportunities. The property was gifted to the UW-Superior Foundation and is managed by UW-Superior.
B. EXISTING CONDITIONS MAP

Barstow Hall
(science labs, classrooms)

Crownhart Hall
(residence hall)

Curran-McNoll, Ostrander Halls
(residence halls)

Ernstrom Hall
(business programs, classrooms, Distance Learning Program)

Holden Fine and Applied Arts Center
(classrooms, studios, performance areas)

Greenhouse

Hawkes Hall

Jim Dan Hill Library

Health and Wellness Center
(field house, recreation, athletics, classrooms, faculty offices)

Gates Physical Education Building
(gym, pool, student labs, study areas)

Old Main
(admissions, administration, classrooms)

McCaskill Hall
(classrooms, laboratories)

Ole Haugenrud Stadium

Public Safety Building
(Campus Safety, Parking Services, Environmental Health and Safety, Welcome Center)

Ross Hall (residence hall)

Sundquist Hall (faculty offices)

University Services Building

Wessman Arena

Yellowjacket Union student center
C. MISSION STATEMENT

University of Wisconsin System Mission Statement

The mission of the system is to develop human resources, to discover and disseminate knowledge, to extend knowledge and its application beyond the boundaries of its campuses and to serve and stimulate society by developing in students heightened intellectual, cultural and humane sensitivities, scientific, professional and technological expertise and a sense of purpose. Inherent in this broad mission are methods of instruction, research, extended training and public service designed to educate people and improve the human condition. Basic to every purpose of the system is the search for truth.

CORE MISSION STATEMENT

As institutions in the University Cluster of the University of Wisconsin System, the University of Wisconsin-Eau Claire, the University of Wisconsin-Green Bay, the University of Wisconsin-La Crosse, the University of Wisconsin-Oshkosh, the University of Wisconsin-Parkside, the University of Wisconsin-Platteville, the University of Wisconsin-River Falls, the University of Wisconsin-Stevens Point, the University of Wisconsin-Stout, the University of Wisconsin-Superior and the University of Wisconsin-Whitewater share the following core mission. Within the approved differentiation stated in their select missions, each university in the cluster shall:

a. Offer associate and baccalaureate degree level and selected graduate programs within the context of its approved mission statement.

b. Offer an environment that emphasizes teaching excellence and meets the educational and personal needs of students through effective teaching, academic advising, counseling and through university-sponsored cultural, recreational and extra-curricular programs.

c. Offer a core of liberal studies that supports university degrees in the arts, letters and sciences, as well as specialized professional/technical degrees at the associate and baccalaureate level.

d. Offer a program of pre-professional curricular offerings consistent with the university's mission.

e. Expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree level, its selected graduate programs and its approved mission statement.

f. Promote the integration of the extension function, assist the University of Wisconsin-Extension in meeting its responsibility for statewide coordination, and encourage faculty and staff participation in outreach activity.

g. Participate in interinstitutional relationships in order to maximize educational opportunity for the people of the state effectively and efficiently through the sharing of resources.

h. Serve the needs of women, minority, disadvantaged, disabled and non-traditional students and seek racial and ethnic diversification of the student body and the professional faculty and staff.

i. Support activities designed to promote the economic development of the state.
SELECT MISSION STATEMENT

The University of Wisconsin-Superior fosters intellectual growth and career preparation within a liberal arts tradition that emphasizes individual attention and embodies respect for diverse cultures and multiple voices.

To accomplish these ends, the University will:

a. Provide students with a carefully articulated and comprehensive foundation in liberal studies as a base for all degree programs.

b. Award baccalaureate degrees in selected fields in education, the arts and the humanities, in the sciences and social sciences, and in business.

c. Offer graduate programs in areas associated with its undergraduate emphases and strengths.

d. Extend its undergraduate and graduate resources beyond the boundaries of the campus through distance learning programs.

e. Expect scholarly activity, including research, scholarship and creative endeavor, that supports its programs at the associate and baccalaureate degree levels, its selected graduate programs and its special mission.

f. Engage in appropriate inter-institutional relationships to enhance educational and service opportunities.

g. Foster, with University of Wisconsin-Extension, the development of cooperative and general outreach programming and the integration of the Extension function with that of this institution.
D. STRATEGIC THEMES/GOALS

The University of Wisconsin-Superior strives to be firmly established as a nationally recognized public liberal arts institution where the learning community emphasizes individual attention and promotes intellectual growth, personal development, career preparation, professional studies, and life-long learning in an atmosphere of individual dignity with respect for the diversity of human cultures. To this end, UW-Superior continually engages its students and the larger community in global research and discourse, and exposes all to challenging ideas that forge new models of responsible citizenship. UW-Superior will also celebrate its regional climate and multi-ethnic heritage on a vibrant and beautiful campus.

The University of Wisconsin-Superior is committed to continual improvement. Continual improvement is an ongoing effort to improve our programs, services and processes. Each year, the Continuous Improvement and Planning Team (CIPT) prioritizes an institutional action plan from the identified improvement goals and articulate achievable objectives. Initiatives are accompanied with appropriate assessment and review criteria. In addition, utilizing shared governance and a variety of inputs, the CIPT reviews the strategic themes and goals and makes adjustments as internal and external environments necessitate. The following are the current campus-supported CIPT goals:

Academic Excellence – Develop a creative and dynamic learning environment within a liberal arts tradition that enables students to meet their individual goals while fostering life-long learning.

1. Implement the Liberal Arts Initiative including Writing Across the Curriculum, Academic Service Learning, Senior Experience, Global Awareness, and First Year Experience. (Immediate)
2. Recognize and support practices that encourage and celebrate student achievements. (Immediate)
3. Expand undergraduate research and internship opportunities. (Long Term)
4. Respond to the continuing and changing needs of both traditional and non-traditional students. (Long Term)

Culture of Respect – Create and foster an accepting community in which all staff and students feel safe, and diverse perspectives are valued.

1. Create a community of shared leadership and decision-making. (Immediate)
2. Foster the highest standards of ethical conduct, both personally and professionally. (Immediate)
3. Create a campus and classroom climate that celebrates diversity and creates a nurturing environment for all. (Immediate)

Campus Life – Create an intellectual and cultural experience outside of the classroom that supports, complements, and enhances the in-class experience, reflective of the public liberal arts education.

1. Increase participation in intellectual, cultural, and social activities. (Short-Term)
2. Develop programs targeted at increasing student retention. (Immediate)
3. Promote programs that enhance our unique natural environment. (Short-Term)
4. Develop inclusive programming that allows greater participation of non-traditional/commuting students, staff, and the local community. (Immediate)
5. Promote and recognize outstanding leadership of staff and students. (Short-Term)
6. Increase the number of opportunities for leadership development for all staff and students. (Short-Term)
Continuous Improvement – The University will improve its programs and services on a continual basis. All facets of operations will be regularly assessed and modified when appropriate.

1. Develop a culture of evidence, accountability, and transparency. (Long Term)
2. Develop and implement tenure, promotion, and evaluation processes that provide meaningful and measurable feedback. (Short-Term)
3. Launch a continuous quality improvement program. (Immediate)
4. Develop and implement a comprehensive student and program outcomes assessment and improvement plan. (Immediate)
5. Develop an improved campus-wide process for student evaluation of instructor and advisor effectiveness. (Short-Term)

Resource Management – Exercise responsible stewardship of all resources.

1. Develop an administrative and academic structure for the university that is functionally sound. (Immediate)
2. Develop an efficient and productive scheduling process to maximize use of resources. (Short Term)
3. Utilize shared governance through which fiscal priorities are established annually reviewed, and communicated. (Immediate)
4. See alternative funding mechanisms. (Immediate)
5. Foster relationships with public and private agencies. (Short Term)
6. Develop attractive physical environments and appropriate infrastructures. (Immediate)
7. Develop facilities that conserve and protect natural resources. (Immediate)
8. Reduce the campus’ energy consumption. (Immediate)

Enrollment Management – Utilize enrollment management principles to ensure a diverse student body while strengthening our academic standards.

1. Develop and implement a recruitment and admissions plan that addresses our changing demographics. (Immediate)
2. Review existing articulation agreements and develop new agreement to make the transfer process more easily navigable. (Short Term)
3. Develop and implement a comprehensive student retention plan. (Immediate)
4. Increase diversity of the student body. (Long Term)
5. Develop and implement a seamless recruitment, admission, advisement, and registration process. (Short Term)

University Image – Project a positive image of the University that promotes our unique qualities and enhances public relations, recruitment, and retention.

1. Develop and maintain a vibrant and engaging web presence. (Immediate)
2. Implement a unified, comprehensive marketing strategy. (Immediate)
3. Strengthen campus connections with alumni, parents, and families. (Short Term)
4. Develop the campus as a cultural center and regional destination point. (Long Term)
5. Increase public awareness of the University’s contributions to regional economic development. (Short Term)
6. Create and foster connections and partnerships with government, businesses, non-profits, and K-16 schools that foster development and economic growth. (Long Term)
E. PROGRAM TRENDS

UNDERGRADUATE DEGREES

1 Accounting
2 Art (Visual)
1 Biology
1 Broad Field Science
1 Broad Field Social Studies
1 Business Administration
1 Chemistry
1 Communicating Arts
1 Computer Science
1 Criminal Justice
1 Economics
1 Elementary Education
1 English
1 History
1 Legal Studies
1 Mathematics
2 Music
1 Physical Education
1 Political Science
1 Psychology
1 Social Work
1 Sociology
1 Sustainable Management
1 Theatre
1 Transportation & Logistics Management

GRADUATE DEGREES

Master of Arts
  • Visual Arts
  • Communicating Arts
Master of Science in Education (M.S.E.) and
  Specialist in Education (Ed.S.)
  • Educational Administration
  • Guidance & Counseling
  • Instruction
  • Reading
  • Special Education

UW-Superior offers the following undergraduate degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts, Bachelor of Music Education, Bachelor of Music, and the Associate Degree. The undergraduate program includes majors in 23 academic disciplines, as well as a variety of academic minors and/or concentration emphases, plus several cross-disciplinary certification programs. These major and minor curricula are offered through 12 undergraduate departments and the Distance Learning Center. All departments participate in the Individually Designed Major and Individually Designed Minor for the on-campus program, and the Individually Designed Major through the Distance Learning Center.

During academic year 2004-2005, as part of UW-Superior’s re-accreditation process, the campus conducted a review of undergraduate majors and sub-majors. The review concluded that while UW-Superior’s number of undergraduate disciplinary major entitlements (23) is appropriate for a campus of our size and resources, we had an excessive number of specialized undergraduate sub-majors. As a result, the number of distinct major curricula (majors and sub-majors) has been reduced from 79 in the 2002-04 catalog, to 61 in the 2006-08 catalog, to a current number of 56. Of these 56 curricula, 9 are secondary education certification curricula that closely parallel the standard curricula in their respective disciplines. The campus has also completed a review of major and minor curricula that has led to a significant reduction in required credits within majors and minors.

During Spring 2009 the number of departments was collapsed from 16 to 12 through reorganization and reconfiguration.

RECENTLY APPROVED AND DEVELOPING PROGRAMS

Within this context, the following undergraduate programmatic initiatives (majors, sub-majors, and minors) are in progress or under consideration:
Majors

**Sustainable Management Major**

UW-Superior’s Department of Business and Economics is working in partnership with UW-Parkside, UW-River Falls, and UW-Stout to establish a Bachelor of Science Degree Completion Program in Sustainable Management.

An entitlement to plan was granted February 2009, and authorization was granted later that year. UW-Extension will provide administrative and financial support for the major. This online major will provide an innovative interdisciplinary curriculum to a target audience of adult learners who hold Associate of Arts degrees. UW-Superior is well positioned to contribute to the collaboration through its existing commitment to distance education and faculty expertise in relevant academic fields. This major has been approved and is in its first year of operation.

**Criminal Justice Major**

The Department of Human Behavior, Justice and Diversity is in the process of reviewing proposals for a new major in Criminal Justice. Currently, Criminal Justice is offered as a concentration within the Legal Studies major. The concentration has always enrolled a substantial number of students. Given the popularity of this concentration, the department wants to create an independent major in the field. An additional faculty position will likely be involved in any approved proposal.

**Spanish Major**

As part of UW-Superior’s Global Awareness initiative, the Department of World Languages, Literatures and Cultures is discussing the possibility of developing a Spanish major at UW-Superior. This would be the first language major offered at UW-Superior since the elimination of all such majors during the fiscal emergency of the late 1970s and early 1980s. For such a major to be viable, additional faculty resources would be necessary.

Concentrations and Tracks

**Forensic Chemistry Concentration – Chemistry Major**

Effective Fall 2009, UW-Superior will offer a Forensic Chemistry Concentration within the Chemistry major. The concentration, which requires no new resources, takes advantage of the expertise of current faculty members to attract new students to UW-Superior’s Chemistry major (an academically strong but underutilized program) by appealing to the growing interest in forensic science among both prospective students and employers. An analytic chemist has been hired to start fall 2010 to fill a vacancy that has been covered by academic staff previously.

**Interactive Media Track – Mass Communication Concentration-Communicating Arts Major**

The Department of Communicating Arts has a new track in interactive media within the Mass Communication concentration of the Communicating Arts major. The track provides students with the essential knowledge needed to shape the future of new and emerging digital media. A new faculty member with expertise in the field began at UW-Superior in the fall of 2009. The new track becomes effective in the 2010-2012 General Catalog.

Minors

**Global Studies Minor**

In Fall 2009, UW-Superior began offering an interdisciplinary minor in Global Studies. The minor, one component of UW-Superior’s Global Awareness initiative, incorporates coursework from a wide range of disciplines, including Political Science, Sociology, English, Geography, History, and Economics. The Business and Economics component of the minor will be bolstered with the hiring of one faculty in Global Economic Development in the fall of 2010.
Social Work Minor

UW-Superior’s Social Work Program, which currently offers an on-campus accredited major in Social Work, is developing a minor that would be offered via distance education. (The campus does not currently offer a minor in Social Work.) The program has a Fall 2011 target for implementation of the minor. As of 2009-2010, two new online courses had been developed for the eventual minor.

EDUCATIONAL ATTAINMENT GOALS

UW-Superior has proposed an educational attainment goal of an additional 1,700 degrees by 2025 in response to UW System’s Growth Agenda for Wisconsin. In order to generate these additional degrees the campus is anticipating that enrollment will need to increase from the current 2,900 headcount to a 3,500 headcount. We believe that with the recent addition of a new student union, a renovated library, and the completion of the new academic building/Swenson Hall the campus will be able to handle this increased capacity with one exception. These additional 600 students will require additional science lab resources. The Barstow Science building is scheduled to undergo a renovation in 2011 to create multi-use labs for increased space efficiency. Until that renovation is complete and we can carefully analyze the lab utilization, the campus is unable to predict the exact nature of additional science lab needs. This science lab issue will be addressed in subsequent physical development plans.

RESEARCH and CREATIVE ACTIVITIES

Undergraduate and graduate student involvement in research and creative activities complements the teaching mission of UW-Superior. Undergraduate students have opportunities to engage in research and creative activities through participation in grants coordinate through one of the institutions’ research centers. Students also have an opportunity to work with individual faculty members in their particular disciplines through student assistance programs or in courses that use research methodologies. As part of the campus’ liberal arts initiative, all seniors will be required to produce a piece of original work that will be shared publicly with the campus community.

Despite UW-Superior’s small size, the institution ranks in the upper quadrant in the UW System in the receipt of federally funded research. The campus houses two nationally recognized research centers: the Lake Superior Research Institute (LSRI) and the Transportation and Logistics Research Center. UW-Superior is actively planning for two additional endeavors that will expand opportunities for collaborative research: The Lake Superior National Estuarine Research Reserve and the Superior Research Institute.

Lake Superior Research Institute

LSRI’s mission concentrates on the continued evaluation and analysis of the physical, biological, and socioeconomic environments of the greater Lake Superior Basin. Major research efforts have focused on biological monitoring (sampling, identification and analysis) of aquatic communities, ballast water treatment research, biodiesel fuel research, invasive species monitoring, and toxicity tests. These efforts have been focused in the Great Lakes and inland water bodies of the Upper Midwest.

Transportation and Logistics Research Center

The Transportation and Logistics Research Center serves as the area’s academic partner with local and national transportation and logistics industries and professional organizations. The Center’s mission is to provide applied transportation and logistics research, education, and advisory services that advance the economy of the region. The Center continually obtains new grants and research opportunities that promote the adoption of new ideas and techniques to improve transportation infrastructure and education.
Great Lakes Maritime Research Institute

UW-Superior is an equal partner in the Great Lakes Maritime Research Institute (GLMRI), a consortium with the University of Minnesota Duluth. GLMRI has been designated by the US Secretary of Transportation as a National Maritime Enhancement Institute. The mission of GLMRI is to develop and improve economically and environmentally sustainable maritime commerce on the Great Lakes through applied research. Funded research projects are awarded on a competitive basis to researchers at 10 affiliate universities located in Wisconsin, Minnesota, Michigan, Ohio, New York, and Indiana. An advisory board of government agencies, industry and other stakeholders assist in defining research agendas and presenting key issues. The diversity and level of support for GLMRI is increasing with a broader base of private and government agencies being involved.

Lake Superior National Estuarine Research Reserve

In 2008, Governor Doyle nominated the St. Louis River Freshwater Estuary on Lake Superior as a National Estuarine Research Reserve (NERR). There has been overwhelming local, state, and national support for a Lake Superior NERR. A Management Plan and Environmental Impact Statement for the NERR are being prepared and official designation of the Lake Superior NERR is anticipated to occur on October 15, 2010 with funding available on November 1, 2010. The proposed lead institution for the NERR is the University of Wisconsin-Extension.

The Lake Superior NERR is responsible for providing the facilities necessary to fulfill the Reserve’s mission and support its research and education programs. Lake Superior NERR facility plans include existing facilities that will be available upon designation for Reserve programming needs, potential interim facilities that may be needed from 2010 to 2015, and longer-term facilities options that will be explored to address future Reserve programming needs. It is already known that additional facilities and space will be required in order to provide the necessary space to implement a successful NERR program. As the Lake Superior NERR grows during its first five years of operation, interim facilities needs such as storage, expanded laboratory and educational facilities, and office space will become necessary.

This NERR designation will attract additional research dollars; provide opportunities for undergraduate and graduate teaching, learning and research; and expand faculty research focused on estuaries and their importance from an environmental and economic perspective.

Superior Research Institute

UW-Superior is actively investigating and seeking support for a Superior Research Institute to house a portion of the university’s research programs. This facility would expand opportunities for research, public outreach, and education; integrate and create collaborations with federal and state agencies, academics, and non-governmental organizations; and provide state-of-the-art facilities in an environmentally sustainable manner.
F. PLANNING ISSUES AND THEMES

GENERAL PURPOSE REVENUE (GPR) SUPPORTED FACILITIES & FUNCTIONS

<table>
<thead>
<tr>
<th>Priority</th>
<th>Issue Description</th>
</tr>
</thead>
</table>
| 1.       | **Support Space Inadequacies**  
|          | • As classrooms and other academic support functions are relocated from Old Main to Swenson Hall, Old Main can be reorganized to provide adjacencies for efficient operations and to provide space for student service and institution-wide unit to decompress. Old Main mechanical, electrical, and HVAC systems have significant deferred maintenance issues. |
| 2.       | **Specialized Learning Space Deficiencies**  
|          | • The music department lacks rehearsal space to accommodate program growth in the jazz, band, choir, and percussion curricula. The department lacks instrument storage space.  
|          | • The music department's Webb Recital Hall has become too small to accommodate standard recitals.  
|          | • Thorpe Langley Auditorium lacks ADA accessibility, a green room or restroom facilities in which performers can prepare, and storage space.  
|          | • The music department's lab spaces lack acoustical controls, temperature control, adequate lighting, and technological equipment.  
|          | • The art department lacks adequate lab space for weaving, painting, and ceramics work.  
|          | • The art department is unable to accommodate requested program growth in digital photography, expressive ecopsychology and raku ceramics.  
|          | • Inadequate amount of space allocated to the KUWS radio station and the inability of Holden Fine Arts HVAC system to adequately control temperature and humidity inhibit the ability of the station to perform tasks effectively.  
|          | • The communicating art department’s laboratory spaces lack modern, digital technology to prepare students for employment in a modern communications organization and inhibit program growth.  
|          | • The campus’ radio station lacks appropriate programming space and a campus-owned tower that could also be used to generate revenue.  
|          | • The campus’ senior project initiative, increasing STEM enrollments, and the Educational Attainment goals will begin to tax the Barstow science labs; utilization analyses will need to be completed after the Barstow renovation project (DSF #09A1Y) in subsequent physical development cycles.  
|          | • Erlanson Hall lacks space for business and economics program growth. |
| 3.       | **UW-Superior lacks adequate outdoor athletic space to provide and promote athletic, academic, and intramural programming.** |
### PROGRAM REVENUE [PR] SUPPORTED FACILITIES AND FUNCTIONS

<table>
<thead>
<tr>
<th>Priority</th>
<th>Issue Description</th>
</tr>
</thead>
</table>
| 1.       | The quality of campus housing options is likely to negatively impact student recruitment and retention efforts.  
- A recent student housing master plan study indicates that students would consider living on campus if new housing were available. Survey respondents also indicated they would be willing to living in a shared bedroom in a suite or apartment style unit in order to save money. UW-Superior’s current housing inventory consists entirely of traditional residence hall rooms with gang bathrooms. |
| 2.       | **Campus Day Care Operation**  
- The campus day care operation, currently housed in Sundquist Hall, will need to be relocated due to the anticipated demolition of Sundquist Hall. |
| 3.       | UW-Superior lacks adequate outdoor athletic space to provide and promote athletic, academic and intramural programming. |
| 4.       | **Parking Lot Space Inconveniently Located**  
- This issue has been resolved with the addition of a parking component to the new Yellowjacket Union project (DSF#05L1D.) This new parking lot will replace the 225 spaces lost due to the construction of the Yellowjacket Union. The new parking lot will be constructed on the site of the demolished Rothwell Student Center. |
G. SPACE NEEDS SUMMARY

The campus received approval in the 2007-09 biennium to construct a new academic building (Swenson Hall) which was a “keystone” project addressing all of the campus’ classroom issues, access to learning technology issues, and functional and physical obsolescence issues. In addition, Swenson Hall addresses a campus-wide lack of space to accommodate current activity, allowing a reconfiguration of existing spaces to address specialized learning space deficiencies and support space inadequacies.

As we compile the 2011-2013 six-year physical development plan, the campus has not identified new, additional space needs. The campus began an in-depth review of facilities and space issues in the spring of 2000 with all campus departments. During each biennial budget capital planning cycle, the campus space needs are validated against earlier physical development plans and updated based on current physical planning cycle dialogue with departments. Recent major capital projects to address space issues have been completed for Wessman Arena, a new Yellowjacket Union to replace Rothwell Student Center, and the Jim Dan Hill Library. The inability to provide quality classrooms that meet the flexibility and technology requirement of modern learning will be addressed with construction of a new academic building, Swenson Hall, which will be completed in April 2011. Swenson Hall will provide quality space, and also create the flexibility to reallocate existing space to relieve campus overcrowding and provide surge space for modest campus growth. The campus staff has worked to prioritize strategic needs and establish a long-term, development plan that best meets the campus needs. However, until the total campus reorganization that the new academic building will permit, the campus will have an imbalance of space needs between classrooms, labs, office, and general use components. This campus reorganization is reflected in our project request prioritization.
100  CLASSROOM FACILITIES

With the projected completion of Swenson Hall in April 2011, the campus will have 21 new classrooms and 16 existing classrooms that address the classroom demand needs identified in the 2007-2013 Six-Year Physical Development Plan. The institution has identified no additional classroom space needs for this development plan.

200  LABORATORY FACILITIES

There are selective laboratory deficiencies within the fine arts programs. The Holden Fine Arts Building was constructed in 1972 and has had no major renovation project since then.

The music program has added a jazz curriculum and a percussion curriculum since 1972. The original band and choir programs have grown to include a chamber choir, an orchestra, a pep band, a percussion ensemble, a jazz band, up to four jazz combos in a semester, a music education component, and a variety of techniques classes. There is a lack of rehearsal space to accommodate this program growth. In addition, the quality of practice studios lack adequate acoustical sound control, adequate HVAC controls to moderate temperatures and humidity levels, appropriate lighting levels for comfortable music reading, and current technological equipment. There is a lack of appropriate musical instrument storage space. For example, the current student instrument storage lockers are a stacked, standard gym locker variety. Larger instruments don’t fit in these lockers and the upper tier of lockers are difficult to access. Webb Recital Hall is a 104-seat theatre that has become too small for a typical recital. In addition, the grand piano can’t be moved off stage due to the narrow and angled hallway access to the stage. The Thorpe Langley performance space is a 700-seat venue that is a wonderful performance space but has no ADA access to the stage, has no green room or restroom facilities in which performers can “warm up”, and lacks adequate storage. Thorpe Langley is too large for the smaller performances that Webb Recital Hall serves.

The visual arts program lacks adequate lab space. The weaving studio is overcrowded with looms and equipment restricting safe movement within the room. There is no space for weaving supply and student project storage. The painting studio is also overcrowded with very little circulation space and no student storage space. Often, students’ works will be moved or shifted around the room by others to provide working space for another class. This creates the risk of student projects being damaged and the inability to complete a project. The department has also had to cut enrollments for those classes requiring metal shop work. The metal shop has work and storage space for no more than 15 students at a time. All of the visual arts studios lack current technology and audio visual capabilities.

The ceramics studio also is overcrowded with very little circulation and storage space. Hand work has had to be eliminated from the program due to space constraints in this lab. Ceramic work is a multi-stage process requiring adequate space to store work during the various stages. In March 2008 the campus experienced a chimney fire which resulted in the loss of our largest kiln. We lost another kiln in a lighting mishap. The Superior Fire Department subsequently red-tagged all of our kilns in Fall 2009 until appropriate safeguards were installed and the gas/electric exhaust systems were reviewed. The campus is addressing these health and safety issues with an all-agency project (DSF #10C2I) that will be bid in Spring 2010 and completed in Summer 2010.

Students have expressed the desire for additional visual arts curricular offerings in digital photography, expressive ecopsychology and raku ceramics. However, the department lacks the appropriate equipment and space in which to offer these curricula limiting the department’s ability to grow their programs, which are a critical component of a liberal arts curriculum.
The communicating arts program’s physical issues deal with the quality of space and equipment needs. Television standards in the United States moved from analog to digital technology in 2009, while the campus television studio contains a technological infrastructure built in the 1980s. Approximately 80% of the campus’ television studio equipment is approaching 20-year old status – equipment that is older than some of the students being taught. Not only is much of our current equipment obsolete, but it is also beyond repair, as parts become unavailable and repair facilities no longer service aging analog equipment. Equipment in the theatre lighting and control booths face similar digital issues. This archaic production facility needs a full remodeling and renovation to facilitate multi-media production, including the purchase of new digital high definition equipment, for this program to remain competitive and prepare the next generation of media professionals. The department is planning an interactive media track within the Communication Arts major that will depend on enhanced technology in these lab settings.

KUWS Radio is a vital part of the Broadcast Journalism component of Communicating Arts and provides significant support to Theater and Television. An inadequate amount of space allocated to the KUWS radio station and infrastructure problems inhibit the ability of the station to perform tasks effectively. The complex of rooms housing the radio station was originally designed for a speech correction laboratory and is both too small and poorly configured to meet the needs of broadcast journalism students and staff, nor does it provide ADA accessibility for radio program guests.

KUWS Radio leases antenna space on a Duluth-based firm’s tower. The terms of this lease are favorable. However, the campus could increase and expand its programming area, and generate additional revenue, if an antennae site were located in Wisconsin. Such a site is available for sale just south of Superior. Initial inquiries indicate a land value of approximately $10,000. KUWS staff would like to explore this purchase for the construction of a campus-owned tower from which to broadcast and to lease space to other organizations.

Barstow Hall is the primary science facility housing chemistry, physics, and some of the biology program space. The rest of the biology program is housed in McCaskill Hall. With the demolition of McCaskill Hall (part of the Swenson Hall project) Barstow Hall will need to house all of the chemistry, physics, and biology program space. Barstow underwent a major infrastructure project in the late 1980’s to address HVAC and electrical issues but did not add functional space issues. A functional space renovation project (DSF #09A1Y) has been approved and will begin in January 2011 to provide more efficient lab space usage and consolidate the science programs into Barstow Hall. Due to this consolidation the teaching science labs will be used more frequently and be unavailable for undergraduate student research.

As noted in the Program Trends section, all seniors will be required to produce a piece of original work, i.e. undergraduate research project. It is also anticipated that the campus will require additional science lab facilities as the campus grows its enrollment by 600 students as part of the Educational Attainment initiative, including students within the STEM disciplines. The science programs are also very successful at obtaining federal funding that provide a rich array of undergraduate research opportunities. The campus is already at the point where we must carefully evaluate those external funding opportunities with regards to our science lab inventory and the ability to incorporate additional research activities.

300 OFFICE FACILITIES

Student service areas lack physical adjacencies and sufficient space inhibiting confidential discussions with students and/or parents. The primary student support areas are located in Old Main. As classrooms and other academic support functions are relocated from Old Main to the new academic facility, Old Main can be reorganized to provide adjacencies for efficient operations and to provide space for student service and institution-wide units to decompress. The first time a student
visits campus they experience admissions offices that are not adequate in size to permit professional staff to meet with a student, two parents, and a sibling. The campus has attempted to create this environment by taking several classrooms offline to provide for office support functions such as data entry to be housed elsewhere and allowing the admissions office to serve as a welcoming environment. Students attempting to transact their admission, registration, advising and business transactions currently move between several floors in Old Main. Increasingly students and parents are expecting to visit campus, conduct their business in an efficient, confidential manner without having to navigate a maze of office visits. Other institution-wide support functions experience similar compression issues.

Swenson Hall is being designed with a number of surge office spaces. It is expected that academic program growth offices can be accommodated within Swenson Hall and/or within reorganized buildings.

### 400 STUDY FACILITIES

The newly renovated Jim Dan Hill Library and Swenson Hall will address the lack of student study areas on campus. The campus has not identified a need for additional study facilities.

### 500 SPECIAL USE FACILITIES

The campus’ heavy clay soil conditions hamper field drainage and delay the thawing of winter ground frost causing athletic fields to remain wet, soggy and unsuitable for spring semester use.

The women’s softball program does not have a campus field and therefore must compete for use of a city-owned diamond for practice and play. All of the other campus athletic teams have on-campus fields on which to practice and play. The lack of a softball field creates a gender equity issue for the campus.

The Ole Haugsrud football stadium was built in 1955. The campus dropped the football program in 1992 but continues to use the field for men’s and women’s soccer practices and intramural football. The current field surface has a very pronounced crown that poses problems for proper ball handling for sports requiring a flat playing surface. The field lighting standards are located inside the safety buffer zone for soccer play creating a non-regulation size playing field with unsafe conditions. The field’s support structures were constructed using cement block and mortar on a floating slab. Due to age and ground heaving, the floating slabs have cracked, causing the cement block to deteriorate. The buildings lack adequate plumbing, electrical, and heating systems. These conditions have rendered the buildings unusable. The stadium seating decks, beams and supports are showing signs of rust and require regular sandblasting and painting to maintain them.

In 2000 a new, regulation-size varsity soccer field was developed. However, due to poor soil conditions and a short growing season, getting the natural turf to ideal playing condition has been problematic. In 2009, the campus upgraded the irrigation and drainage systems at the field. This has
improved the field such that the soccer teams are now able to play regulation games on campus. This field does not provide any spectator seating, restrooms, press box, concession area, or spectator seating.

600 GENERAL USE FACILITIES

The new student center project addressed the campus’ facilities, student lounges, exhibition space, and merchandising facilities space needs. Overall, the campus lacks meeting rooms as part of a building’s support function. The Swenson Hall building project includes a number of meeting rooms, and as stated in the office facilities section, as classrooms and academic support spaces are relocated from Old Main to the new academic facility, Old Main can be reorganized to include additional meeting room space for its occupants. The long-term reorganization of Holden Fine Arts will also provide additional meeting space for that facility.

The new academic building project will demolish Sundquist Hall which currently houses the University’s child care operation. Sundquist’s demolition will create the need to relocate the daycare function to another building on campus or to explore a collaborative agreement with a community daycare provider located nearby. The campus contracts this service to an outside provider who utilizes campus space. The campus also provides segregated fee funded subsidies to students who place their children in one of two other daycare facilities near campus. The current utilization by UW-Superior students of the on-campus facility is minimal prompting campus life staff to further evaluate alternative daycare opportunities for our students that may not involve an on-campus component.

700 SUPPORT FACILITIES

The campus does not have support facilities space need issues.

800 HEALTH CARE FACILITIES

In 2006, the campus transitioned an on-campus student health care function to an outsourced health care operation located a short distance from campus. In 2008 the campus received a federal earmark of $160,000 for construction of a health services facility. These funds have been used to renovate office space for the health services coordinator and provide an appropriate health services resource/reception area.

900 RESIDENTIAL FACILITIES

The campus engaged Scion, Inc, a housing consultant in 2007 to conduct a market analysis of student housing need, both on-campus and in the Superior community, and a facility analysis of on-campus housing. The results of these two studies were then used to develop a long term strategic residential housing plan for the campus. This plan recommends conversion of the traditional style housing to a more popular unit layout (semi-suite or "traditional-plus."). The plan also recommends that because of the anticipated cost to renovate Crownhart Hall and the age of the facility, Crownhart be considered for demolition. Any renovation, demolition and/or replacement should leverage existing housing vacancies and consolidating students to buildings that are currently underutilized.

The campus has an approved pre-design project for the renovation of Ross and Hawkes residence facilities (DSF #09L1U). The project kick-off meeting was held in March 2009. Existing traditional, double-loaded corridor style housing is to be reconfigured to provide alternative living arrangements
that could include traditional rooms adjoined with a semi-private living room (two bedrooms per living room), or some other configuration suggested by the architect. The campus intends to include a residence hall project based on this pre-design work in the 2011-13 capital budget request.

The campus is also aware of several private developers interested in housing projects that could include joint use components that would be in close proximity to campus. The development would be near newly developed retail establishments, existing community recreation facilities, and popular campus eateries and services. The campus will continue to discuss these possibilities with the developers.

The campus is committed to improving our residential facilities either through renovation or new construction. As the campus approaches its next Higher Learning Commission (HLC) accreditation process in 2013, there is concern that as a liberal arts campus our residential facilities could be a concern, not only from a facility condition perspective but also from a capacity perspective associated with a liberal arts institution. At the HLC Annual Meeting held in Chicago this past March the campus learned that the University of Science and Arts of Oklahoma, a fellow COPLAC institution, experienced a similar residential housing situation and was cited by HLC for the condition and capacity of their residential offerings.
A. NEAR TERM DEVELOPMENT PLAN

A. Barstow Hall Renovation #09A1Y

Barstow Hall is the primary facility for the chemistry, physics, and some biology programs. McCaskill Hall also houses a portion of the biology program and will be demolished as part of a new academic building construction project. This project will:
- Reconfigure existing discipline specific labs into multi-functional labs to increase space utilization.
- Reconfigure space to accommodate biology and Lake Superior Research Institute spaces previously housed in McCaskill Hall.
- Reconfigure vacated classroom spaces to faculty office space.

Construction for this project will begin January, 2011 and be complete by August, 2011.

B. Residence Halls (2011-13 Major Project Request)

The university’s housing inventory is over 30 years old with no major renovation projects to any of the original residence hall buildings. The majority of the internal infrastructure is original equipment; the Maintenance Issues Worksheet details significant maintenance and infrastructure deficiencies. This necessitates the campus examine a series of residence hall capital improvement projects.
- Crownhart Hall is similar in age and design to that of Sundquist Hall which has been determined to be at the end of its useful life and will be demolished within the next several years.
- Ross and Hawkes Halls were built circa 1967 and are two of the newest residence facilities on campus. From a deferred maintenance perspective these buildings are the most viable for renovation. Curran, McNeil, and Ostrander Halls were built early 1960’s. From a deferred maintenance perspective, these halls have more maintenance issues that Ross/Hawkes.
- The campus is currently working on a pre-design renovation project for Ross & Hawkes Hall (#09L1U) to determine feasibility, cost and timeline.

C. Old Main Renovation (2011-13 Facilities Stewardship Project)

This project will renovate interior spaces of Old Main to accommodate new program spaces moving into the building as a result of the new Swenson Hall project. This will also include upgrades to the building air handling equipment including central air conditioning.

D. Athletic Fields (2013-15 Major Project Request)

Due to the campus’ heavy clay soil conditions, field drainage and delays the thawing of winter ground frost causing athletic fields to remain wet, soggy and unsuitable for spring semester use. In addition, many of the existing support buildings and infrastructure are failing due to age and type of construction. This project will:
- Reconfigure existing football field, including artificial turf installation, new stadium seating, utility buildings and lighting, to enable multi-use field sports such as soccer, football, lacrosse, etc.
- Install artificial turf on the baseball field infield.
- Create softball field including artificial turf on the infield.

E. Holden Fine Reorganization Project (2013-15)

This project will remodel program space within Holden Fine Arts to address specialized learning space deficiencies.

Radio Tower Land Acquisition and Construction- Located off campus

The campus is exploring the purchase of property south of Superior for the future construction of a new KUWS radio tower. This new tower would increase and expand programming area.
### B. PRIORITIZED PROJECT REQUESTS

#### GENERAL PURPOSE REVENUE (GPR) SUPPORTED REQUESTS

<table>
<thead>
<tr>
<th>In Process</th>
<th>Project Title</th>
<th>Estimated Cost</th>
<th>General Fund Supported Borrowing</th>
<th>Program Revenue Supported Borrowing</th>
<th>Building Trust Funds</th>
<th>Gift/Grant Funds</th>
<th>Program Revenue - Cash</th>
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<tbody>
<tr>
<td>Barstow Hall Remodeling – DSF #09A1Y</td>
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<td>General Fund Supported Borrowing</td>
<td>Program Revenue Supported Borrowing</td>
<td>Building Trust Funds</td>
<td>Gift/Grant Funds</td>
<td>Program Revenue - Cash</td>
<td>$1,600,000</td>
<td></td>
</tr>
</tbody>
</table>

1. **Project Title:** Old Main Reorganization  
   **Estimated Cost:** $TBD  
   General Fund Supported Borrowing | Program Revenue Supported Borrowing | Building Trust Funds | Gift/Grant Funds | Program Revenue - Cash | Total |
   $TBD |

2. **Project Title:** UW-Superior Athletic Field Development  
   **Estimated Cost:** $6,630,000  
   General Fund Supported Borrowing | Program Revenue Supported Borrowing | Building Trust Funds | Gift/Grant Funds | Program Revenue - Cash | Total |
   $1,170,000 | $7,800,000 |

3. **Project Title:** Holden Reorganization  
   **Estimated Cost:** $TBD  
   General Fund Supported Borrowing | Program Revenue Supported Borrowing | Building Trust Funds | Gift/Grant Funds | Program Revenue - Cash | Total |
   $TBD |

4. **Project Title:** Land Acquisition for Radio Tower & Tower Construction  
   **Estimated Cost:** $TBD  
   General Fund Supported Borrowing | Program Revenue Supported Borrowing | Building Trust Funds | Gift/Grant Funds | Program Revenue - Cash | Total |
   $TBD |

5. **Project Title:** Campus Plaza  
   **Estimated Cost:** $TBD  
   General Fund Supported Borrowing | Program Revenue Supported Borrowing | Building Trust Funds | Gift/Grant Funds | Program Revenue - Cash | Total |
   $TBD |
PROGRAM REVENUE (PR) AND GIFT/GRANT SUPPORTED REQUESTS

2011-13 BIENNium

1. Project Title: Ross/Hawkes Residence Halls Upgrades (DSF #09L1U - Predesign)
   Action Requested: [Planning & Construction]
   Estimated Cost: $ TBD
   Program Revenue Supported Borrowing 0
   Gift/Grant Funds 0
   Program Revenue - Cash 0
   Total $ TBD

2. Project Title: UW-Superior Athletic Field Development
   Action Requested: (Planning & Construction)
   Estimated Cost: 6,630,000
   General Fund Supported Borrowing 1,170,000
   Program Revenue Supported Borrowing 0
   Building Trust Funds 0
   Gift/Grant Funds 0
   Program Revenue - Cash 0
   Total 7,800,000

2013-15 BIENNium

1. Project Title: Residence Hall Upgrades
   Action Requested: [Construction]
   Estimated Cost: $ TBD
   Program Revenue Supported Borrowing 0
   Gift/Grant Funds 0
   Program Revenue - Cash 0
   Total $ TBD

2015-17 BIENNium

1. Project Title: Residence Hall Upgrades
   Action Requested: [Construction]
   Estimated Cost: $ TBD
   Program Revenue Supported Borrowing 0
   Gift/Grant Funds 0
   Program Revenue - Cash 0
   Total $ TBD
C. PROJECT SEQUENCE CHART

UW-Superior has identified four major projects for near-term implementation. One will consist of a residence hall renovation or new construction plan based on a housing pre-design project currently in progress. Another will reorganize building space in Old Main to alleviate identified support and office space issue. The third will upgrade the campus exterior athletic fields and the fourth will be a reorganization of Holden Fine Arts made possible when the KUWS radio operation is moved to Old Main during that building’s renovation project.

![Project Sequence Chart]

| CAMPUS PHYSICAL DEVELOPMENT PLAN - PLANNED PROJECT SCHEDULE OF EVENTS |
|----------------------------------------------------------|------------------|------------------|------------------|
| TOOL DESIGN OUTLINE                                      | $100K GPR        | $100K GPR        | $100K GPR        |
| RESIDENCE HALL RENOVATION AND/OR ADDITION                | $200K GPR        | $200K GPR        | $200K GPR        |
| RENOVATION                                               | $100K PR         | $100K PR         | $100K PR         |
| NEW CONSTRUCTION                                         | $300K PR         | $300K PR         | $300K PR         |
| OLD MAIN REORG                                          | $100K GPR        | $100K GPR        | $100K GPR        |
| ATHLETIC FIELD UPGRADES                                  | $200K GPR        | $200K GPR        | $200K GPR        |
| PLANNING                                                 | $100K GPR        | $100K GPR        | $100K GPR        |
| CONSTRUCTION                                             | $600K GPR        | $600K GPR        | $600K GPR        |
| HOLDEN REORG                                             | $100K GPR        | $100K GPR        | $100K GPR        |
| RADIO TOWER LAND ACQUISITION & CONSTRUCTION              | $100K GPR        | $100K GPR        | $100K GPR        |
| RESEARCH INSTITUTE                                       | $100K PR         | $100K PR         | $100K PR         |
| PR                                                       | $0.1 $1 $10 $TBD | $1 $1 $1 $1     | $1 $1 $1 $1     |
| TOTAL                                                    | $10.80M          | $10.80M          | $10.80M          |

KEY
- DURATION OF CAMPUS PHYSICAL DEVELOPMENT PLAN
- DURATION OF PROJECT
- DURATION OF PROJECT CONSTRUCTION
- DURATION OF PROJECT PLANNING
Mid-term Implementation Projects

**Research Facilities:**
This may be a number of construction projects that will house the Lake Superior National Estuarine Research Reserve operation and the Superior Research Institute. The LSNERR project may include a combination visitor/education center, research lab facility, small dormitory facility for visiting researchers, and maintenance/storage facilities. Both of these projects will include partnerships with a number of other organizations. The majority of funding sources will be external. These projects may move up on the implementation schedule based on availability of funds. (See discussion under Program Trends.)

**Campus Plaza:**
This project is addressed in the campus exterior master plan and will upgrade the pedestrian walkway between Old Man and the new student center.
**D. ORIGIN-DESTINATION CHART**

The Swenson Hall project scheduled for completion in 2011 will provide the majority of classroom space on campus and house eight academic departments (including their specialized lab needs) a consolidated Information Technology function, student support services, and building support functions. The Swenson Hall project also demolishes McCaskill Hall, a former grade school, Sundquist Hall, a former dormitory converted to faculty office space, and the greenhouse addition attached to McCaskill Hall. These facilities have reached the end of their useful lives and cannot be remodeled to produce quality instructional space. Academic functions previously housed in these facilities are included in Swenson Hall. The childcare operation located in Sundquist Hall is anticipated to be replaced with an external vendor subsidized with campus program revenue funds. Student Health facilities previously located in Sundquist will also be relocated to Hawkes Hall. The space needs for this function are office space only to accommodate a health services coordinator. The medical health services are contracted out to a local medical clinic. The Swenson Hall project also constructs a new greenhouse addition to the Barstow Hall science building.

Swenson Hall also replaces sub-standard classrooms in Old Main and Holden Fine Arts. This provides space that can be reallocated to address overcrowded office and support functions.

Moving the distance learning function currently housed in Erlanson Hall to Old Main provides surge space in Erlanson to accommodate the business and economics growth associated with the Transportation and Logistics Management program. The move also accomplishes operational adjacencies and efficiencies desired by the distance learning/continuing education programs in Old Main.
As classrooms, information technology services, and other academic support functions are relocated from Old Main to Swenson Hall, this opens Old Main space that can be reorganized to address overcrowded conditions for student service and institution-wide support functions. Old Main will accommodate the KUWS space needs. The reorganization can also address adjacencies and operational efficiencies to improve customer service. Old Main truly becomes the administrative hub of the campus.

Moving the KUWS public radio operation to Old Main and removing several classrooms in Holden Fine Arts (HFA) provides the flexibility to reorganize HFA and provide needed visual arts lab space to address overcrowded conditions in the weaving, painting, and pottery studios. The displaced HFA classrooms are replaced in Swenson Hall.

The biology functions displaced by the McCaskill Hall demolition will be moved to Barstow Hall. To address the science program space needs parts of Barstow will be remodeled to eliminate highly specialized labs and create multi-functional labs thereby allowing more efficient scheduling and higher utilization of space. Three of Barstow's four classrooms will be relocated to Swenson Hall.
Building Name: Electrical Sub Station
Building No.: 285-0M-0028
Building Type: Utility

Constructed: 1965
Addition(s): None
Floors: AG 1, UG 0

ASF: 0
GSF: 2508
GPR: 100%

CENTRAL UTILITY CONNECTIONS
CW, ELEC, C. AIR, WATER, US
HPS, FIBER, N. GAS, SEWER, WI

FUNCTIONAL RATING

ARCHITECTURAL
Masonry security wall is seeing some deterioration on cap stone and tuck pointing.

MECHANICAL
None

ELECTRICAL
None

COMMUNICATION
None

PLUMBING
None

CONVEYING
None

EQUIPMENT AND FURNISHINGS
None

BACKGROUND AND HISTORY
This building was built as an electrical substation to provide campus power.

OCCUPANT(S) AND USE(S)
Electrical utilities

FUNCTIONAL ASSESSMENT
Original transformer is currently being replaced by state DSF project # 07H2Y due to campus electrical demand increase due to new building construction.

OTHER BUILDING ISSUES
None

FUTURE BUILDING PLANS
None

CODE AND HEALTH/SAFETY
None
Building Name: Erlanson Hall Bridge
Building No.: 285-0M-0009B
Building Type: Academic

Constructed
Addition(s): 1961
Floors: AG 1 UG 0

ASF: 0 GSF: 1,150 GPR: 100 %

CENTRAL UTILITY CONNECTIONS

HISTORICAL

FUNCTIONAL RATING

Background and History
Built as a pedestrian transportation link between Old Main and Erlanson Hall.

Occupant(s) and Use(s)
No issues

Functionality Assessment
No issue

Other Building Issues
No issues

Future Building Plans
No plans

Code and Health/Safety
Entrance doors leading from Erlanson Hall into the bridge are potential hazard due to obstructed visibility for people on the other side of door. Synchronization of double doors has been a problem. Future project to replace set of doors with code compliant glass windows.

Architectural
No issues

Mechanical
Unit ceiling heaters are old and need replacement with more efficient units.

Electrical
No issues

Communication
N/A

Plumbing
N/A

Conveying
N/A

Equipment and Furnishings
No issues
Background and History
Erlanson Hall was built in 1916 and is the second oldest building on campus. This building has been an academic building over the years with some program changes along with interior renovations.

Occupant(s) and Use(s)
Currently it primarily serves the academic business department along with classrooms. It also houses the transportation and logistics program as well as the upward bound programs.

Functionality Assessment
This building serves the current use well and current classrooms are functional. Current technology is adequate and additional upgrades are planned as part of the classroom modification funding program.

Other Building Issues
No issues

Future Building Plans
It is the campus' intent to continue using this building for the current function.

Code and Health/Safety
Two programs are currently located and operating out of the basement of this building; transportation & logistics along with upward bound. These programs should be relocated due to the potential of basement flooding.

Architectural
The exterior of this building consists of brick and lime stone. Condition is good but future tuck pointing of the brick and cleaning of the lime stone will be needed. Windows have been upgraded but exterior doors are beginning to show wear and tear and should be changed out in near future.

Mechanical
Central air conditioning was installed in 1985. Much of the building mechanical system remains old and creates difficulties with air balancing. All wiring closets need to have proper cooling and ventilation to support network equipment.

Electrical
This building received an electrical upgrade from the DSF project #04H1L. All wiring closets in building needs to be on the building emergency backup generator along with proper room lighting.

Communication
Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Plumbing
Plumbing infrastructure is dated with old plumbing.

Conveying
No issues

Equipment and Furnishings
No issues
Building Name: Gates Field House
Building No.: 285-0M-0011
Building Type: Indoor Physical Education/Recreation

Background and History
This building was constructed in 1966 to replace the original Clough Gates gymnasium. In 2003 a campus wellness center was added to this building to provide more programming and flexible space.

Occupant(s) and Use(s)
Multi-use space for varsity basketball, volleyball along with campus recreation. This building also contains a swimming pool and locker room facilities.

Functionality Assessment
None

Other Building Issues
None

Future Building Plans
No future plans

Code and Health/Safety
No issues

Architectural
None

Mechanical
All wiring closets need to have proper cooling and ventilation to support network equipment

Electrical
All wiring closets need to be on the building backup generator and have lighting upgrades for support staff

Communication
Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment

Plumbing
None

Conveying
None

Equipment and Furnishings
None
Building Name: Marcovich Wellness Center
Building No: 285-0M-0011A
Building Type: Indoor Physical Education/Recreation

Background and History
This building was constructed as an addition to the Gates Physical Education building as a multi-use recreation complex. This building was originally named the “Health & Wellness Center” but was recently re-named the “Marcovich Wellness Center” as per the Board of Regents.

Occupant(s) and Use(s)
Current occupants consist of Physical Education, Athletics, multi-purpose field house, nautilus and free-weight rooms, racquetball course and welcome desk.

Functionality Assessment
No issues

Other Building Issues
No issues

Future Building Plans
None

Code and Health/Safety
No issues.
### Building Profile IIIA - 1

**Building Name**: Halbert Heating Plant  
**Building No.**: 285-0M-0026A  
**Building Type**: Utility  
**Constructed**: 1969  
**Addition(s)**: None  
**Floors**: 2  
**AG**: 2  
**UG**: 1

**ASF**: 142  
**GSF**: 22,598  
**GPR**: 100%  
**PR**: 0%  

**Central Utility Connections**

- **CW**:  
- **ELEC**:  
- **C. AIR**:  
- **WATER**:  
- **US**:  
- **N. GAS**:  
- **SEWER**:  

**Historical**

- **HPS**:  
- **FIBER**:  
- **N. GAS**:  
- **SEWER**:  

<table>
<thead>
<tr>
<th><strong>FUNCTIONAL RATING</strong></th>
<th><strong>PHYSICAL RATING</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>i</td>
</tr>
</tbody>
</table>

**Building Profile ratings based on the Postsecondary Education Facilities Inventory and Classification Manual (FICM): 2006 Edition**

**Background and History**

This building was built in 1969 as the campus’ only heating plant.

**Occupant(s) and Use(s)**

Coal/natural gas-fired steam producing boilers

**Functionality Assessment**

None

**Other Building Issues**

None

**Future Building Plans**

None

**Code and Health/Safety**

None

**Architectural**

None

**Mechanical**

None

**Electrical**

None

**Communication**

None

**Plumbing**

None

**Conveying**

None

**Equipment and Furnishings**

None
<table>
<thead>
<tr>
<th>Building Name</th>
<th>Jim Dan Hill Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building No.</td>
<td>285-0M-0004</td>
</tr>
<tr>
<td>Building Type</td>
<td>Academic</td>
</tr>
<tr>
<td>Constructed</td>
<td>1968</td>
</tr>
<tr>
<td>Addition(s)</td>
<td>None</td>
</tr>
<tr>
<td>Floors</td>
<td>AG 2, UG 1</td>
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<tr>
<td>ASF</td>
<td>50,871</td>
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<tr>
<td>GSF</td>
<td>70,341</td>
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<tr>
<td>GPR</td>
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</tr>
<tr>
<td>PR</td>
<td>0 %</td>
</tr>
</tbody>
</table>

**Central Utility Connections**

- HISTORICAL
  - CW
  - ELEC
  - C. AIR
  - WATER
  - US
  - WI

**A Functional Rating**

**Physical Rating**

**Background and History**

This building underwent a complete renovation in 2009, DSF project # 05I2P

**Occupant(s) and Use(s)**

Library services, study room, special collections, instructional lab and general gathering space.

**Functionality Assessment**

None

**Other Building Issues**

None

**Future Building Plans**

None

**Code and Health/Safety**

None

**Architectural**

None

**Mechanical**

None

**Electrical**

None

**Communication**

None

**Plumbing**

None

**Conveying**

None

**Equipment and Furnishings**

None
Building Name: McCaskill Lab School
Building No.: 285-0M-0003A
Building Type: Academic

Background and History
Building was originally built as a grade school as part of the campus education program use. After the school was no longer a part of the program the building was used for multiple functions.

Occupant(s) and Use(s)
Program administrative offices, classrooms, biology, research space.

Functionality Assessment
This building was deemed unsuitable for future use and will be demolished as part of the Swenson Hall project, DSF #0512Y.

Other Building Issues

Future Building Plans
To be demolished in fall of 2011

Code and Health/Safety
### Building Profile: Sundquist Hall Addition

**Building Name:** Sundquist Hall Addition  
**Building No.:** 285-0M-0061A  
**Building Type:** Academic

<table>
<thead>
<tr>
<th>Constructed</th>
<th>Floors</th>
<th>AG</th>
<th>UG</th>
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</thead>
<tbody>
<tr>
<td>Addition(s)</td>
<td>1956</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

- **ASF:** 5,287
- **GSF:** 7,550
- **GPR:** 100%
- **PR:** 0%

**Central Utility Connections:**

- **CW**: X
- **HPS**: X
- **ELEC**: X
- **FIBER**: X
- **C. AIR**: X
- **N. GAS**: X
- **WATER**: X
- **SEWER**: X
- **US**: X
- **WI**: X

**Functional Rating:** F  
**Physical Rating:** vi

**Background and History:**

This is a third floor addition to the original building when it was student housing.

**Occupant(s) and Use(s):**

Faculty offices and child care in basement

**Functionality Assessment:**

To be demolished as part of the Swenson Hall project, DSF #0512Y.

**Other Building Issues**

**Future Building Plans:**

Will be demolished in fall of 2011.

**Code and Health/Safety**

- **Architectural**
- **Mechanical**
- **Electrical**
- **Communication**
- **Plumbing**
- **Conveying**
- **Equipment and Furnishings**
<table>
<thead>
<tr>
<th>Building Name</th>
<th>Sundquist Hall</th>
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<tbody>
<tr>
<td>Building No.</td>
<td>285-0M-0061</td>
</tr>
<tr>
<td>Building Type</td>
<td>Academic</td>
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<table>
<thead>
<tr>
<th>Constructed</th>
<th>1950</th>
<th>1956</th>
<th>Floors</th>
<th>AG</th>
<th>UG</th>
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<tbody>
<tr>
<td>Addition(s)</td>
<td></td>
<td></td>
<td></td>
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<table>
<thead>
<tr>
<th>ASF</th>
<th>17,428</th>
<th>GSF</th>
<th>32,863</th>
<th>GPR</th>
<th>100 %</th>
<th>PR</th>
<th>0 %</th>
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**CENTRAL UTILITY CONNECTIONS**

<table>
<thead>
<tr>
<th>CW</th>
<th>ELEC</th>
<th>C. AIR</th>
<th>WATER</th>
<th>US</th>
<th>WI</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPS</td>
<td>FIBER</td>
<td>N. GAS</td>
<td>SEWER</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FUNCTIONAL RATING**

<table>
<thead>
<tr>
<th>PHYSICAL RATING</th>
<th>vi</th>
</tr>
</thead>
</table>

**Background and History**

This building was originally built as a 2-floor student housing building. A third floor was added in 1956. After new residence halls were built in the late 1960's, this building was turned into faculty offices.

**Occupant(s) and Use(s)**

Faculty offices with a child care in the basement

**Functionality Assessment**

This building is scheduled for demolition as part of the Swenson Hall DSF project #05I2Y.

**Other Building Issues**

None

**Future Building Plans**

Will be demolished in fall of 2011.

**Code and Health/Safety**

Architectural

Mechanical

Electrical

Communication

Plumbing

Conveying

Equipment and Furnishings
Building Name: University Public Safety Building
Building No.: 285-0M-0081
Building Type: Administrative

Background and History:
This building was originally built in 1996 as a convenience store/gas station by a private company. In 2007 the university purchased this building and in 2010 remodeled it for campus use.

Occupant(s) and Use(s):
This building houses Campus Safety, Parking Services and Environmental Health & Safety.

Functionality Assessment:
None

Other Building Issues:
None

Future Building Plans:
None

Code and Health/Safety:
This building has no emergency generator for backup power.

Architectural:
None

Mechanical:
None

Electrical:
None

Communication:
None

Plumbing:
None

Conveying:
None

Equipment and Furnishings:
None
### Building Profile IIIA - 1

<table>
<thead>
<tr>
<th>Building Name</th>
<th>University Service Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building No.</td>
<td>285-0M-0027</td>
</tr>
<tr>
<td>Building Type</td>
<td>Utility</td>
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</tbody>
</table>

#### Constructed
- **1969**
- None

#### Central Utility Connections
- **CW**
- **ELEC**
- **C. AIR**
- **WATER**
- **US**
- **WI**

#### Physical Rating
- **AG**
- **UG**
- **Floors**
  - 1
  - 0
- **ASF**
  - 207
- **GSF**
  - 24,354
- **GPR**
  - 100%
- **PR**
  - 0%

#### Background and History
Built in 1969 as the campus' maintenance service center.

#### Occupant(s) and Use(s)
Facilities Management general operations, building trade shops, garage, mailroom, central receiving and warehouse.

#### Functionality Assessment
This building is located on the south side of campus creating a transportation and travel time challenge.

#### Other Building Issues
None

#### Future Building Plans
None

#### Code and Health/Safety
No emergency generator for backup power. Fire alarm network project (08C3Y) will install head end at the service center making the emergency generator an important feature.

#### Architectural
None

#### Mechanical
None

#### Electrical
All wiring closets need to be on an emergency backup power source.

#### Communication
None

#### Plumbing
None

#### Conveying
None

#### Equipment and Furnishings
None
Building Name: Wessman Arena

Building No.: 285-0042A

Building Type: Indoor Physical Education/Recreation

**Background and History**
Built in 2006 to accommodate the university's varsity men's and women's hockey teams.

**Occupant(s) and Use(s)**
Locker rooms

**Functionality Assessment**
None

**Other Building Issues**
None

**Future Building Plans**
None

**Code and Health/Safety**
None

**Architectural**
None

**Mechanical**
None

**Electrical**
None

**Communication**
None

**Plumbing**
None

**Conveying**
None

**Equipment and Furnishings**
None
Building Name: Wessman Arena
Building No.: 285-0M-0042
Building Type: Indoor Physical Education/Recreation

Background and History
Building built in 1970 as an ice arena for campus hockey team and ice rental from outside users. The ice arena is also the home ice for the city high school hockey team. Originally built with a partnership agreement with the City of Superior. In 2006 a new locker room addition was built to accommodate the university’s varsity men’s and women’s hockey teams.

Occupant(s) and Use(s)
Ice arena

Functionality Assessment
Winter months used for ice events with summer months used for dry floor activities.

Other Building Issues
None

Future Building Plans
None

Code and Health/Safety
Assessments to upgrade maintenance access platforms/catwalks are currently underway.

Architectural
None

Mechanical
Two dehumidifiers in the arena are inaccessible to work on. They need work platforms mounted to do maintenance and repairs. All wiring closets need to have proper cooling and ventilation to support network equipment.

Electrical
All wiring closets need to be on the building backup generator and have lighting upgrades in closets for support staff.

Communication
Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Plumbing
None

Conveying
None

Equipment and Furnishings
None
Building Name: Yellowjacket Union
Building No.: 285-0M-0041
Building Type: Student Center/Union

**Background and History**
This new building was completed in 2009 (DSF #05L1D) to replace the Rothwell Student Center. This building is LEED silver certified and contains a 17,000 sf fully adhered green roof as a sustainability feature.

**Occupant(s) and Use(s)**
This building houses the campus bookstore, dining services, campus life, residence life, student organizations, meeting space, career services and general performance space.

**Functionality Assessment**
Adjacent to this building a new 200 space sustainable parking lot will be constructed on the site of the old student center that is being demolished. This new parking lot will be built in the summer of 2010 and will service the student center and other campus buildings.

**Other Building Issues**
None

**Future Building Plans**
None

**Code and Health/Safety**
None

**Architectural**
None

**Mechanical**
None

**Electrical**
None

**Communication**
None

**Plumbing**
None

**Conveying**
None

**Equipment and Furnishings**
None
Building Name: Barstow Hall
Building No.: 285-0M-0002
Building Type: Science

<table>
<thead>
<tr>
<th>Constructed</th>
<th>Addition(s)</th>
<th>Floors</th>
<th>AG</th>
<th>UG</th>
</tr>
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<tbody>
<tr>
<td>1959</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1993</td>
<td></td>
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</tr>
</tbody>
</table>

ASF: 31,363   GSF: 49,515   GPR: 100%
PR: 0%  

CENTRAL UTILITY CONNECTIONS

HISTORICAL

Building Profile ratings based on the Postsecondary Education Facilities Inventory and Classification Manual (FICM): 2006 Edition

Background and History
This building was built in 1959 as the campus science building. In 1993 the building was added on to for mechanical equipment and new stairway (#93382). During the same time, the basement level was renovated to provide program support for aquatic animal lab.

Occupant(s) and Use(s)
This building currently houses academic programs of Biology, Chemistry, Physics, and Geology and general classrooms. It also houses the Lake Superior Research Institute (LSRI).

Functionality Assessment
The current program space is very underutilized and inefficient. The adjacencies and functionality of the building are good. The wet and dry labs very disciplined and can be combined for better efficiencies.

Other Building Issues
None

Future Building Plans
As a result of McCaskill Hall being demolished as part of the new academic building, program space will need to be developed in Barstow hall to make room for biology and LSRI research labs and faculty offices that are currently housed in McCaskill. This project, DSF # 09A1Y will begin construction in January, 2011.

Code and Health/Safety
Fire alarm system is not addressable.

Architectural
None

Mechanical
The mechanical equipment has been problematic since the HVAC project in 1993. Balancing of the building air system has been very challenging. The air conditioner chiller was overhauled in 2004 due to a catastrophic failure. All wiring closets need to have proper cooling and ventilation to support network equipment.

Electrical
The buildings main electrical service is old and is in need for a main distribution upgrade project. Main electrical equipment is antiquated, parts are unavailable, arc fault levels are highest of anywhere on campus. All wiring closets need to be on the building backup generator and have lighting upgrades for support staff.

Communication
Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Plumbing
None

Conveying
This building will be undergoing a passenger elevator renovation project during the summer of 2008 (#06G2Q)

Equipment and Furnishings
None
Building Name: Crownhart Hall
Building No.: 285-0M-0062
Building Type: Single Student Housing

### Background and History
This building was built in 1956 as a women's residence hall. Some technology improvements have been made over the years, such as cable TV and internet. In 1982 a bathroom remodeling project (#8204-15) was completed to provide semi-private bathroom stalls. Other building improvements have been the addition of a computer lab and study rooms in the basement level.

### Occupant(s) and Use(s)
This building is used exclusively as a female student residence hall. During the summer months this building houses various student camps.

### Functionality Assessment
This building is a typical double-loaded corridor style residence hall with double occupancy rooms. Due to the construction type, this building does not allow any flexibility.

### Other Building Issues
This building is not air conditioned which poses challenges to market the building for additional summer use.

### Future Building Plans
Based on the student housing master plan study conducted by the Scion Group, it is recommended this residence hall be replaced due to the age and cost to renovate.

### Code and Health/Safety
This building does not have a passenger elevator for accessibility. As the main entrance is between the basement and first floors, no floors are accessible without a lift.

### Architectural
Exterior windows throughout the facility are single pane and energy inefficient. Exterior masonry walls are showing structural cracks and water leakage. All door hardware needs complete replacement.

### Mechanical
The mechanical equipment in this building is outdated and does not provide adequate indoor air quality. It is nearly impossible to control the heat in each room based on the type of heating system and controls. All wiring closets need to have proper cooling and ventilation to support network equipment.

### Electrical
Much of the building electrical system is original and has reached peak capacity. As students are bringing more electrical appliances to campus, electrical demand is constantly increasing. Emergency lighting is needed in the stair towers. All wiring closets need to be on the building backup generator and have lighting upgrades for support staff.

### Communication
Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

### Plumbing
The plumbing is original galvanized piping which is beginning to fail.

### Conveying
No issues

### Equipment and Furnishings
No issues
Background and History
This building was built in 1966 as a student residence hall. Some technology improvements have been made over the years, such as cable TV and internet. The only building improvements have been the addition of a computer lab and study rooms in the basement level.

Occupant(s) and Use(s)
This building is used exclusively as a student residence hall. During the summer months this building houses various student camps.

Functionality Assessment
This building is a typical double-loaded corridor style residence hall with double occupancy rooms. Due to the construction type, this building does not allow any flexibility. The bathrooms are the traditional communal bathrooms with gang showers.

Other Building Issues
This building is not air conditioned which poses challenges to market the building for additional summer use.

Future Building Plans
Based on the student housing master plan study conducted by the Scion Group, it is recommended to remodel this building to provide a more popular room unit layout (semi-suite or traditional-plus).

Code and Health/Safety
Fire alarm system is non-addressable- but a newer system/Fire alarm system lacks a "fireman's call system" at the annunciator panel”. These features should be installed under recently approved Project No. 08C3Y.

Architectural
Exterior windows throughout the facility are single pane and energy inefficient. Exterior doors are in very poor and ill-fitting condition and need replacement/ All interior stairwell fire doors need replacement.

Mechanical
The mechanical equipment in this building is outdated and does not provide adequate indoor air quality. It is nearly impossible to control the heat in each room based on the type of heating system and controls. All wiring closets need to have proper cooling and ventilation to support network equipment.

Electrical
Much of the building electrical system is original and has reached peak capacity. As students are bringing more electrical appliances to campus, electrical demand is constantly increasing. All wiring closets need to be on the building backup generator and have lighting upgrades for support staff.

Communication
Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Plumbing
The plumbing is original galvanized piping which is beginning to fail.

Conveying
No issues

Equipment and Furnishings
No issues
Building Name: Hawkes Hall
Building No.: 285-0M-0068
Building Type: Single Student Housing

Constructed 1967
Addition(s): None
Floors: AG 4, UG 1

ASF: 36,636
GSF: 60,685
GPR: 5%
PR: 95%

CENTRAL UTILITY CONNECTIONS
CW ☒
ELEC ☒
C. AIR ☒
WATER ☒
US ☒
N. GAS ☒
SEWER ☒
WI ☒

HISTORICAL

FUNCTIONAL RATING

Physical Rating: iii

Background and History
This building was constructed in 1967 as a women’s residence hall. Due to decreasing on-campus housing enrollment this building was closed in 1980. It was re-opened in the late 1980's and space was leased to non-profit agencies. Counseling and Health Services is currently housed in this building along with an emeriti suite. Currently, this building is near occupancy capacity.

Occupant(s) and Use(s)
The primary use of this building is leased space to community non-profit agencies such as: North country Independent Living, Lutheran Social Services, Center Against Sexual and Domestic Abuse, Health clinic, YMCA Day care and WIC.

Functionality Assessment
This building is a typical double-loaded corridor style residence hall. Due to the construction type, this building does not allow any flexibility. The bathrooms are the traditional communal bathrooms with existing gang showers areas used for storage.

Other Building Issues
This building is not centrally air conditioned which requires numerous window air conditioner units.

Future Building Plans
Based on the student housing master plan study conducted by the Scion Group, it is recommended to remodel this building and convert it back to a residence hall with more popular room unit layouts (semi-suite or traditional-plus).

Code and Health/Safety
No emergency generator

Architectural
Exterior windows throughout the facility are single pane and energy inefficient. Stairwell fire doors are in very poor condition.

Mechanical
The mechanical equipment in this building is outdated and does not provide adequate indoor air quality. It is nearly impossible to control the heat in each room based on the type of heating system and controls. All wiring closets need to have proper cooling and ventilation to support network equipment.

Electrical
Much of the building electrical system is original and has reached peak capacity. All wiring closets need to be on the building backup generator and have lighting upgrades for support staff.

Communication
Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Plumbing
The plumbing is original galvanized piping which is beginning to fail. Hot water recirculation system has been disabled due to problems.

Conveying
No issues

Equipment and Furnishings
No issues
Holden Fine Arts Center (HFAC) was built in 1972 as the campus fine and applied arts center. The lower lever is partially underground with the north and west sides open to a lower courtyard. In 1998 the building’s HVAC controls were upgraded (#98366). In 2002 a chiller room was added to the west side to house a water chiller unit to central chill HFAC and the Health and Wellness Center located across the street. In 2006 the Kruk art gallery was remodeled.

This building houses all of the fine and applied arts discipline which include music, communicating arts, visual arts, theatre, and a Wisconsin public radio studio (KUWS, 91.3 FM).

Due to program growth, several departments have outgrown studio space. Some classrooms are too small to be functional.

Other Building Issues
None

Future Building Plans
It is the intent of the campus to move the radio station to Old Main, freeing up much needed program space within HFAC. This would allow programs such as visual arts to have adequate space for student use. Some classroom space will be relocated to Swenson Hall, freeing space for reallocation.

Due to age and design, the ceramic kilns will need to be upgraded and/or replaced in the near future. The ventilation for the kilns has been a concern and will need upgrades.

This building has been experiencing water leakage on the east stage wall. DSF project 08L1X will be addressing this.

There are still some issues with the age of the air handling equipment and ability to make repairs. Exterior East facing tower wall leaks water from driving rain. Exterior wall bricks on lintel above loading dock are loose. Interior stairs are open risers creating open areas for objects to fall—not child proof. Control valve for AHU’s, reheat coils and control valves very difficult to service due to poor access. No mechanical access to AHU above ceiling in HFAC 2125. Original exhaust fans are old and parts had to find. Painting and etching studio ventilation systems need to be on continuously at a lower continuous exhaust rate. Radio station air flow is inadequate for area needs. Several of the AHU’s are old and original equipment. Suspected asbestos insulation coming loose in several areas. All wiring closets need to have proper cooling and ventilation to support network equipment.

Emergency lighting is needed in studios, particularly in basement studios. Building has many areas of inefficient metal halide hall lighting, emergency aisle lighting is incandescent and dim. All wiring closets need to be on the building backup generator and have lighting upgrades for support staff.

Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Due to age and design, the ceramic kilns will need to be upgraded and/or replaced in the near future. The ventilation for the kilns has been a concern and will need upgrades.
Background and History
This building was built in 1966 as a student residence hall. Some technology improvements have been made over the years, such as cable TV and internet. The only building improvements have been the addition of a computer lab and study rooms in the basement level.

Occupant(s) and Use(s)
This building is used exclusively as a student residence hall. During the summer months this building houses various student camps.

Functionality Assessment
This building is a typical double-loaded corridor style residence hall with double occupancy rooms. Due to the construction type, this building does not allow any flexibility. The bathrooms are the traditional communal bathrooms with gang showers.

Other Building Issues
This building is not air conditioned which poses challenges to market the building for additional summer use.

Future Building Plans
Based on the student housing master plan study conducted by the Scion Group, it is recommended to remodel this building to provide a more popular room unit layout (semi-suite or traditional-plus).

Code and Health/Safety
Fire alarm system is non-addressable- but a newer system. Fire alarm system lacks a "fireman's call system" at the annunciator panel”. These features should be installed under the recently approved Project No. 08C3Y.

Architectural
Exterior windows throughout the facility are single pane and energy inefficient. All interior stairwell fire doors need replacement! Exterior doors are in very poor and ill-fitting condition and need replacement.

Mechanical
The mechanical equipment in this building is very outdated and does not provide adequate indoor air quality. It is nearly impossible to control the heat in each room base on the type of heating system and controls. All wiring closets need to have proper cooling and ventilation to support network equipment.

Electrical
Much of the building electrical system is original and has reached peak capacity. As students are bringing more electrical appliances to campus, electrical demand is constantly increasing. All wiring closets need to be on the building backup generator and have lighting upgrades for support staff.

Communication
Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Plumbing
The plumbing is original galvanized piping which is beginning to fail.

Conveying
No issues

Equipment and Furnishings
No issues
Background and History
Old Main was built in 1914 after the original Old Main was destroyed by fire. This building was originally used for much of the administrative and classes for the Superior Normal School. In 1932 the Curran Wing was added on as the campus library. Over the years of campus growth, Old Main became the central administrative building with student support services and classrooms. This building also houses the Thorpe Langley auditorium which is home to music department concerts along with general campus use. The exterior architecture of Old Main has been preserved along with several facets of interior spaces.

Occupant(s) and Use(s)
The building houses the campus administrative units, student support services, multicultural center, classrooms, computer labs, and some academic departments.

Functionality Assessment
Due to the building construction, current classrooms are not flexible to support current teaching or technology. The building configuration is adequate for general administrative and student support functions.

Other Building Issues

Future Building Plans
There are future plans to reconfigure several areas of the building to house several additional administrative units after the classrooms are moved to the new academic building in 2011.

Code and Health/Safety
This building suffers from indoor air quality issues due to the antiquated air handling units. The main air handler is original equipment from 1914 and does not provide adequate air circulation. This building is not centrally air conditioned, which poses comfort problems during the warm weather in the classrooms, offices and auditorium.

Architectural
Due to the brick and limestone exterior construction, this building needs masonry upgrades, such as tuck-pointing, caulking and stone cleaning. The basement has a history of flooding and dampness. Basement floor is uneven and presents tripping hazard. Basement stairwell doors are old and miss-fitting. Drainage within some window wells needs to be improved. Exterior and vestibule entrance doors under bridge need to be replaced, old and miss-fitting. Exterior main staircase - stone banister coming loose due to weather. Replace basement glass-block windows with insulated units. Approved DSF project #08L1X will address several of these issues.

Mechanical
The mechanical equipment is outdated and lacks proper controls. Duct work is small, old and nearly impossible to adjust or balance. All wiring closets need to have proper cooling and ventilation to support network equipment.

Electrical
This building received an electrical upgrade project in 2004 (#04H1L) that addressed the main transformer, branch circuits and emergency power. All wiring closets need to be on the building backup generator and have lighting upgrades for support staff.

Communication
This building houses the campus telephone switch equipment which is very outdated and becoming difficult to repair/upgrade. Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Plumbing
Plumbing infrastructure is dated with old piping.

Conveying
This building lacks lift equipment to move large music equipment, such as grand piano, onto the stage of the auditorium.

Equipment and Furnishings
No issues.
Background and History
In 1932 the Curran Wing was added on as the campus library. After the Jim Dan Hill Library was constructed in 1968, the Curran Wing was renovated into student services space. The exterior architecture of the Old Main Curran Wing has been preserved along with several facets of interior spaces.

Occupant(s) and Use(s)
The building houses the campus admissions, registrar, student support services, multicultural center, university relations and psychology.

Functionality Assessment
The building configuration is adequate for general administrative and student support functions.

Other Building Issues

Future Building Plans
There are future plans to reconfigure some areas of this building after the new academic building is built. In 2011.

Code and Health/Safety
This building suffers from indoor air quality issues due to the antiquated air handling units. The main air handler is original equipment from 1914 and does not provide adequate air circulation. This building is not centrally air conditioned, which poses comfort problems during the warm weather.

Architectural
Due to the brick and lime stone exterior construction, this building needs masonry upgrades, such as tuck-pointing, caulking and stone cleaning. Exterior doors are old and do not reflect the architectural style of the building very well. The basement has a history of flooding and dampness. The balcony doors and hardware in the multicultural center need to be replaced due to age.

Mechanical
The mechanical equipment is outdated and lacks proper controls. Duct work is small, old and nearly impossible to adjust or balance. All wiring closets need to have proper cooling and ventilation to support network equipment.

Electrical
This building received an electrical upgrade project in 2004 (#04H1L) that addressed the main transformer, branch circuits and emergency power. All wiring closets need to be on the building backup generator and have lighting upgrades for support staff.

Communication
Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Plumbing
Plumbing infrastructure is dated with old piping.

Conveying

Equipment and Furnishings
No issues.
Building Name: Ostrander
Building No.: 285-0M-0063
Building Type: Single Student Housing

Construction Year: 1964
Addition(s): None
Floors: 4
AG: 22,131
UG: 34,079
GPR: 0%
PR: 100%

Central Utility Connections:
- CW
- ELEC
- C. AIR
- N. GAS
- WATER
- US
- WI

Historical:
-汜

Functional Rating:
- D

Physical Rating:
- iii

Background and History:
This building was built in 1964 as a residence hall and continues to be used for the same purpose. Some technology improvements have been made over the years, such as cable TV and internet. The only building improvements have been the addition of a computer lab and study rooms in the basement level.

Occupant(s) and Use(s):
This building is used exclusively as a student residence hall. During the summer months this building houses various student camps.

Functionality Assessment:
This building is a typical double-loaded corridor style residence hall with double occupancy rooms. Due to the construction type, this building does not allow any flexibility. The bathrooms are the traditional communal bathrooms with gang showers.

Other Building Issues:
This building is not air conditioned which poses challenges to market the building for additional summer use.

Future Building Plans:
Based on the student housing master plan study conducted by the Scion Group, it is recommended to remodel this building to provide a more popular room unit layout (semi-suite or traditional-plus).

Code and Health/Safety:
No emergency generator. This building does not have a passenger elevator for accessibility. As the main entrance is between the basement and first floors, no lobbies are accessible without a lift.

Architectural:
Exterior windows throughout the facility are single pane and energy inefficient. All interior stairwell fire doors need replacement. Exterior doors need to be replaced due to condition and age-critical.

Mechanical:
The mechanical equipment in this building is outdated and does not provide adequate indoor air quality. It is nearly impossible to control the heat in each room base on the type of heating system and controls. All wiring closets need to have proper cooling and ventilation to support network equipment.

Electrical:
Much of the building electrical system is original and has reached peak capacity. As students are bringing more electrical appliances to campus, electrical demand is constantly increasing. All wiring closets need to be on the building backup generator and have lighting upgrades for support staff.

Communication:
Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Plumbing:
The plumbing is original galvanized piping which is beginning to fail. This building has experienced some basement flooding during extreme rainfalls.

Conveying:
Equipment and Furnishings:
No issues
### Building Profile: Ross Hall

#### Background and History
This building was constructed in 1967 as a men’s residence hall. Due to decreasing on-campus housing enrollment, this building was closed in 1982. It was re-opened as a residence hall on a limited basis in the late 1980s. In the early 1990s, several single rooms were remodeled into semi-suite style rooms for married housing. Currently, this building is near occupancy capacity.

#### Occupant(s) and Use(s)
This building is used exclusively as a student residence hall.

#### Functionality Assessment
This building is a typical double-loaded corridor style residence hall with double occupancy rooms. Due to the construction type, this building does not allow any flexibility. The bathrooms are the traditional communal bathrooms with gang showers.

#### Other Building Issues
This building is not air conditioned, which poses challenges to market the building for additional summer use.

#### Future Building Plans
Based on the student housing master plan study conducted by the Scion Group, it is recommended to remodel this building to provide a more popular room unit layout (semi-suite or traditional-plus).

#### Code and Health/Safety
No emergency generator

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**Building Name:** Ross Hall  
**Building No.:** 285-OM-0069  
**Building Type:** Single Student Housing

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**ASF:** 39,208  
**GSF:** 60,685  
**GPR:** 0 %  
**PR:** 100 %

**Central Utility Connections**

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<th>FIBER</th>
<th>C. AIR</th>
<th>WATER</th>
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</table>

**Historical**

**Functional Rating**

**Physical Rating**

Architectural
- Exterior windows throughout the facility are single pane and energy inefficient. Entrance canopy, where it meets the building, major water penetration during driving rain.

Mechanical
- The mechanical equipment in this building is outdated and does not provide adequate indoor air quality. It is nearly impossible to control the heat in each room based on the type of heating system and controls. All wiring closets need to have proper cooling and ventilation to support network equipment.

Electrical
- Much of the building electrical system is original and has reached peak capacity. As students are bringing more electrical appliances to campus, electrical demand is constantly increasing. All wiring closets need to be on the building backup generator and have lighting upgrades for support staff.

Communication
- Building voice and data cabling needs to be upgraded to a minimum of Category 6. Current telephone equipment is antiquated and should be upgraded. Data and voice communication equipment is end-of-life and is no longer supported by the manufacturer. Standards based video surveillance equipment needs to be installed that integrates with the current core network equipment.

Plumbing
- The plumbing is original galvanized piping which is beginning to fail. Hot water recirculation system has been disabled due to problems.

Conveying
- No issues

Equipment and Furnishings
- No issues
B. SITE DEVELOPMENT PROFILE

Athletics
Upgrade athletic fields due to soil conditions, location and infrastructure problems.

Demolition:
Sundquist and McCaskill Halls along with the existing greenhouse will be demolished after the completion of the new academic building.

Parking Services
New parking lot development to replace the loss of lot #11 due to new student center and academic building. This lot will be constructed after the demolition of the Rothwell Student Center.

Academics
A new instructional greenhouse will be constructed to replace the existing after McCaskill is demolished.

Academics
Development site for new academic building- Swenson Hall, #052Y
C. SITE UTILITY PROFILE

High Pressure Steam System
Steam and condensate return lines are direct burial and not protected in concrete vault.

Stormwater and Collection System
Storm Water issues along with poor city sanitary and storm sewers have caused flooding in several buildings in this portion of the campus.

Chilled Water System
Expand chilled water loop to Old Main, Erlanson and Barstow Hall.
MID-TERM DEVELOPMENT PLAN

Campus Grounds
Develop a campus plaza walkway from Old Main to the new student center.

Superior Research Institute (Off Campus)
Develop an off campus research institute to house and expand the university’s research programs. This would be a collaborative effort with federal and state agencies, academics and non-government organizations.