# OAKLAND Aspiration & Innovation

Fiscal Year 2025 Five-Year Capital Outlay Plan



"Oakland University will unlock the potential of individuals and leave a lasting impact on the world through the transformative power of education and research."



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#### **Mission Statement**

Oakland University cultivates the full potential of a diverse and inclusive community. As a public doctoral institution, we impact Michigan and the world through education, research, scholarship, and creative activity.

#### **Vision Statement**

Oakland University will unlock the potential of individuals and leave a lasting impact on the world through the transformative power of education and research.

#### **Strategic Goals**

- 1. Foster student success through a robust teaching and learning environment and comprehensive student services.
- 2. Be recognized as a strong research and scholarly environment focused on creative endeavors and on the discovery, dissemination, and utilization of knowledge.
- 3. Become a leader in serving the needs and aspirations of our communities and region through expanded community relationships, institutional reputation and visibility, and engagement.
- 4. Advance diversity, equity, and inclusion in an environment of mutual trust and respect at all levels of the institution and facilitate opportunities and success for all community members.

#### **Instructional Programming**

Oakland University is a doctoral/research University located in Rochester, Michigan, within Oakland County. Through unique and distinctive academic experiences, Oakland is preparing students to make meaningful and substantial contributions to the workplace, academia and the community.

#### **An Engaged University**

Oakland University is the only comprehensive, doctoral-level university located in Oakland County, Michigan. Recognized as one of the country's 146 doctoral research universities by the Carnegie Foundation for the Advancement of Teaching, the University offers students opportunities to work directly on research with expert faculty.

Through a multitude of partnerships with hospitals, Fortune 500 companies, individuals, cities, government agencies and educational institutions, Oakland helps communities solve problems and build thriving, sustainable businesses. These associations reward students with internship and co-op opportunities and provide University researchers access to the latest technology tools. Oakland's leadership with these partnerships also significantly impacts economic development and commercialization opportunities.

Oakland, in partnership with Beaumont Health System, opened the first M.D.-granting medical school in Oakland County with an inaugural class of 50 students in August 2011. The first new medical school started in Michigan in a generation, the Oakland University William Beaumont School of Medicine (OUWB) is expected to help boost the local and regional economies by generating new jobs and attracting medical, business and academic leaders from around the nation. OUWB was designed to transform medical education by emphasizing holistic physician development – a patient-centered approach to the delivery of health care that is grounded in evidence-based medical science.



In related academic disciplines, Oakland offers strong undergraduate programs founded in the liberal arts and basic sciences. The University is widely recognized for excellence in biomedical sciences and other health-related programs. Oakland is home to the School of Nursing and School of Health Sciences, the world renowned Eye Research Institute, and highly-regarded programs in bioengineering, informatics and nanotechnology; health and environmental chemistry; medical physics and biological communication.

Oakland's other professional schools (Business Administration, Education and Human Services, Engineering and Computer Science), as well as the College of Arts and Sciences, have been recognized nationally for a wide array of accomplishments.

#### **A Leading University**

Oakland University is recognized as a student-centered, doctoral research institution with a global perspective. It engages students in distinctive educational experiences that connect to the unique and diverse opportunities within our region and beyond.

Through faculty-driven and student-engaged research, scholarship and creative activity, Oakland University advances knowledge and art in a diverse and inclusive environment. Oakland is also an active community partner, providing thriving civic, cultural, and recreational opportunities and valuable public service.

In addition to equipping graduates with a broad base of knowledge and top-notch intellectual and experiential opportunities, Oakland is equally dedicated to the development of students in all aspects of their lives. Through a carefully thought-out collection of campus life experiences, the University gives students opportunities to conduct research and participate in internship and co-op experiences.



#### **A Growing University**

Oakland continues to thrive as a public institution with:

- Increased underrepresented minority student enrollment over the last seven years
  - 377 international students enrolled in fall 2022
  - Six residence halls and two apartment complexes

Oakland has continued to keep pace with growth by providing new and advanced academic, research and support facilities. Recent capital projects have included:

- renovation and expansion of Wilson Hall
- renovation and expansion of South Foundation Hall
- renovation and expansion of Varner Hall

- · construction of the Human Health Building
- construction of the Engineering Center
- renovation of Hannah Hall laboratories
- renovation of O'Dowd Hall to provide additional classrooms and space for the Oakland University William Beaumont School of Medicine
- creation of the First Year Advising Center
- construction of the 504-bed Oak View residence hall, which includes a new home for the Honors College
- upgrades to the Recreation and Athletics Outdoor Complex, creating a track and field complex, tennis courts, and synthetic turf soccer fields
- construction of a second parking structure with 1,245 spaces
- construction of an Athletic Dome through a public-private partnership to provide an indoor athletic practice facility
- · Oakland University Engineering Center
- completion of the 151-foot-tall, 49-bell Elliott Tower (100 percent funded by Hugh and Nancy Elliott)
- major renovation of the Oakland Center, a student union facility that includes 60,000 square feet of student-focused spaces
- completion of Hillcrest Hall, a student housing facility that includes 750 beds and a dining facility with the capacity to accommodate 750 residents, students, and staff. The building also includes four general-purpose classrooms with 200 seats

A campus master plan accounts for expected growth and includes:

- renovation and restoration at Meadow Brook Hall
- a third parking structure
- · housing facilities to expand the number of beds on campus
- the identification of potential building sites
- a research and development park
- a new humanities facility

Several upgrades, renovations and technological improvements to various classrooms, laboratories and common areas were recently completed. Primary laboratories to receive extensive renovation were in chemistry, biology, physics, and art and art history – all programs that have experienced large increases in student enrollment or are key components of Oakland's biomedical and health care academic offerings.

#### **Applied Research and Economic Development**

Oakland offers knowledge, resources and programs that help companies grow. With its research labs, facilities, faculty and students, the University assists companies in transforming ideas into new business developments, turning dreams into reality and giving vitality to vision. At the OU INC and Macomb-OU business incubators, the University is committed to assisting startups and spin-offs to locate and secure technology development, business planning and capital acquisition, as well as providing opportunities for the licensing of Oakland University's intellectual property. To foster emerging discoveries, the University features several noted



research centers, including the:

- Eye Research Institute (ERI)
- Fastening and Joining Research Institute (FAJRI)
  - Galileo Institute for Teacher Leadership
  - Center for Autism
  - Center for Biomedical Research (CBR)
  - Automotive Tribology Center (ATC)
- Center for Applied Research in Musical Understanding (CARMU)
- Center for Integrated Business Research and Education (CIBRE)
- Center for Robotics and Advanced Automation (CRAA)
- Center for Social and Behavioral Research (CSBR)
  - Clean Energy Research Center (CERC)
- Ken Morris Center for the Study of Labor and Work
- Institute for Stem Cell and Regenerative Medicine (ISCRM)

**OU SmartZone Business Accelerator:** OU INC is a SmartZone Business Accelerator in collaboration with the City of Rochester Hills and Michigan Economic Development Corporation, and partners with Oakland County and Automation Alley. OU INC provides entrepreneurial resources and strategic business solutions for developing business ventures and accelerates ideas to market. It fosters a healthy environment for the growth of new startup companies and provides support for existing entities through its facility and resources. The OU INC facility provides business resources, including those offered by the Clean Energy Research Center and the Integrated Resource Center, as well as access to the expertise and skills of staff, faculty, students and corporate partners.

Fastening and Joining Research Institute (FAJRI): A collaboration between Oakland University, the U.S. Congress, the U.S. Army Tank Automotive Research and Engineering Center (TARDEC), the National Science Foundation and Fiat Chrysler Automobiles, FAJRI is an externally funded, academic, nonprofit research facility that is solely dedicated to exploring fundamental and applied research to develop and disseminate new technology for the fastening and joining of materials such as metals, composites, polymers and biomaterials.

**Center for Robotics and Advanced Automation:** Funded by the National Science Foundation, the Big Three automotive companies and the Department of Defense, the center works on smart control technology with industrial and defense applications,

intelligent robotics, homeland security technology, suspension systems, digital shearography, and global satellite communication technology and systems.

**Eye Research Institute (ERI):** This unique center of ophthalmic research collaborates with the department of ophthalmology at Beaumont Health System on research and provides a joint ophthalmology residency and fellowship program. Since 1968, ERI scientists have received over \$50 million in support from private and federal health agencies.

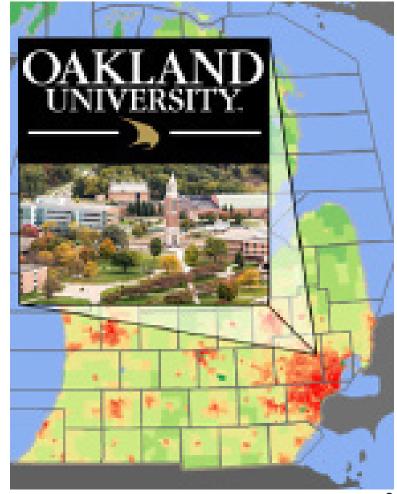
**Center for Biomedical Research:** This center provides core facilities and pilot funding for the applied biomedical research efforts of Oakland University's life scientists. Key research includes eye diseases, chemical toxicology, medical physics and biological communication.

#### **Partnerships**

Oakland has leveraged its unique Auburn Hills/Rochester Hills/Rochester location in the heart of Michigan's technology and automotive corridor by forging strategic partnerships with hospitals, Fortune 500 and international companies, individuals, cities, government agencies and educational institutions located as near as Southeast Michigan and as far as other countries. The benefits of these associations are far-reaching: students are rewarded with internship and co-op opportunities, University researchers have access to the latest technology tools, and the region benefits through new business opportunities and a stronger economy.

Eugene Applebaum College of Pharmacy and Health Sciences: An alliance between Oakland University's School of Health Sciences and Wayne State University (WSU) provides Oakland's undergraduates a unique opportunity to earn a doctorate in pharmacy. Students can earn their bachelor's degree at OU taking pre-pharmacy courses. During their senior year at OU, students take pharmacy classes at WSU. Their senior year at OU is also their first year at WSU, giving students the opportunity to complete a doctoral program in seven years instead of eight, saving time and money.

Wayne State University Law School (Wayne Law): Oakland University's Department of Political Science in the College of Arts and Sciences, and the Bachelor of Integrative Studies Program, have both partnered with Wayne Law to offer undergraduate students the opportunity to obtain two degrees in a shorter time frame. This will allow students from premier and



accredited institutions to obtain degrees at a lower cost. During the fourth (senior) year at Oakland University, students will attend Wayne Law and begin their first two semesters of credits at Wayne Law, transferring back to OU for completion of their bachelor's degree. Students must take the Law School Admission Test and meet all other Wayne Law admission requirements.

Ascension Providence Rochester: Ascension Providence Rochester has funded a \$2 million endowed professorship in Oakland University's School of Nursing that is changing the clinical education and training of nursing students. The nursing professorship conducts patient-focused research on the science and best practices of nursing, an area that has not received much attention to date. Students in the program conduct all of their clinical rotations at Ascension Providence Rochester using the relationship-based care (RBC) model. RBC moves from an individual expert dynamic to one of engaging patients, identifying options, relaying experiences and empowering patients and their families to make the best treatment decisions.

Israel's Max Stern Academic College: Oakland University offers global experiences for students and faculty through a myriad of overseas programs, including a partnership with Max Stern Academic College in Emek Yezreel, Israel. Students and faculty on both campuses will experience different cultures through research opportunities, academic coursework and student life.

**The Pawley Learning Institute:** Established through a gift from Dennis Pawley, an OU alumnus and former chair of the OU Board of Trustees, the Pawley Learning Institute provides instruction and research on concepts and training that improve organizational practices in business, education and public service sectors.

#### **Instructional Technology**

Access to user friendly instructional technology resources in the classroom are a standard expectation of Oakland's faculty and students. All general purpose classrooms and a growing number of conference rooms and labs are equipped with enhanced instructional technology resources.

University classrooms are equipped with the following:

- Multimedia workstation containing: a PC computer hardwired to campus network; a digital document camera; an electronic whiteboard; a DVD player; an interface to plug in a user provided laptop computer or mobile device, an interface to plug in an accessory analog audio/video device; sound system; and an electronic control system for managing the room's systems and components.
- Ceiling mounted video/data projection system connected to the multimedia



workstation.

- Wireless network access.
- A lecture capture system (Panopto) is also available to record classroom instruction and post recordings online for student review.
- Room microphones and video cameras are also either currently installed or available on an as-needed basis.

Oakland provides course offerings via distance education. The three modes of delivery include live two-way interactive video between two or more sites, synchronous web-based instruction to individual students, and asynchronous web-based online learning. The Internet is the current transmission vehicle for the University's distance education course offerings.

Software based video collaboration tools such as Zoom, YuJa, and Google Meet are also available for the University community to conduct business at a distance. These types of technologies save time and money by providing a communications tool that allows for the sharing of voice, video and content between two or more computers or mobile devices. The growth in web-based learning and communications models will continue to expand in the foreseeable future.

Oakland University uses Moodle for their web-based Learning Management System (LMS). Moodle can be used as a full web-based solution where no face-to-face meetings are required, or as a web-supplemented course resource that enhances the standard face-to-face classroom contact between faculty and students. Moodle offers online activities such as discussion boards, chat rooms, quizzes, assignments, grade book, file storage, journals, workshops, and lessons. Moodle is also the portal to access lecture capture and video conference recordings.

Another separate server is set up with Moodle, called ePortfolio, which offers digital space for student, faculty, and staff portfolios. That same server also has a copy of Moodle called eSpace, which contains department assessment activities, research, academic committees, advising, and other miscellaneous academic activities.

Oakland is also utilizing 3D spaces and virtual reality as a teaching tool. The e-LIS Virtual Reality Lab allows faculty to use virtual reality in innovative ways for an immersive learning experience. The multi-headset lab allows for research and programming opportunities for faculty and students.

During the Winter 2021 term, Oakland offered 707 course sections that were fully online to 8,644 distinct students (~53% of total student body). There were 2,357 courses (~77% of all course sections) that provided some level of web-supplemented activity. Oakland also offers 27 online degree and certificate programs. Akindi, i>clicker, and other software are supported centrally for grading exams and processing course evaluations.

#### **Technology Enhancements**

Oakland University is dedicated to enhancing education through the use of contemporary and emerging technologies, and continues

to commit significant resources to technological enhancements, including:

- Complete administrative software suite
- Online registration
- Extensive wired and wireless network to all classroom buildings and surroundings
- Elliott Hall of Business and Information Technology, a 74,000-square foot, technology-rich facility
- The Pawley Hall of Education & Human Services Building with 24 enhanced technology classrooms
- · Interactive television and video conferencing capability to supplement instruction and administrative program activity.
- Online web-based learning management system utilizing Moodle
- · Other teaching and learning software, such as Zoom, YuJa, Panopto, Akindi, Camtasia, i>clicker, and H5P
- A Virtual Reality lab and lightboard in the e-LIS office in Kresge Library
- An Information Commons in Kresge Library with a significant number of computer workstations for the patrons
- A remodeled O'Dowd Hall that has become the home of the Oakland University/William Beaumont School of Medicine, and includes the addition of significant technology enhancements within classrooms and meeting spaces
- Major classroom renovation projects that included significant technology enhancements in older campus buildings continue to be a priority objective
- Nine instructional classrooms that opened during the fall of 2015 after existing space was repurposed and remodeled to include the most current instructional technology resources
- A partnership with the City of Auburn Hills in the collaboration of a University Center, which opened in January of 2014
- A partnership with the Pontiac Public Schools system that created a collaboration center and classroom in downtown Pontiac
- Five general purpose classrooms that in 2017 were converted to active learning classrooms with new furniture that supports group work and collaboration activities, as well as new technology to support Modern Languages courses and lab activity with a focus on audio listening and recording
- A heightened focus on accessibility through:
- faculty development
- the creation of instructional content
- adoption of the Ally tool, which shows faculty how to make Moodle courses accessible
- website updates across campus
- video captioning process development with vendor support
- creation of a Universal Design in Learning (UDL) committee to improve accessibility in multiple ways
- all-digital classroom technology systems within all instructional spaces of the Human Health Building
- · a state-of-the-art Nursing SIM lab
- many technology enhancements within specialty laboratories
- recognition of the Human Health Building as the first Platinum building on a University campus in the State of Michigan
- an Engineering Center that opened in the fall of 2014 with state of the art instructional facilities, labs and resources

#### **Cultural and Performing Arts**

Oakland's contribution to the arts has moved beyond local boundaries to secure a place of prominence in the region. Historically, OU has had a strong performing arts program with record-high enrollment numbers.

The **School of Music, Theatre and Dance** offers more than 140 student and faculty performances throughout the academic year. Guests enjoy everything from musicals and intimate recitals to experimental plays and innovative dance performances. OU has earned a reputation for taking artistic risks, developing gifted artists, nurturing arts partnerships and achieving new heights of quality and professionalism.

**Meadow Brook Hall** is the sixth largest historic house museum in the United States and is renowned for its superb craftsmanship, architectural detailing and grand scale. Built between 1926 and 1929 as the residence of Matilda Dodge Wilson (widow of auto pioneer John Dodge) and her second husband, lumber broker Alfred G. Wilson, the 110-room, 88,000-square-foot, Tudor-revival style mansion is complete with vast collections of original art and furnishings. In 2012, the U.S. Department of the Interior designated the hall a National Historic Landmark, the highest recognition for historic properties in the United States.

For more than 40 years, the **Oakland University Art Gallery** (OUAG), housed in the Department of Art and Art History, has delivered diverse, museum-quality art to Metro Detroit audiences. From September to May, the OUAG presents up to six different exhibitions – from cutting-edge contemporary art to projects exploring historical and global themes. The gallery also offers lectures, performances, tours, special events and more. Nearly 15,000 people

visit OUAG each year.

OU's **Meadow Brook Amphitheatre** hosts today's top concerts including rock, alternative, adult contemporary, pop, country, and rhythm and blues; a wine and food festival; stand-up comedians; and family entertainment.

#### **Community Outreach**

In the more than 10 years since Oakland University initiated a formal partnership with the City of Rochester through the Rochester Downtown Development Authority (DDA), much has been accomplished with new initiatives added over time. The partnership presents many opportunities for the OU community to benefit from joint educational and cultural programming. Areas of emphasis for students, faculty and alumni have included employment, internships, research and development projects, business development



assistance, community service projects, promotions and business discounts, and opportunities to showcase the arts, theatre and music to complement classroom work. The University annually hosts the Rochester Area Chamber of Commerce's Regional Outlook Luncheon and also maintains a support partnership with the Rochester Older Person's Commission. Students, alumni, faculty and staff enjoy discounts at dozens of participating stores and restaurants through the OU GO card. The University also partners with the Rochester Regional Chamber of Commerce for joint programming and assistance.

Oakland proudly partners with its other neighboring communities including Auburn Hills, Pontiac and Rochester Hills. OU and the Pontiac community have a long history together through programs such as GEAR UP (Gaining Early Awareness and Readiness for Undergraduate Programs), which helps students in the Pontiac as well as Oak Park school districts; Project Upward Bound, which helps 120 students each year finish high school and develop the social and cultural skills needed to realize their dreams and succeed in college and society; and through the Wade H. McCree Jr. Incentive Scholarship program, which assures that students who meet specific criteria will be awarded a full-tuition scholarship to Oakland when they graduate from high school.

Since 2014, OU faculty and staff, Pontiac business owners, representatives from non-profit agencies, Pontiac schools, hospitals and the Mayor's office as well as Pontiac residents and enthusiasts have collaborated in a comprehensive community advancement project called the Pontiac Initiative. All told, 74 partner organizations and roughly 500 individuals have embarked on more than two dozen projects focusing on education; civic engagement; business, workforce development and entrepreneurship, health care and wellness; arts and culture; and neighborhoods and non-profits.

Recently, Oakland initiated a laboratory school initiative that places University faculty and education students in Pontiac schools to help institute and maintain instruction best practices in the classroom. The initiative is developed after a highly successful model implemented in a neighboring Auburn Hills school. In addition, Oakland University and Pontiac Schools are also working together to make Parent University a valuable community resource with a program that encourages families to connect to schools and the community, providing resources that help parents become full partners in their child's education.

Oakland University is involved in various community service efforts in Macomb County, including the Let's Move Festival of Races



in downtown Mount Clemens and emergency preparedness education programs. In addition, Oakland University students and staff, including the OU Dance team, Cheer team and the Grizz, participated in the annual Macomb County Santa Parade last year.

In 2022, members of the Oakland University community opened their hearts and their wallets, making generous gifts to the Oakland University Fund Drive. Nearly 1,000 faculty, staff and retirees contributed \$512,100.

#### **Academic and Student Life Enhancements**

All students should have the benefit of academic support services, especially mentoring and small learning communities, aimed at helping them make the necessary academic and social adjustments to achieve collegiate success.

OU's **First Year Advising Center** connects new students with University advisers, peer mentors, graduate assistants, faculty and various support services on campus to provide a more effective student experience, especially during the critical first year.

The award-winning **Oakland University Trustee Academic Success (OUTAS)** scholarship program is a national model for retaining and graduating a diverse group of high-achieving university students. OUTAS was established to counter the declining rates of minority retention, graduation and student performance. In recent years, OUTAS students have graduated at record rates that are as high as 35 percentage points above University averages.

The Writing Center in Kresge Library, established through a leadership gift from OU Professor Emeritus of English Joan Rosen,

assists hundreds of students each year. The Writing Center provides assistance to students to develop and incorporate effective writing and communication skills in all subject areas.

Oakland's **Honors College** offers highly motivated students an intimate, intellectually friendly and challenging atmosphere featuring small classes of 10 to 20 students. They pursue a specially designed core of general education courses in art, literature, western civilization, social science, global perspectives, mathematics, logic, computer science, natural science and technology. The recent opening of the Frances M. Moceri Scholars House will allow high-achieving scholars to also develop leadership qualities including empathy, collaboration and vision through specialized programming. Overall, the Honors College has seen a 411% increase in enrollment over the last 10 years, and more than 50% of Honors College freshmen achieved



a high school GPA above 4.0. The high freshmen GPA in 2022 was 4.53.

OU has more than **300 student organizations** that encourage student involvement and social opportunities.

**University Recreation and Well-Being** (RecWell) has a 24-year history of providing students, faculty, staff and community members with opportunities to develop their minds and bodies through powerful programs such as intramural and club sports, group and individual fitness, and well-being services. These programs are housed in the Recreation Center – a more than 118,000-square-foot facility offering aquatics, fitness, sports, recreation and wellness activities – as well as at the university's Recreation and Athletic Outdoor Complex, the Priority Health Outdoor Fitness Court and the university's disc golf course. In addition, RecWell serves as a liaison with the TreeRunner Adventure Park on campus. Meanwhile, the department is one of the largest employers of students on campus, supporting DEI initiatives and providing experiences that help prepare students for careers beyond college.

In 2016, the Office of Student Success and Experiential Learning Center was developed to embrace the University's mission to "engage students in distinctive educational experiences that connect to the unique and diverse opportunities within and beyond our region." The office supports student retention by helping students make the most of their second academic year, aiding those short on credits, guiding displaced workers through the workforce development system, providing assistance to those falling behind in a course and assisting in an overall effort to help student complete their degree.

Oakland University was the first Division I university in Michigan to formally announce the addition of a varsity esports team to its athletics program. The University also announced a unique partnership with Team Renegades, a professional esports team based at GameTime in Auburn Hills. Esports is short for "electronic sports" and is defined as competitive multiplayer video gaming. While new, and developing at the collegiate level, esports has grown exponentially among amateur and professional gamers around the world.

## OAKLAND UNIVERSITY...

#### **Undergraduate Degree Programs**

#### **College of Arts and Sciences (110)**

#### Bachelor of Arts - CASBA (62)

Dacificioi	01 A13 - OAODA (02)
2810	Anthropology
2815	Anthropology – Modified w/Concentration in Linguistics
1055	Art History
1105	Biology
1230	Chemistry
1609	Chinese Studies
2705	Communication
1420	Creative Writing
1421	Creative Writing, Specialization in Fiction
1425	Creative Writing, Specialization in Memoir and Essay
1422	Creative Writing, Specialization in Poetry
1423	Creative Writing, Specialization in Screenwriting
2875	Criminal Justice
2881	Criminal Justice w/Special in Homeland Security
2880	Criminal Justice w/Special in Information Security and Assurance
2290	Dance
3700	Economics
1405	English
1410	English – Modified w/Concentration in Linguistics
1451	Film
1454	Film Production
1980	French Language and Literature
1985	French – Modified
2015	German w/Concentration in German Studies
2010	German Language and Literature
2020	German – Modified
1096	Graphic Design
1505	History
1045	Independent Major
2510	International Relations
2511	International Relations, Specialization in Foreign Affairs and Diplomacy
2512	International Relations, Specialization in Global Justice and Sustainability
2040	Japanese Language and Literature

2045	Japanese – Modified	
1614	Japanese Studies	
2736	Journalism and Media Studies, Specialization in Broadcasting and Digital Media Practice	
2737	Journalism and Media Studies, Specialization in Journalism	
2738	Journalism and Media Studies, Specialization in Media and Society	
2060	Latin American Language and Civilization	
1625	Latin American Studies	
1705	Linguistics 1710 Linguistics – Modified	
1805	Mathematics	
2205	Music	
2375	Philosophy	
2405	Physics	
2515	Political Science	
2516	Political Science, Specialization in Campaigns and Elections	
2517	Political Science, Specialization in Courts, Justice and Politics	
2871	Professional and Digital Writing	
2605	Psychology	
2615	Psychology – Modified w/Concentration in Linguistics	
2744	Public Relations and Strategic Communication	
2820	Sociology	
2825	Sociology – Modified w/Concentration in Linguistics	
2805	Sociology/Anthropology	
2100	Spanish Language and Literature	
2110	Spanish – Modified	
1070	Studio Art	
2294	Theatre	
2130	Two Modern Languages	
2865	Women and Gender Studies	
Bachelor of Fine Arts – BFA (4)		
2283	Acting	
2290	Dance	
2285	Musical Theatre	
2296	Theatre Design & Technology	
	· · · · · · · · · · · · · · · · · · ·	

Bachelor of Music – BM (10) 2360 Choral/General Music Education

Choral/General Music Education/Performance
Instrumental/General Music Education
Instrumental/General Musical Education Performance
Music – Instrumental Performance
Music – Music Technology
Music - Piano Performance
Music - Piano Pedagogy
Music - Piano Performance w/Special. in Pedagogy
Music – Voice Performance

#### Bachelor of Science - CASBS (14)

1905	Actuarial Science
1835	Applied Statistics
1225	Biochemistry
1105	Biology
1125	Biology - Modified w/Specialization in Anatomy
1120	Biology – Modified w/Specialization in Cell-Molecular Biology
1130	Biology – Modified w/Specialization in Microbiology
1109	Biomedical Sciences
1111	Biomedical Sciences – w/Specialization in Anatomy
1230	Chemistry
1805	Mathematics
2420	Medical Physics
2405	Physics
2530	Public Administration and Public Policy

#### Bachelor of Science - ENVSCI (2)

1257	Environmental Science/Specialization in Environmental Health
1252	Environmental Science/Specialization Sustainability and Res. Mgt.

#### Bachelor of Social Work - BSW (1)

2860 Social Work

#### K-12 Educational Programs (5)

1992	French w/K-12 Certification
2027	German w/K-12 Certification

2047	Japanese w/K-12 Certification
2122	Spanish w/K-12 Certification
1093	Studio Art – w/K-12 Specialization in Graphic Design

#### **Secondary Education Programs (5)**

1432	English Language Arts for Educators, B.A.
2410	Integrated Science, B.A. (Pending Final Approvals)
1827	Mathematic for Educators, B.A.
1827	Mathematics for Educators, B.S.
1519	Social Studies with History for Educators, B.A.

#### **School of Business Administration (16)**

#### **Bachelor of Science - SBABS**

3100	Accounting
3715	Business Actuarial Science
3705	Business Economics
3710	Economics
3200	Finance
3210	Finance w/Special. in Wealth Management
3300	General Management
3400	Human Resource Management
3500	Management Information Systems
3510	Management Information Systems w/Special. in Business Analytics
3520	Management Information Systems w/Special. in Information Security Management
3600	Marketing
3806	Operations Management
3826	Operations Management w/Special. in Lean/Quality Management
3836	Operations Management w/Special. in Project Management
3816	Operations Management w/Special. in Supply Chain Management

#### **School of Education and Human Services (2)**

#### **Bachelor of Science**

4700	Early Childhood Education
4120	Elementary Education
4320	Human Resource Development
20	·

#### **School of Engineering and Computer Science (9)**

#### **Bachelor of Science (6)**

5080	Artificial Intelligence (Pending Final Approvals)
5020	Computer Science
5022	Computer Science w./Special in Artificial Intelligence
5530	Cybersecurity (Pending Final Approvals)
5070	Information Technology
5071	Information Technology w./Special in System Administration

#### **Bachelor of Science in Engineering (7)**

5120	Computer Engineering
5140	Electrical Engineering
5185	Industrial & Systems Engineering
5160	Mechanical Engineering
5164	Mechanical Engineering w./Special. in Automotive Engineering
5162	Mechanical Engineering w./Special. in Manufacturing
5163	Mechanical Engineering w./Special. in Energy

#### **School of Health Sciences (20)**

#### **Bachelor of Science**

Duonición o	1 Goldfied
6070	Applied Health Sciences
6079	Applied Health Sciences, B.S., Specialization in Orthotics and Prosthetics Assistant Studies
6081	Applied Health Sciences, B.S., Specialization in Radiologic Technology Leadership
6185	CDS: Diagnostic Medical Sonography
6177	CDS: Medical Laboratory Science
6173	CDS: Histotechnology
6175	CDS: Nuclear Medical Technology
6178	CDS: Radiologic Technology
6180	CDS: Pre-Clinical Professions
6184	CDS: Pre-Physician Assistant
6082	CDS: Pre-Pharmacy
6171	Clinical and Diagnostic Sciences
6042	Environmental Health and Safety
6241	Exercise Science

6242	Exercise Science: Orthotist and Prosthetist Assistant Studies
6020	Health Sciences
6026	Interdisciplinary Healthcare Studies, B.S.
6053	Nutrition
6054	Nutrition: Dietetics
6052	Wellness and Health Promotion

#### **School of Nursing (3)**

#### **Bachelor of Science in Nursing**

7020	Nursing
7040	Nursing (Completion Sequence)
7050	Accelerated Second Degree

#### **University Programs (1)**

#### **Bachelor of Interdisciplinary Studies**

7615 Interdisciplinary Studies

#### **Bachelor of Science (3)**

(Offered Jointly between the College of Arts and Sciences and School of Engineering and Computer Science)

5051 Bioengineering5040 Engineering Chemistry

5060 Engineering Physics



## **Undergraduate Concentrations and Minors**

Concentra	itions (17)	3200	Finance
2885	Addiction Studies	1981	French Language
1435	American Studies	1980	French Language and Literature
1140	Biology - Secondary Teaching	1990	French - Secondary Teaching
3840	Business	2408	Geology
3801	Business Analytics	2011	German Language
1230	Chemistry	2010	German Language and Literature
1240	Chemistry – Secondary Teaching	2025	German - Secondary Teaching
2889	Child Welfare	2016	German Studies
1956	Chinese Language	1096	Graphic Design
1955	Chinese Language and Civilization	2710	Health Communication
1960	Chinese - Secondary Teaching	1505	History
1609	Chinese Studies	1515	History - Secondary Teaching
2841	Christianity Studies	6025	Holistic Health
2705	Communication	4320	Human Resource Development
2712	Communication, Advocacy and Social Justice	3400	Human Resources Management
2718	Communication and Deaf Studies	3521	Information Security Management
6056	Community Health Engagement	5070	Information Technology
5021	Computing	2708	Interactive and Social Media
5020	Computer Science	3302	International Management
1420	Creative Writing	5300	International Orientation
2875	Criminal Justice	2510	International Relations
2290	Dance	2842	Islamic Studies
2750	Digital Media Production	2030	Italian Language
3700	Economics	2037	Japanese Language
3702	Economics - Secondary Teaching	2047	Japanese - Secondary Teaching
4351	Employment Systems and Standards	1614	Japanese Studies
1405	English	2350	Jazz Studies
1430	English - Secondary Teaching	2735	Journalism
3850	Entrepreneurship	2843	Judaic Studies
6042	Environmental Health and Safety	1625	Latin American Studies
1266	Environmental Science	4360	Lean Leadership
6240	Exercise Science	2864	LGBTQ Studies
1451	Film	1705	Linguistics
		3500	Management Information Systems

3600	Marketing	6052	Wellness and Health Promotion
1805	Mathematics	2865	Women and Gender Studies
1825	Mathematics – Secondary Teaching	2872	Writing
1635	Middle Eastern Studies	2355	World Music
2205	Music		
2206	Music, Liberal Arts		
2251	Music Technology		
2252	Music Technology, Liberal Arts		
2351	Music Theory		
6055	Nutrition and Health		
3806	Operations Management		
2709	Organizational Communication		
6247	Orthotist and Prosthetist Assistant Studies		
2375	Philosophy		
2378	Philosophy of Cognitive Science		
2405	Physics		
2430	Physics – Secondary Teaching		
2515	Political Science		
2520	Political Science - Secondary Teaching		
2605	Psychology		
2530	Public Administration and Public Policy		
2742	Public Relations		
2707	Relational Communication		
1631	Russian and East European Studies		
2820	Sociology		
1620	South Asian Studies		
2101	Spanish Language		
2100	Spanish Language and Literature		
2120	Spanish - Secondary Teaching		
1715	Speech Language Pathology		
1070	Studio Art		
1722	Teaching English to Speakers of Other Languages		
1726	Teaching English to Speakers of Other Languages		
2294	Theatre		
1147	Three Science		
4900	Training and Development		
114	Two Science		
24 1144	Urban Agriculture and Agroecology		
24	· · · · · · · · · · · · · · · · · · ·		

## **Graduate Degree Programs (152)**

	College Arts and Sciences	2605	Master of Science in Psychology
1116	PhD in Biological and Biomedical Sciences	2861	Master of Social Work - Traditional
1350	PhD in Biomedical Sciences: Health & Environmental Chemistry	2861	Master of Social Work - Advanced
1900	PhD in Applied Mathematical Sciences	1107	Graduate Certificate in Biomedical Sciences
2305	PhD in Music Education	1720	Graduate Certificate in Teaching ESL
2480	PhD in Applied and Computational Physics	1725	Graduate Certificate in K12 Teaching English Second
2490	PhD in Biomedical Sciences: Medical Physics		Language
2605	PhD in Psychology	1880	Graduate Certificate in Statistical Methods
	,	2311	Graduate Certificate in Vocal Pedagogy
1105	Master of Arts in Biology	2326	Graduate Certificate in Piano Performance
1405	Master of Arts in English	2336	Graduate Certificate in Conducting
1505	Master of Arts in History	2346	Graduate Certificate in Instrumental Performance
1705	Master of Arts in Linguistics	2570	Graduate Certificate in Court Administration
1805	Master of Arts in Mathematics	2571	Graduate Certificate in Health Care Administration
2705	Master of Arts in Communication	2572	Graduate Certificate in Nonprofit Organization & Mgmt.
1700	Master of Arts in Liberal Studies	2573	Graduate Certificate in Local Government Management
1700	Master of Arts III Liberal Studies	2574	Graduate Certificate in Criminal Justice Leadership
2305	Master of Music in Music Education	2706	Graduate Certificate in Communication for
2310	Master of Music in Vocal Pedagogy		Organizations
2315	Master of Music in Vocal Performance		
2320	Master of Music in Piano Pedagogy		School of Business Administration
2325	Master of Music in Piano Performance		
2335	Master of Music in Conducting	3100	Master of Accounting Masters
2345	Master of Music in Instrumental Performance		J
2356	Master of Music in World Percussion Performance	3900	Master of Business Administration
		3901	Master of Business Administration .Executive
2560	Master of Public Administration		
		3803	Master of Science in Business Analytics
1105	Master of Science in Biology		,,,,,,,
1230	Master of Science in Chemistry	3550	Master of Science in Information Technology
1835	Master of Science in Applied Statistics		Management Masters
1860	Master of Science in Industrial Applied Mathematics	3202	Graduate Certificate in Finance
2405	Master of Science in Physics	3205	Graduate Certificate in Fin Tech
	,		25

3318 3402 3553	Graduate Certificate in Business Leadership Graduate Certificate in Human Resources Management Graduate Certificate in Information Security Management	<ul> <li>4220 Master of Arts in Teaching - Secondary Education</li> <li>4221 4823 Master of Arts in Teaching - Secondary Education with concentration SLD</li> <li>4222 4822 Master of Arts in Teaching - Secondary Education with concentration El</li> </ul>
3602 3801 3910	Graduate Certificate in Marketing Graduate Certificate in Business Analytics Graduate Certificate in Business Essentials	4500 Master of Arts in Teaching - Reading and Language Arts
0010	Gradato Cortinoato III Daoinioso Escontiale	4610 Master of Education in Educational Leadership
3101	Post-Masters Graduate Certificate in Accounting	4615 Master of Education in Teacher Leadership
3301	Post-Masters Graduate Certificate in General	4668 Master of Education in Higher Education Leadership
	Management	4700 Master of Education in Early Childhood
3306	Post-Masters Graduate Certificate in International	4800 4816 Master of Education in Special Education -
	Business	concentration Applied Behavior Analysis
3501	Post-Masters Graduate Certificate in Management Information Systems	4800 4822 Master of Education in Special Education - concentration Emotional Impairment
3706	Post-Masters Graduate Certificate in Business	4800 4820 Master of Education in Special Education -
	Economics	concentration Autism Spectrum
3807	Post-Masters Graduate Certificate in Production	4800 4823 Master of Education in Special Education -
	Operations Mgt	concentration Specific Learning Disability 4656 Master of Organizational Leadership
3851	Post-Masters Graduate Certificate in Entrepreneurship	<ul><li>4656 Master of Organizational Leadership</li><li>4365 Graduate Certificate in Lean Leadership</li></ul>
	Cobool of Education and Human Comics	4552 Graduate Certificate in Digital Literacies and Learning
,	School of Education and Human Services	4816 Graduate Certificate in Applied Behavior Analysis -
4941	PhD in Literacy, Culture and Language	comprehensive
4950	PhD in Education: Counseling	4817 Graduate Certificate in Applied Behavior Analysis Basic
4951	PhD in Education: Educational Leadership	4818 Graduate Certificate in ASD for Multiple Disciplines
4952	PhD in Education: Early Childhood Education	4819 Graduate Certificate in Autism Spectrum Disorder - Advanced
4655	Doctoral Professional Doctor of Education in Organizational Leadership	4820 Graduate Certificate in Autism Spectrum Disorder - Basic
		4821 Graduate Certificate in Emotional Impairment -
4651	Education Specialist in Leadership	Advanced
	·	4822 Graduate Certificate in Emotional Impairment - Basic
4400	Master of Arts in Counseling	4823 Graduate Certificate in Specific Learning Disabilities -
4405	Master of Arts in Clinical Mental Health Counseling	Basic
	Ç	4824 Graduate Certificate in Specific Learning Disabilities -
4120 26	Master of Arts in Teaching - Elementary Education	Advanced

4905	Graduate Certificate in Human Diversity, Inclusion and	6228	Graduate Certificate in Oncology Rehabilitation
	Social Justice	6230	Graduate Certificate in Orthopedic Manual Physical
4560	Post - Masters Graduate Certificate in Reading,		Therapy
	Language Arts and Literature	6232	Graduate Certificate in Orthopedics
4661	Post - Masters Graduate Certificate in Central Office Administration	6234	Graduate Certificate in Teaching & Learning for Rehab Professionals
4670	Post - Masters Graduate Certificate in Higher Education	6241	Graduate Certificate in Exercise Science
4070	Fost - Masters Graduate Certificate III Higher Education	6245	Graduate Certificate in Clinical Exercise Science
•	School of Engineering and Computer Science	6246	Graduate Certificate in Corporate and Worksite
	School of Engineering and Computer Science	0240	Wellness
5030	PhD in Computer Science and Informatics	6310	Graduate Certificate in Health Equity
5160	PhD in Mechanical Engineering	6315	Graduate Certificate in Global Population Health
5180	PhD in Systems Engineering		Services
5540	PhD in Electrical and Computer Engineering	6320	Graduate Certificate in Epidemiological Research
5020	Master of Science in Computer Science		School of Nursing
5160	Master of Science in Mechanical Engineering		<b>3</b>
5180	Master of Science in Systems Engineering	7450	PhD In Nursing
5185	Master of Science in Industrial & Systems Engineering	7400	Doctor of Nursing Practice - Post Master
5530	Master of Science in Cyber Security	7401 72	<u> </u>
5540	Master of Science in Electrical and Computer		Anesthesia
	Engineering	7268	Master of Science in Nursing - Clinical Nurse Leader -
5546	Master of Science in Mechatronic System Engineering		AR
5560	Master of Science in Engineering Management	7270 71	50 Master of Science in Nursing - Adult Gerontological
5590	5591 Master of Science in Software Engineering and Info		Care Nurse Practitioner Conc. Acute Care
	Technology	7270 71	00 Master of Science in Nursing - Adult Gerontological
5620	Master of Science in Embedded Systems		Care Nurse Practitioner Conc - Primary Care
5186	Graduate Certificate in Productivity Improvement	7280 71	00 Master of Science in Nursing - Family Nurse
	, .		Practitioner Conc. Primary Care
	School of Health Sciences	7300	Master of Science in Nursing - Forensic Nursing
		7301	Graduate Certificate in Forensic Nursing
6225	PhD in Human Movement Science	7271 71	50 Post-Masters Certificate in Adult Gerontological
6220	Doctor of Physical Therapy Doctoral Professional		Nurse Practitioner Conc. Acute Care
6280	Master in Physician Assistant Science Masters	7271 71	00 Post-Masters Certificate in Adult Gerontological
6300	Master of Public Health Masters		Nurse Practitioner Conc Primary Care
6045	Master of Science in Safety Management	7281 71	00 Post-Masters Certificate in Family Nurse Practitioner
6240	Master of Science in Exercise Science		Conc. Primary Care

#### **Staffing and Enrollment**

#### Figure 1

#### Faculty and Staff FTE by Program – FY 2021-22

945.14

**Total Institutional** 

189.59

INSTRUCTIONAL PROGRAMS	FACULTY	STAFF
Area, ethnic, cultural, gender, and group studies	8.20	0.85
Communication, journalism, and related programs	38.49	0.00
Computer and information sciences and support services	34.61	6.59
Education	87.65	27.91
Engineering	61.90	25.59
Foreign languages, literatures, and linguistics	47.62	2.95
English language and literature/letters	71.62	6.82
Liberal arts and sciences, general studies and humanities	10.14	4.88
Library science	1.00	0.00
Biological and biomedical sciences	56.61	16.89
Mathematics and statistics	46.07	9.25
Multi/interdisciplinary studies	8.85	0.00
Parks, recreation, leisure, fitness, and kinesiology	20.17	0.85
Philosophy and religious studies	39.43	19.13
Physical sciences	34.66	3.18
Psychology	7.98	0.00
Homeland security, law enforcement, firefighting and related protective services	14.34	0.00
Public administration and social service professions	49.68	7.48
Social sciences	96.96	20.98
Visual and performing arts	15.11	0.00
Health professions and related programs	40.87	21.50
Medicine	4.22	0.00
Public health	50.71	2.88
Registered nursing, nursing administration, nursing research and clinical nursing	29.23	15.85
Health professions and related clinical sciences, other	94.81	8.04
Business, management, marketing, and related support services	16.64	2.09
History	987.57	203.71

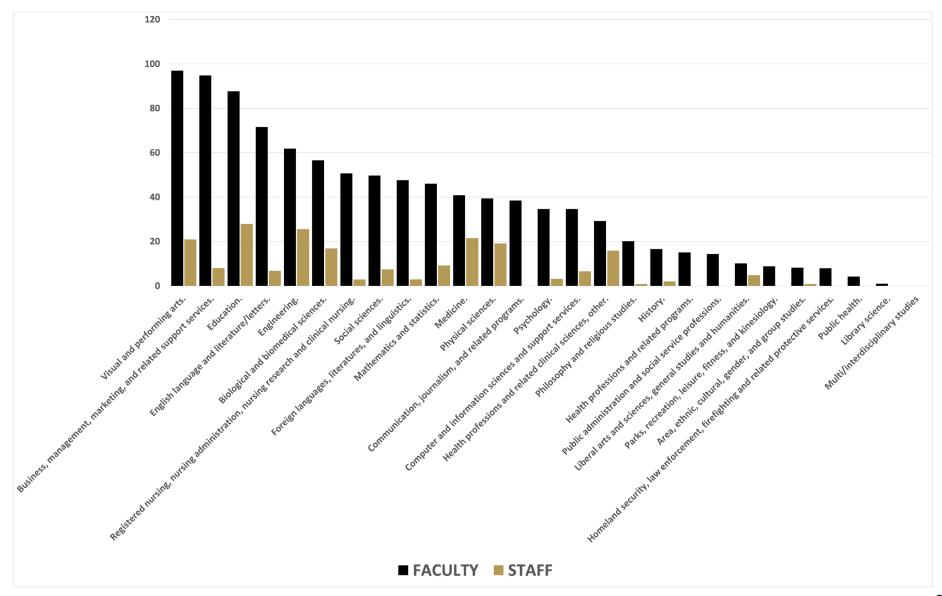
NON-INSTRUCTIONAL PROGRAMS	STAFF
Research	18.04
Public Support	4.16
Academic Support	423.69
Student Services	248.84
Institutional Support	210.81
Plant Ops & Maint	121.9
Auxiliary Enterprises	57.32

**Total FTE** 1084.76

#### **Staffing and Enrollment**

Figure 1

Faculty and Staff FTE by Program – FY 2021-22



#### Student Credit Hours

Figure 2

#### 2022-23 Student Credit Hours by Program and Level

Area	Lower	Upper	Masters	Doctoral	Total
Area Studies	2877	784			3661
Communication	8376	5094	136		13606
Computer Science	6120	8283	2462	319	17184
Education	1990	11837	9036	2847	25710
Engineering	7865	10639	4560	1005	24069
Modern Languages	10852	2068	36		12956
English	22815	6640	168		29623
Liberal Arts	80	1176	34		1290
Library Science	52				52
Biology	18775	12340	1466	190	32771
Math	22522	578	996	106	24202
Multi/Interdisciplin. Sciences					0
Parks, Recreation & Fitness					0
Philosophy	9316	584			9900
Physical Sciences	19346	2468	434	274	22522
Psychology	9982	6530	394	132	17038
Criminal Justice	1164	2708			3872
Public Administration	216	3416	3268		6900
Social Science	13588	7572	270		21430
Fine Arts	18405	8485	304	36	27230
Medical Laboratory Sciences	1472	4939	52		6463
Public Health	567	1,865	1,289		3721
Rehabilitative & Therapeutic Professions		98	1144	3853	5095
Nursing	6292	18288	2897	1725	29202
Other Health Professions	2674	4307			6981
Business	8420	29500	7486		45406
History	2856	2020	92		4968

**Totals** 

196,622

152,219

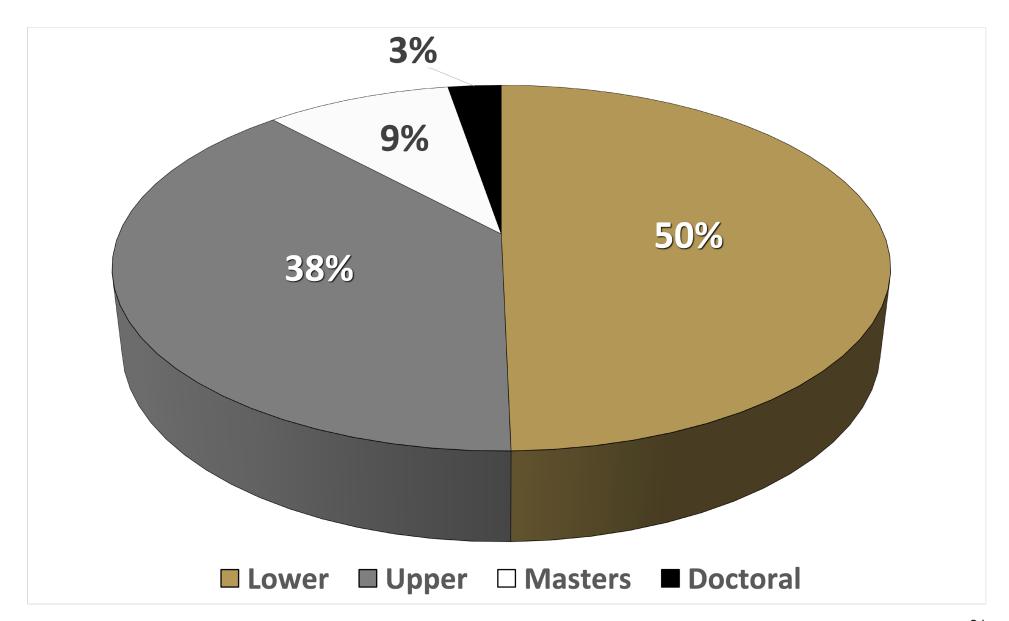
10,487

36,524

395,852

#### **Student Credit Hours**

Figure 2 2022-23 Student Credit Hours by Program and Level



#### **Degrees and Certificates**

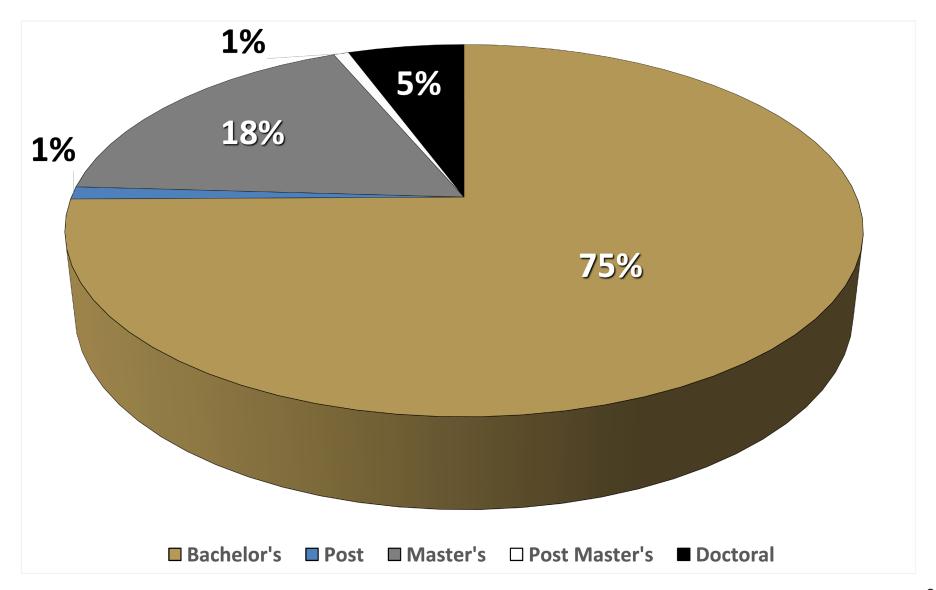
Figure 3

#### **Degrees and Certificates Awarded 2022-23**

	Bachelor's	Post Bachelor's	Master's	Post Master's	Doctoral	Total
Environmental Sciences	37	0	0	0	0	37
Area Studies	3	0	0	0	0	3
Communication	115	0	1	0	0	116
Computer Science	149	0	69	0	0	218
Education	192	3	158	30	44	427
Engineering	280	1	121	0	15	417
Engineering Management	0	0	43	0	0	43
Modern Languages	39	0	1	0	0	40
Legal Studies (CRJ-Courts)	0	0	0	0	0	0
English	69	0	2	0	0	71
Liberal Arts	122	0	2	0	0	124
Biology	154	2	19	0	6	181
Math	8	0	7	0	1	16
Multi-Disciplinary	4	0	0	0	0	4
Parks, Recreation & Fitness	61	0	0	0	0	61
Philosophy	5	0	0	0	0	5
Physical Sciences	9	0	12	0	3	24
Psychology	203	0	11	0	1	215
Criminal Justice (Non-Court)	61	0	0	0	0	61
Public Administration	79	0	50	0	0	129
Social Science	99	0	0	0	0	99
Fine Arts	162	0	11	0	0	173
Nursing	479	0	60	2	28	569
Public Health	19	7	19	0	0	45
Other Health Professions	340	15	54	0	148	557
Business	560	20	141	0	0	721
History	41	0	0	0	0	41
Total	3,290	48	781	32	246	4,397

Figure 3

Degrees and Certificates Awarded 2022-23



#### **Student Enrollment**

Figure 4

#### **Enrollment Trends from Fall 2002 to Fall 2022**

**UNDERGRADUATE** 

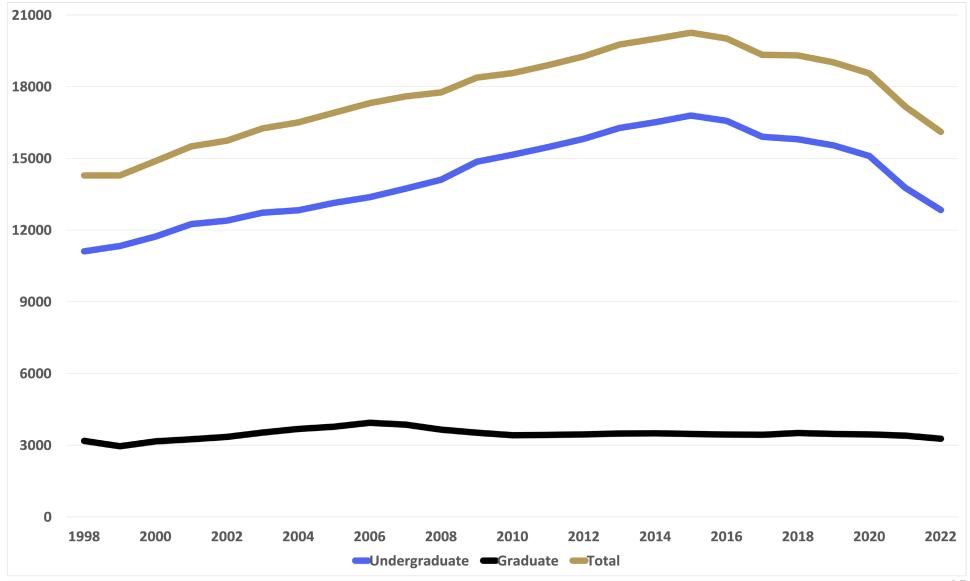
**GRADUATE** 

**TOTAL** 

Fall Term	In-State	Out-State	Total	In-State	Out-State	Total	In-State	Out-State	Total
2002	12,185	208	12,393	3,232	115	3,347	15,417	323	15,740
2003	12,504	223	12,727	3,428	101	3,529	15,932	324	16,256
2004	12,614	211	12,825	3,568	113	3,681	16,182	324	16,506
2005	12,923	212	13,135	3,672	100	3,772	16,595	312	16,907
2006	13,163	210	13,373	3,839	97	3,936	17,002	307	17,309
2007	13,549	182	13,731	3,753	107	3,860	17,302	289	17,591
2008	13,948	158	14,106	3,528	124	3,652	17,476	282	17,758
2009	14,680	181	14,861	3,401	117	3,518	18,081	298	18,379
2010	14,961	189	15,150	3,293	121	3,414	18,254	310	18,564
2011	15,275	198	15,473	3,301	126	3,427	18,576	324	18,900
2012	15,587	229	15,816	3,293	157	3,450	18,880	386	19,266
2013	15,967	305	16,272	3,236	252	3,488	19,203	557	19,760
2014	16,166	343	16,509	3,149	346	3,495	19,315	689	20,004
2015	16,379	414	16,793	3,036	432	3,468	19,415	846	20,261
2016	16,139	429	16,568	2,933	511	3,444	19,072	940	20,012
2017	15,470	431	15,901	2,895	537	3,432	18,365	968	19,333
2018	15,335	464	15,799	2,930	580	3,510	18,265	1,044	19,309
2019	15,089	454	15,543	2,937	533	3,470	18,026	987	19,013
2020	14,666	434	15,100	2,965	487	3,452	17,631	921	18,552
2021	13,338	433	13,771	2,700	699	3,399	16,038	1,132	17,170
2022	12,457	384	12,841	2,737	530	3,267	15,194	914	16,108

#### **Student Enrollment**

Figure 4 Enrollment Trends from Fall 2002 to Fall 2022

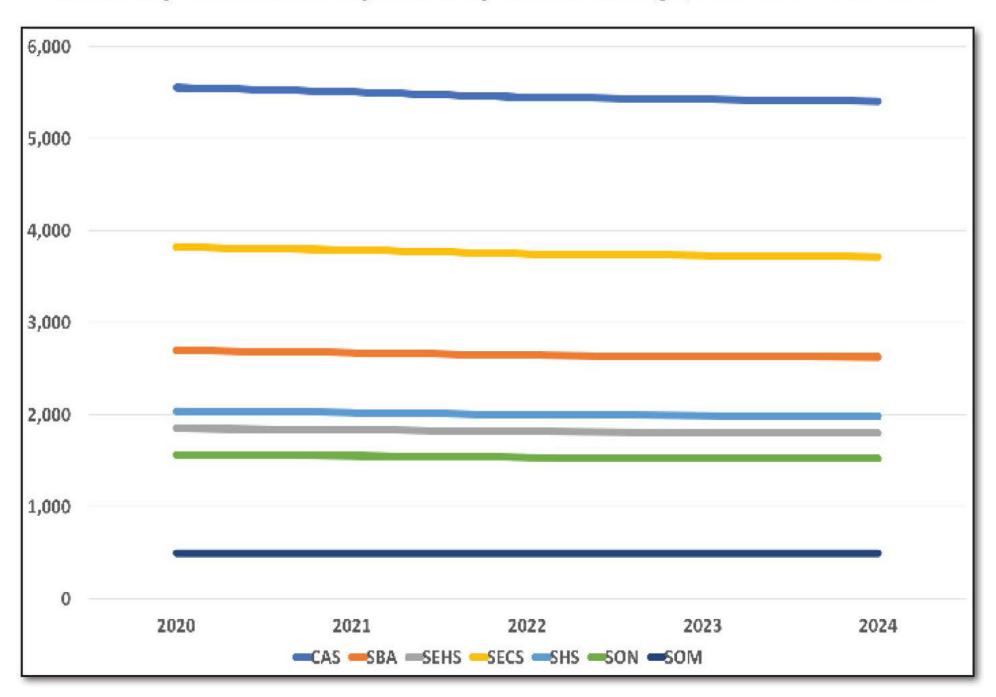


#### FIGURE 5

#### Enrollment Projections by School/College and Level, Fall 2020 - Fall 2024

	Actual		Change			
Undergraduate	2020	2021	2022	2023	2024	
CAS	5,167	5,124	5,070	5,046	5,027	-2.7%
SBA	2,280	2,261	2,238	2,227	2,219	-2.7%
SEHS	949	941	931	927	923	-2.7%
SECS	2,933	2,908	2,878	2,864	2,853	-2.7%
SHS	1,767	1,752	1,734	1,726	1,719	-2.7%
SON	1,316	1,305	1,291	1,285	1,280	-2.7%
University Programs/None	1,082	1,073	1,062	1,057	1,053	-2.7%
Graduate	2020	2021	2022	2023	2024	
CAS	384	381	377	375	373	-2.7%
SBA	414	411	406	405	403	-2.7%
SEHS	898	891	881	877	874	-2.7%
SECS	884	876	867	863	860	-2.7%
SHS	268	266	263	262	261	-2.7%
SON	246	244	241	240	239	-2.7%
SOM	494	494	494	494	494	0.0%
Totals	2020	2021	2022	2023	2024	
CAS	5,551	5,505	5,447	5,421	5,401	-2.7%
SBA	2,695	2,672	2,644	2,632	2,622	-2.7%
SEHS	1,847	1,832	1,813	1,804	1,797	-2.7%
SECS	3,817	3,785	3,745	3,727	3,713	-2.7%
SHS	2,035	2,019	1,997	1,988	1,980	-2.7%
SON	1,562	1,549	1,532	1,525	1,519	-2.7%
Subtotals w/o SOM	18,588	18,434	18,240	18,153	18,086	-2.7%
Grand Total	19082	18928	18734	18647	18580	
Change		-0.81%	-1.02%	-0.47%	-0.36%	

# University Enrollment Projections by School/College, Fall 2020 - Fall 2024

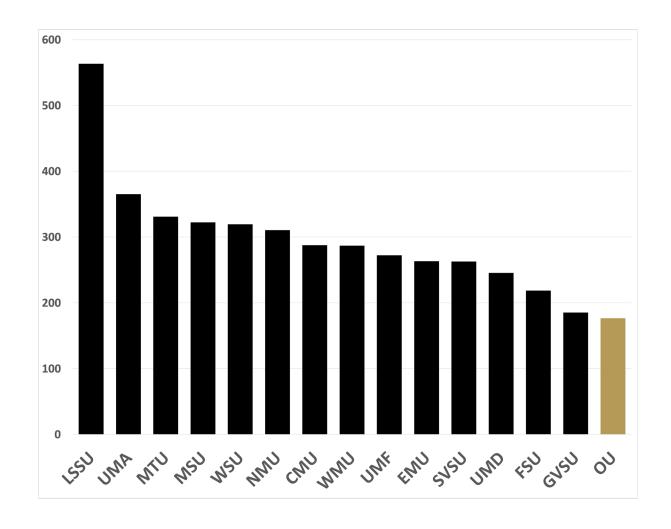


# **Facility Square Footage**

Figure 6

General Fund Square Feet Per Student in Michigan, FY 2021-22

University	Square Feet	Square Footage per/FYES
СМИ	4,025,115	287.65
EMU	3,211,814	263.29
FSU	1,881,668	218.60
GVSU	3,767,250	185.20
LSSU	822,348	563.42
MSU	15,235,396	322.42
MTU	2,191,095	331.03
NMU	1,978,973	310.48
ou	2,690,262	176.65
SVSU	1,703,075	262.73
UM-AA	18,722,063	365.24
UM-D	1,613,457	245.53
UM-F	1,491,362	272.27
WSU	6,896,910	319.49
WMU	4,496,731	286.92
Total	70,727,519	295.77



## **Staffing and Class Size**

## **Future Staffing Needs**

Currently, Oakland University employs 2,358 full- and part-time faculty and staff, as well as 1,456 students and graduate assistants. In addition, there are more than 100 employees of contract service providers for food service, bookstore and custodial services.

## **Average Class Size**

Average class size for undergraduate instruction in Fall 2022 was 24 students. Graduate class size in Fall 2022 was 13.8 and Ph.D. classes averaged 15.2 students. It is important to the institutional character that the size of classes remains small. However, larger classes have been a cost-effective way to absorb growth.



## **Facility Square Footage**

#### **Utilization Rates**

Oakland University has the lowest building square footage per student (Figure 6) among the 15 public universities. A comparison of its enrollment, programmatic mix, doctoral programs and relatively large number of engineering and science programs suggests that the University's space should be closer to the state average. Program by program comparisons to national norms for disciplines indicates that all programs fall short in space. Classroom utilization is high, especially in the evenings due to Oakland's enrollment, which includes a large number of non-traditional students. Demand for evening classes exceeds available facilities.

#### **Mandated Standards**

Mandated standards for animal research are met.

## **Functionality**

The limited amount of specialized program space affects overall space functionality. This is particularly evident in the most impacted areas of Nursing, Health Sciences, and the Performing Arts. Recent facility additions for the sciences, nursing, business and education provide good space for programmatic needs. Most academic programs on the Oakland University campus are offered in the following buildings:

**North Foundation Hall** – Completed in 1959, this is primarily a student services building, but also includes one classroom. The building is receiving a general face lift and significant improvements to the air distribution system.

**South Foundation Hall** - Completed in 1959, this is primarily a classroom building. As one of the oldest buildings on campus, it hosts the core classrooms for incoming students. Since the building was constructed, emphasis has been placed upon the institution's function rather than form, making academics and growth the main focus of the building, which has remained predominantly classroom-based. To help Oakland University continue to enhance the its student success initiative, the state has approved capital outlay funding to support renovation of South Foundation Hall. Work will result in new state-of-the-art classrooms and a collaborative environment that integrates innovative learning space. This will gradually build a sense of timelessness that links generations of the campus community and is associated with the campus' quality and highly valued physical environment.

Science Complex - The Science Complex includes the original Hannah Hall of Science facility, which was built in 1961 and is now the west wing of the complex, along with two additions. Dodge Hall of Engineering was built in 1968 and is now the east wing. The

Mathematics and Science Center was built in 1997 and is now the south wing. In sum, the complex is home to biology, science, health science, and engineering laboratories; classrooms; faculty offices, an administrative and academic computing center and OU's Eye Research Institute.

**Kresge Library** – Completed in 1961 with additions in 1989. This is the central library for the institution.

**Wilson Hall** - Completed in 1967, houses the departments of Art and Art History, and Communications and Journalism. It also houses Meadow Brook Theatre and administrative offices.

**Varner Hall** - Completed in 1970, houses the departments of Music, Theatre and Dance (MTD), History, Political Science, and Sociology/Anthropology. The facilities for MTD are inadequate to meet the needs of their growing programs.

**O'Dowd Hall** - Completed in 1982, this building houses the Graduate Office, the Registrar, the Departments of English, Writing and Rhetoric, Modern Languages and Literatures, Linguistics, Philosophy, and a number of general purpose classrooms. It is also home to the Oakland University William Beaumont School of Medicine.

**Elliott Hall** - Completed in 2000, houses the School of Business Administration and Information Technology.

**Pawley Hall** - Completed in 2002, houses the School of Education and Human Services, as well as the Lowry Child Development Center.

**Human Health Building** – Completed in Fall, 2012, this 172,825 square foot building houses the School of Health Sciences and the School of Nursing. Collectively, this new enterprise is part of Oakland University's vision of better preparing today's health care students by creating an innovative partnership in one structure. With this building, growth in undergraduate and graduate enrollment is responsive to vital shortages in nursing and heavy demand for health science professionals.

**Engineering Center (EC)** - Completed in Fall, 2014, this building is designed to provide high quality twenty first century instructional and research facilities for all engineering and computer science programs that are vital to the revival of the economy of Southeast Michigan as well as the State of Michigan in general. This includes supporting the global competitiveness of the US alternative energy, health care and biomedical, automotive, defense, and other high-tech industries. The EC added 128,000 square feet for the School of Engineering and Computer Science (SECS), as well as 13,500 square feet of assignable general purpose classroom space to support the growth of the overall student population.

Although academic programs are offered in other facilities and there are a number of other service buildings and auxiliary buildings, the above are the major academic facilities. The average age of buildings on the main campus is 30 years old. In general, buildings are in fair condition. Oakland University maintains a comprehensive list of plant renewal and deferred plant renewal projects, which is updated annually.

## **Replacement Value of Facilities**

The replacement value of Oakland University's 4.2 million square feet, including Meadow Brook Hall is estimated at \$1.5 billion.

#### **Utility Systems Condition**

The utility systems in facilities (i.e., heating, ventilation, air conditioning (HVAC), water, sewage, gas and electrical) are in varying degrees of condition, depending on facility age. All are fully functional, with those in the 30- to 40- year age and beyond group needing upgrades to increase efficiency and effectiveness of operation. The storm water system for some of the facilities surpassed capacity due to unusual 100-year storms and need attention in coming years. The existing water/sewage infrastructure is adequate to serve the projected programming needs for the next 10 years. An upgrade to the electrical substation was completed in 2003, which included cabling, switchgear, and a new substation. This upgrade will meet projected electrical needs for at least 15 years however capacity of the cabling needs to be evaluated as the campus grows in the future.



Additional upgrades to infrastructure throughout campus will be required as campus facilities age and enrollment grows.

Many of the older facilities lack fire suppression systems and would be in consideration to update the facilities per current Codes during major renovation projects.

Due to the age of OU's infrastructure, replacement/upgrade is needed for the underground HTHW lines and HTHW in tunnel. A new HTHW line needs to be installed to complete the south loop from the new Engineering Center to Varner Hall, IT cabling with Voice over IP capabilities, and the infrastructure (HVAC, plumbing and electrical) in the academic buildings (Dodge Hall of Engineering, South Foundation Hall, Hannah Hall of Science, Varner Hall).

#### **Facility Infrastructure Condition**

The pavement/sidewalks/structural infrastructure is generally in fair condition. Funds are allocated annually to pavement/sidewalk repair to restore the most deteriorated portions.

Major campus projects included in the next 5-year plan the replacement of old air-handling units, HTHW system upgrade, storm water management, and an upgraded VOIP communication network. A service contract has been in place to maintain new micro-turbines in the new Engineering Center and to maintain the new cogeneration plant in CHP. Oakland budgets \$2.25 million for non-rou-

tine maintenance in its current fiscal year from the general fund, endowment distribution, and auxiliary operation reserves.

#### Land

Oakland University's campus includes 1,443 acres. The main campus is approximately 350 acres. The remaining campus includes several major developments (a faculty/ staff subdivision, the National Register Meadow Brook Estate, two golf courses), a large amount of wetland, and significant undeveloped acreage. The Campus Master Plan, approved by the Board of Trustees in June 2016, has identified future uses for much of the undeveloped property.



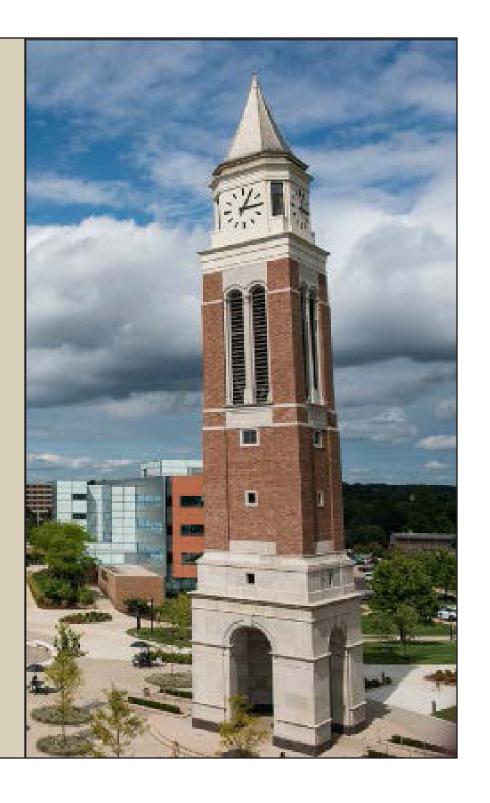
## **Buildings Obligated to the State Building Authority**

# The following buildings/portions of buildings are bonded through State bonds:

Mathematics and Science Center lease expiration in 2032
Elliott Hall lease expiration in 2036
Pawley Hall lease expiration in 2037
Human Health Building lease expiration in 2048
Engineering Center lease expiration in 2050

#### The following facilities are bonded through the University:

Golf course final payment in 2023 Recreation and Athletic Center final payment in 2026 Ann V. Nicholson Apartments final payment in 2031 **Electrical Power Upgrade** final payment in 2031 Parking Structure final payment in 2031 Oakland Center Expansion - 2003 final payment in 2031 Human Health Building final payment in 2039 **Engineering Center** final payment in 2042 Oak View Hall final payment in 2043 Extension of Library Drive final payment in 2043 **Facilities Management Building** final payment in 2043 Parking Structure #2 final payment in 2043 **Upper Playing Fields** final payment in 2043 Oakland Center Expansion - 2018 final payment in 2047 Hillcrest Hall final payment in 2047



### **Classroom Utilization Reports**

#### **Classroom Utilization Definitions**

Square Feet Assignable Square Feet

Seats Number of Seats or Stations in Room

WRH Number of Hours per Week Room was Scheduled

WRH% WRH / Available Hour per Week

Station Occupancy % of Seats Used When Room was in Use

#### **Classroom Summary**

Number of Classrooms 123
Total Square Feet 125,759
Total Number of Seats 7,194

Average Classroom Size 1,022 square feet

Average Seats per Room 58

## **Classroom Utilization Summary by Time Frame**

			Fall 2017			Winter 2018		
Time Frame	Available Room Hours	Average WRH	% of Available Hours	Station Occupancy %	Average WRH	% of Available Hours	Station Occupancy %	
All Day – 8 a.m. to 10 p.m.	75	44.1	59%	56%	40.4	54%	56%	
Daytime – 8 a.m. to 5 p.m.	45	32.9	73%	58%	29.6	66%	58%	
Prime Time – 10 a.m 3 p.m.	25	20.8	83%	58%	19.2	77%	58%	
Off Peak – 8-10 a.m.; 3-5 p.m.	20	12.0	60%	57%	10.4	52%	58%	
Evening – 5-10 p.m.	25	11.19	45%	50%	10.8	43%	51%	
Saturday (1)	9	4.6	52%	31%	5.3	59%	33%	

<sup>(1) 12</sup> rooms scheduled at least one week during fall term and 11 rooms scheduled for at least one week winter term. Average WRH is based on rooms scheduled only.

## Report 1: All Day Utilization – Fall 2017

- All Day Utilization 8 a.m.-10 p.m.; Monday-Friday
- 75 Available Hours per Week

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
DH	127	1,741	92	39.2	52.3%	74.1%
DH	135	947	48	44.0	58.6%	74.3%
DH	136B	470	21	36.0	48.0%	60.8%
DH	200	1,126	95	45.4	60.6%	69.5%
DH	201	3,004	314	47.1	62.7%	50.8%
DH	202	702	52	42.9	57.2%	63.0%
DH	203	990	70	35.8	47.7%	73.6%
DH	204	374	30	47.7	63.6%	61.0%
DH	236	394	30	41.5	55.4%	52.3%
DH	237	389	24	44.0	58.7%	75.4%
EC	116	3,373	200	43.4	57.9%	59.6%
EC	254	2,035	100	41.3	55.1%	63.7%
EC	275	1,333	50	50.7	67.5%	67.0%
EC	279	1,329	50	34.9	46.5%	75.7%
EC	281	1,350	50	50.5	67.3%	65.7%
EH	204	541	30	49.1	65.5%	57.5%
EH	206	523	30	51.1	68.1%	60.6%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
EH	208	686	40	43.5	58.0%	64.2%
EH	210	683	40	46.6	62.2%	61.4%
EH	212	696	40	44.9	59.8%	73.4%
EH	214	902	48	45.1	60.2%	71.0%
EH	235	1,021	40	48.3	64.4%	66.0%
EH	237	1,026	40	56.8	75.7%	56.9%
EH	239	1,018	40	47.1	62.7%	60.9%
EH	242	1,561	60	33.2	44.2%	72.6%
НН	113	921	24	46.0	61.3%	68.2%
нн	123	777	36	53.2	71.0%	62.5%
нн	190	2,131	187	54.4	72.6%	61.3%
нн	195	2,068	187	37.0	49.4%	60.0%
нн	220	548	40	48.2	64.3%	46.7%
нн	225	422	30	39.5	52.7%	55.2%
НН	233	1,348	60	51.4	68.6%	64.6%
ннв	1005	1,828	80	40.6	54.2%	54.2%
ННВ	1006	1,563	50	49.3	65.7%	61.2%
ННВ	1031	729	25	39.5	52.7%	58.2%
ННВ	1050	4,384	200	27.3	36.4%	53.4%
ННВ	2023	1,442	50	46.7	62.3%	42.2%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
ннв	2085	1,213	55	40.3	53.7%	36.8%
ннв	2086	1,307	60	45.7	60.9%	57.3%
ннв	4043	1,938	80	36.8	49.0%	69.6%
ннв	4050	2,695	112	41.0	54.7%	50.1%
ннв	5036	1,208	50	46.6	62.1%	64.5%
ннв	5037	1,967	80	34.7	46.3%	47.0%
ннв	5045	2,730	112	42.1	56.1%	62.0%
MSC	102	1,170	48	44.6	59.5%	35.5%
MSC	104	1,117	48	46.4	61.8%	55.4%
MSC	120	1,560	72	45.5	60.7%	68.1%
MSC	124	1,839	84	45.2	60.2%	62.7%
MSC	130	624	42	45.2	60.3%	53.9%
MSC	164	1,129	70	48.1	64.1%	70.2%
MSC	168	1,129	70	49.3	65.7%	53.8%
MSC	172	1,129	70	48.3	64.4%	70.7%
MSC	185	828	50	52.0	69.4%	66.9%
MSC	187	542	36	52.0	69.3%	59.2%
MSC	364	422	26	41.0	54.7%	76.6%
MSC	372	961	50	43.5	57.9%	55.7%
MSC	376	613	28	40.0	53.3%	64.3%
MSC	378	613	30	42.2	56.2%	57.6%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
MSC	384	653	44	46.6	62.2%	50.2%
MSC	386	606	40	56.0	74.7%	68.9%
MSC	388	605	30	44.0	58.7%	48.2%
MSC	93	574	35	38.0	50.7%	42.0%
NFH	156	1,757	157	37.7	50.3%	57.2%
	,					
ODH	202A	1,344	83	42.2	56.3%	51.5%
ODH	202B	1,848	111	33.2	44.3%	81.2%
ODH	202C	1,394	83	39.1	52.1%	55.3%
PH	302	1,660	72	46.6	62.2%	37.9%
PH	306	910	48	50.2	66.9%	43.4%
РН	307	938	49	44.3	59.1%	50.2%
PH	308	910	48	42.7	56.9%	45.5%
PH	309	930	49	42.3	56.4%	55.7%
PH	310	732	36	50.6	67.5%	50.4%
PH	312	738	36	47.1	62.8%	54.8%
PH	314	916	48	50.2	66.9%	51.2%
PH	316	918	48	53.8	71.7%	44.1%
PH	318	910	48	39.4	52.5%	35.9%
PH	320	735	36	43.1	57.5%	62.5%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	163	985	65	51.1	68.1%	57.2%
SFH	164	667	30	39.0	52.1%	48.3%
SFH	165	992	63	56.0	74.7%	77.8%
SFH	166	667	30	56.0	74.7%	48.1%
SFH	167	667	48	53.1	70.8%	49.9%
SFH	168	667	30	45.8	61.0%	49.9%
SFH	169	667	40	45.5	60.7%	60.8%
SFH	170	667	48	54.2	72.3%	51.3%
SFH	171	667	30	46.8	62.3%	32.4%
SFH	172	667	48	42.6	56.9%	51.3%
SFH	173	667	48	47.1	62.8%	34.8%
SFH	174	667	48	53.7	71.6%	40.2%
SFH	176	732	48	45.4	60.5%	42.4%
SFH	263	991	65	43.5	58.1%	66.4%
SFH	265	446	25	34.2	45.6%	46.0%
SFH	266	688	48	49.7	66.3%	42.6%
SFH	268	668	48	46.2	61.6%	45.1%
SFH	269	688	48	48.9	65.2%	47.2%
SFH	270	688	48	33.6	44.9%	41.6%
SFH	271	668	48	49.7	66.3%	42.7%
SFH	272	668	48	41.6	55.4%	38.2%
SFH	273	668	48	40.6	54.1%	45.7%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	274	668	48	33.0	44.0%	49.5%
SFH	276	733	48	17.5	23.4%	47.7%
SFH	363	896	70	40.0	53.3%	78.1%
SFH	364	668	48	50.8	67.7%	23.2%
SFH	365	992	75	43.1	57.5%	45.0%
SFH	366	668	36	49.8	66.5%	28.4%
SFH	367	668	48	35.5	47.3%	37.8%
SFH	368	668	48	39.6	52.8%	57.4%
SFH	369	668	48	42.3	56.3%	44.1%
SFH	370	688	48	37.3	49.7%	56.0%
SFH	371	668	38	49.4	65.9%	33.3%
SFH	372	668	48	36.8	49.1%	54.2%
SFH	373	668	48	40.2	53.6%	58.0%
SFH	374	668	48	33.8	45.1%	43.4%
SFH	376	732	50	53.7	71.6%	41.9%
VAR	205	1,151	85	50.6	67.5%	46.9%
VAR	206	1,184	85	44.2	58.9%	37.0%
VAR	479	998	30	50.2	66.9%	67.5%
WH	102	870	60	45.2	60.3%	58.5%
WH	105	856	60	38.6	51.5%	59.8%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
WH	124	1,062	85	39.5	52.7%	58.1%
WH	301	306	16	39.5	52.7%	65.3%
WH	313	500	30	46.6	62.1%	54.6%
WH	416	372	15	16.0	21.3%	51.7%
Totals	123	125,759	7,194	5,419		
Averages		1,022	58	44.1	58.7%	55.9%





**DODGE HALL** 

# Report 2: Daytime Utilization - Fall 2017

- Daytime Utilization 8 a.m.-5 p.m.; Monday-Friday
- 45 Available Hours per Week

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
DH	127	1,741	92	25.1	55.8%	83.1%
DH	135	947	48	35.2	78.1%	81.7%
DH	136B	470	21	32.0	71.1%	64.3%
DH	200	1,126	95	36.9	81.9%	74.7%
DH	201	3,004	314	40.8	90.7%	54.5%
DH	202	702	52	34.7	77.0%	65.3%
DH	203	990	70	27.7	61.6%	74.6%
DH	204	374	30	33.0	73.3%	74.1%
DH	236	394	30	33.5	74.6%	54.8%
DH	237	389	24	36.0	80.0%	83.8%
EC	116	3,373	200	37.4	83.2%	61.2%
EC	254	2,035	100	32.3	71.7%	65.8%
EC	275	1,333	50	32.7	72.6%	69.5%
EC	279	1,329	50	22.9	50.9%	78.0%
EC	281	1,350	50	36.2	80.5%	59.6%
EH	204	541	30	41.0	91.1%	62.4%
EH	206	523	30	38.0	84.4%	68.6%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
EH	208	686	40	32.9	73.0%	61.7%
EH	210	683	40	33.9	75.4%	62.7%
EH	212	696	40	30.2	67.2%	78.9%
EH	214	902	48	30.9	68.7%	70.3%
EH	235	1,021	40	34.1	75.8%	71.7%
EH	237	1,026	40	39.3	87.4%	59.2%
EH	239	1,018	40	32.9	73.0%	56.1%
EH	242	1,561	60	25.2	56.0%	79.8%
НН	113	921	24	38.4	85.4%	74.6%
НН	123	777	36	40.7	90.4%	69.0%
НН	190	2,131	187	45.6	101.3%	64.6%
НН	195	2,068	187	34.9	77.6%	59.1%
НН	220	548	40	33.0	73.3%	50.0%
нн	225	422	30	31.0	68.9%	63.0%
НН	233	1,348	60	35.4	78.7%	70.1%
ННВ	1005	1,828	80	27.0	60.0%	62.3%
ННВ	1006	1,563	50	34.9	77.6%	58.7%
ННВ	1031	729	25	31.0	68.9%	60.3%
ННВ	1050	4,384	200	27.3	60.7%	53.4%
ННВ	2023	1,442	50	34.9	77.5%	42.3%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
ннв	2085	1,213	55	31.1	69.2%	40.2%
ннв	2086	1,307	60	32.0	71.1%	51.7%
ннв	4043	1,938	80	28.5	63.3%	71.6%
ннв	4050	2,695	112	32.0	71.2%	44.0%
ннв	5036	1,208	50	36.9	82.1%	70.2%
ннв	5037	1,967	80	28.1	62.6%	49.8%
ннв	5045	2,730	112	33.0	73.3%	71.0%
MSC	102	1,170	48	33.0	73.3%	42.9%
MSC	104	1,117	48	32.0	71.1%	61.7%
MSC	120	1,560	72	28.9	64.3%	69.3%
MSC	124	1,839	84	33.1	73.6%	69.6%
MSC	130	624	42	31.0	68.9%	54.2%
MSC	164	1,129	70	35.0	77.8%	73.1%
MSC	168	1,129	70	38.2	84.8%	54.3%
MSC	172	1,129	70	36.3	80.6%	80.2%
MSC	185	828	50	40.0	88.9%	71.2%
MSC	187	542	36	35.0	77.8%	59.8%
MSC	364	422	26	41.0	91.2%	76.6%
MSC	372	961	50	34.4	76.4%	54.7%
MSC	376	613	28	36.0	80.0%	68.3%
MSC	378	613	30	30.9	68.7%	64.9%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
MSC	384	653	44	36.0	80.0%	49.7%
MSC	386	606	40	40.0	88.9%	78.5%
MSC	388	605	30	31.0	68.9%	60.9%
MSC	93	574	35	24.0	53.3%	47.9%
NFH	156	1,757	157	32.3	71.8%	55.1%
ODH	202A	1,344	83	31.5	70.1%	50.1%
ODH	202B	1,848	111	28.6	63.6%	86.5%
ODH	202C	1,394	83	31.0	68.9%	51.0%
PH	302	1,660	72	36.0	80.0%	37.5%
PH	306	910	48	35.0	77.8%	47.8%
PH	307	938	49	30.1	67.0%	59.0%
PH	308	910	48	32.0	71.1%	43.8%
PH	309	930	49	28.1	62.4%	63.9%
PH	310	732	36	39.0	86.7%	54.7%
PH	312	738	36	36.0	80.0%	59.0%
PH	314	916	48	35.0	77.8%	50.7%
PH	316	918	48	38.5	85.7%	36.4%
PH	318	910	48	28.5	63.4%	38.6%
PH	320	735	36	32.0	71.1%	64.9%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	163	985	65	35.0	77.8%	53.5%
SFH	164	667	30	35.0	77.8%	48.4%
SFH	165	992	63	38.0	84.4%	69.6%
SFH	166	667	30	39.0	86.7%	44.1%
SFH	167	667	48	38.9	86.5%	53.0%
SFH	168	667	30	30.7	68.2%	51.3%
SFH	169	667	40	35.0	77.8%	67.2%
SFH	170	667	48	39.0	86.7%	56.0%
SFH	171	667	30	38.8	86.1%	25.3%
SFH	172	667	48	31.0	68.9%	54.8%
SFH	173	667	48	31.0	68.9%	41.2%
SFH	174	667	48	38.0	84.4%	41.7%
SFH	176	732	48	31.0	68.9%	37.6%
SFH	263	991	65	35.0	77.8%	62.1%
SFH	265	446	25	23.3	51.7%	52.0%
SFH	266	688	48	35.0	77.8%	39.9%
SFH	268	668	48	32.0	71.1%	40.1%
SFH	269	688	48	32.7	72.7%	47.7%
SFH	270	688	48	26.5	59.0%	40.2%
SFH	271	668	48	36.0	80.0%	43.3%
SFH	272	668	48	30.9	68.7%	43.0%
SFH	273	668	48	29.9	66.5%	49.9%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	274	668	48	29.9	66.5%	50.8%
SFH	276	733	48	10.9	24.3%	45.5%
SFH	363	896	70	24.0	53.3%	68.1%
SFH	364	668	48	38.8	86.1%	17.9%
SFH	365	992	75	36.0	80.0%	48.0%
SFH	366	668	36	38.8	86.1%	23.3%
SFH	367	668	48	25.8	57.4%	43.6%
SFH	368	668	48	26.9	59.8%	60.2%
SFH	369	668	48	27.5	61.2%	49.0%
SFH	370	688	48	24.6	54.7%	54.0%
SFH	371	668	38	38.8	86.1%	34.2%
SFH	372	668	48	27.1	60.3%	53.5%
SFH	373	668	48	27.0	60.0%	51.1%
SFH	374	668	48	24.2	53.7%	42.4%
SFH	376	732	50	40.0	88.9%	40.4%
VAR	205	1,151	85	39.0	86.7%	49.2%
VAR	206	1,184	85	30.0	66.7%	46.0%
VAR	479	998	30	35.0	77.8%	76.7%
WH	102	870	60	32.0	71.1%	60.6%
WH	105	856	60	27.0	60.0%	52.3%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
WH	124	1,062	85	35.0	77.8%	59.6%
WH	301	306	16	31.0	68.9%	70.6%
WH	313	500	30	35.0	77.8%	56.0%
WH	416	372	15	16.0	35.6%	51.7%
Totals	123	125,759	7,194	4,042		
Averages		1,022	58	32.9	73.0%	57.7%





**ELLIOTT HALL** 

# Report 3: Prime Time Utilization - Fall 2017

- Prime Time Utilization 10 a.m.-3 p.m.; Monday-Friday
- 25 Available Hours per Week

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
DH	127	1,741	92	20.1	80.5%	82.2%
DH	135	947	48	22.1	88.6%	80.9%
DH	136B	470	21	19.0	76.0%	54.4%
DH	200	1,126	95	23.9	95.5%	82.3%
DH	201	3,004	314	22.3	89.1%	53.3%
DH	202	702	52	22.0	88.0%	67.3%
DH	203	990	70	18.9	75.7%	75.2%
DH	204	374	30	23.0	92.0%	73.6%
DH	236	394	30	22.0	88.0%	60.9%
DH	237	389	24	19.0	76.0%	87.5%
EC	116	3,373	200	21.4	85.7%	52.0%
EC	254	2,035	100	21.6	86.4%	63.5%
EC	275	1,333	50	20.6	82.6%	71.9%
EC	279	1,329	50	14.9	59.6%	68.6%
EC	281	1,350	50	22.3	89.0%	56.6%
EH	204	541	30	23.0	92.0%	53.2%
EH	206	523	30	23.0	92.0%	72.0%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
EH	208	686	40	20.9	83.7%	56.0%
EH	210	683	40	22.0	88.0%	70.7%
EH	212	696	40	18.6	74.4%	80.5%
EH	214	902	48	16.9	67.7%	76.8%
EH	235	1,021	40	21.1	84.5%	76.6%
EH	237	1,026	40	24.3	97.3%	57.4%
EH	239	1,018	40	20.9	83.7%	51.8%
EH	242	1,561	60	19.2	76.8%	90.2%
НН	113	921	24	23.0	92.0%	70.1%
НН	123	777	36	22.0	88.0%	74.0%
НН	190	2,131	187	24.9	99.7%	65.8%
НН	195	2,068	187	21.9	87.6%	62.6%
НН	220	548	40	23.0	92.0%	51.9%
нн	225	422	30	23.0	92.0%	59.7%
НН	233	1,348	60	22.4	89.7%	77.6%
ннв	1005	1,828	80	14.0	56.0%	57.0%
ННВ	1006	1,563	50	20.9	83.7%	57.6%
ННВ	1031	729	25	22.0	88.0%	61.1%
ННВ	1050	4,384	200	15.1	60.4%	56.5%
ННВ	2023	1,442	50	21.7	86.7%	37.5%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
ннв	2085	1,213	55	21.8	87.3%	43.9%
ннв	2086	1,307	60	23.0	92.0%	55.4%
ннв	4043	1,938	80	22.0	88.0%	81.9%
ННВ	4050	2,695	112	19.0	76.2%	35.5%
ннв	5036	1,208	50	20.4	81.5%	72.0%
ннв	5037	1,967	80	19.1	76.6%	54.8%
ннв	5045	2,730	112	20.2	81.0%	68.9%
MSC	102	1,170	48	20.0	80.0%	41.3%
MSC	104	1,117	48	22.3	89.3%	63.7%
MSC	120	1,560	72	20.9	83.7%	68.1%
MSC	124	1,839	84	24.1	96.4%	72.4%
MSC	130	624	42	22.0	88.0%	58.4%
MSC	164	1,129	70	22.0	88.0%	69.1%
MSC	168	1,129	70	22.0	88.0%	62.3%
MSC	172	1,129	70	24.1	96.4%	83.2%
MSC	185	828	50	23.0	92.0%	78.2%
MSC	187	542	36	22.0	88.0%	55.3%
MSC	364	422	26	24.0	96.2%	68.1%
MSC	372	961	50	17.4	69.6%	51.7%
MSC	376	613	28	23.0	92.0%	67.5%
MSC	378	613	30	19.0	76.0%	71.8%

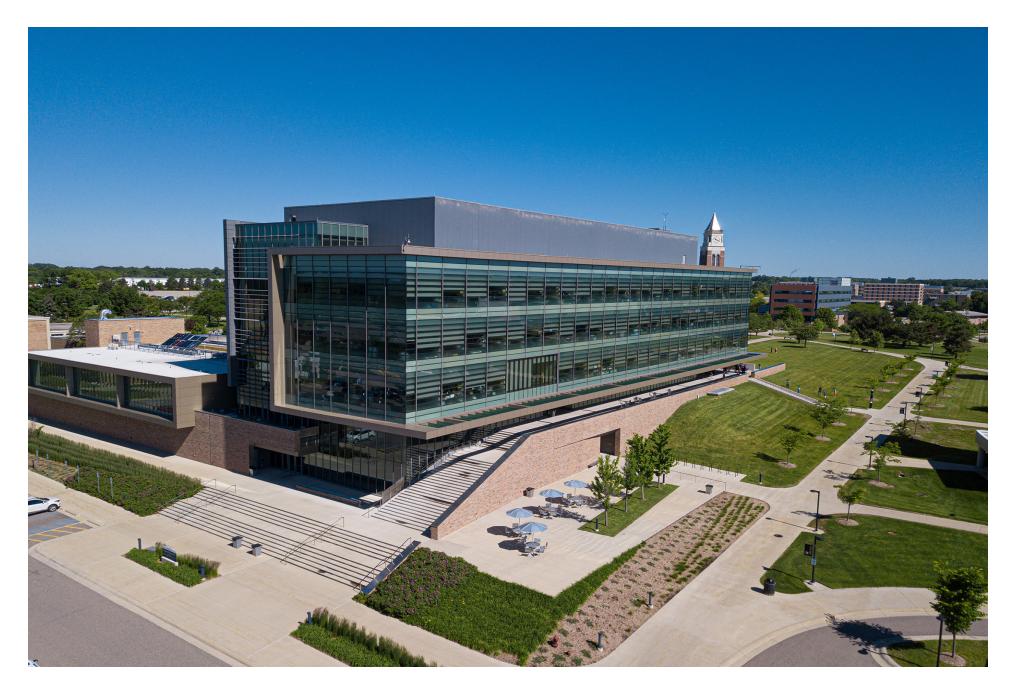
Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
MSC	384	653	44	19.0	76.0%	56.1%
MSC	386	606	40	23.0	92.0%	78.8%
MSC	388	605	30	23.0	92.0%	60.7%
MSC	93	574	35	19.3	77.3%	52.1%
NFH	156	1,757	157	16.2	64.9%	47.8%
ODH	202A	1,344	83	20.3	81.3%	52.5%
ODH	202B	1,848	111	17.2	68.8%	85.3%
ODH	202C	1,394	83	22.0	88.0%	47.1%
PH	302	1,660	72	23.0	92.0%	33.9%
PH	306	910	48	22.0	88.0%	48.1%
PH	307	938	49	16.1	64.6%	56.3%
PH	308	910	48	23.0	92.0%	42.5%
PH	309	930	49	15.8	63.3%	63.8%
PH	310	732	36	22.0	88.0%	55.6%
PH	312	738	36	23.0	92.0%	56.9%
PH	314	916	48	22.0	88.0%	43.8%
PH	316	918	48	19.7	78.7%	34.0%
PH	318	910	48	15.6	62.2%	54.1%
PH	320	735	36	19.0	76.0%	76.6%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	163	985	65	23.0	92.0%	46.4%
SFH	164	667	30	23.0	92.0%	51.4%
SFH	165	992	63	22.0	88.0%	70.4%
SFH	166	667	30	22.0	88.0%	29.4%
SFH	167	667	48	23.0	92.0%	47.9%
SFH	168	667	30	20.7	82.7%	42.6%
SFH	169	667	40	22.0	88.0%	72.7%
SFH	170	667	48	22.0	88.0%	60.0%
SFH	171	667	30	24.5	98.0%	27.5%
SFH	172	667	48	22.0	88.0%	58.5%
SFH	173	667	48	22.0	88.0%	44.7%
SFH	174	667	48	22.0	88.0%	42.8%
SFH	176	732	48	22.0	88.0%	31.1%
SFH	263	991	65	22.0	88.0%	60.8%
SFH	265	446	25	16.8	67.0%	55.3%
SFH	266	688	48	22.0	88.0%	33.3%
SFH	268	668	48	23.0	92.0%	38.9%
SFH	269	688	48	20.7	82.9%	48.5%
SFH	270	688	48	20.7	82.7%	42.9%
SFH	271	668	48	23.0	92.0%	44.2%
SFH	272	668	48	23.0	92.0%	41.9%
SFH	273	668	48	22.0	88.0%	43.2%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	274	668	48	22.0	88.0%	49.4%
SFH	276	733	48	10.9	43.7%	45.5%
SFH	363	896	70	18.0	72.0%	71.9%
SFH	364	668	48	24.5	98.0%	21.6%
SFH	365	992	75	23.0	92.0%	52.9%
SFH	366	668	36	24.5	98.0%	20.4%
SFH	367	668	48	21.3	85.0%	43.8%
SFH	368	668	48	20.4	81.6%	56.9%
SFH	369	668	48	21.0	84.0%	54.4%
SFH	370	688	48	15.7	62.7%	51.2%
SFH	371	668	38	24.5	98.0%	31.2%
SFH	372	668	48	15.6	62.4%	43.0%
SFH	373	668	48	20.0	80.0%	45.2%
SFH	374	668	48	11.9	47.5%	47.2%
SFH	376	732	50	23.0	92.0%	43.4%
VAR	205	1,151	85	22.0	88.0%	51.9%
VAR	206	1,184	85	19.0	76.0%	53.2%
VAR	479	998	30	22.0	88.0%	74.5%
WH	102	870	60	19.0	76.0%	66.9%
WH	105	856	60	18.0	72.0%	50.4%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
WH	124	1,062	85	18.0	72.0%	67.6%
WH	301	306	16	18.0	72.0%	78.5%
WH	313	500	30	22.0	88.0%	54.2%
WH	416	372	15	16.0	64.0%	51.7%
Averages		1,022	58	20.8	83.4%	57.9%





ENGINEERING CENTER

## Report 4: Off Peak Utilization - Fall 2017

- Off Peak Utilization 8-10 a.m.; 3-5 p.m.; Monday-Friday
- 20 Available Hours per Week.

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
DH	127	1,741	92	5.0	25.0%	86.7%
DH	135	947	48	13.0	65.0%	83.2%
DH	136B	470	21	13.0	65.0%	78.8%
DH	200	1,126	95	13.0	65.0%	60.7%
DH	201	3,004	314	18.5	92.6%	55.8%
DH	202	702	52	12.7	63.3%	61.9%
DH	203	990	70	8.8	44.0%	73.2%
DH	204	374	30	10.0	50.0%	75.3%
DH	236	394	30	11.5	57.7%	43.2%
DH	237	389	24	17.0	85.0%	79.7%
EC	116	3,373	200	16.0	80.0%	73.6%
EC	254	2,035	100	10.7	53.4%	70.4%
EC	275	1,333	50	12.0	60.0%	65.3%
EC	279	1,329	50	8.0	40.0%	95.5%
EC	281	1,350	50	14.0	69.9%	64.4%
EH	204	541	30	18.0	90.0%	74.1%
EH	206	523	30	15.0	75.0%	63.3%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %			
EH	208	686	40	11.9	59.7%	71.5%			
EH	210	683	40	11.9	59.7%	48.0%			
EH	212	696	40	11.6	58.2%	76.4%			
EH	214	902	48	14.0	70.0%	62.5%			
EH	235	1,021	40	13.0	65.0%	63.8%			
EH	237	1,026	40	15.0	75.0%	62.0%			
EH	239	1,018	40	11.9	59.7%	63.6%			
EH	242	1,561	60	6.0	30.0%	46.7%			
НН	113	921	24	15.4	77.2%	81.4%			
НН	123	777	36	18.7	93.3%	63.0%			
НН	190	2,131	187	20.7	103.3%	63.2%			
НН	195	2,068	187	13.0	65.0%	53.1%			
НН	220	548	40	10.0	50.0%	45.6%			
НН	225	422	30	8.0	40.0%	72.5%			
НН	233	1,348	60	13.0	65.0%	57.2%			
ННВ	1005	1,828	80	13.0	65.0%	68.1%			
ннв	1006	1,563	50	14.0	70.0%	60.2%			
ННВ	1031	729	25	9.0	45.0%	58.2%			
ННВ	1050	4,384	200	12.2	61.1%	49.7%			
ннв	2023	1,442	50	13.2	66.1%	50.2%			

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %			
ннв	2085	1,213	55	9.3	46.6%	31.6%			
ннв	2086	1,307	60	9.0	45.0%	42.0%			
ннв	4043	1,938	80	6.5	32.5%	36.5%			
ннв	4050	2,695	112	13.0	65.0%	56.5%			
ннв	5036	1,208	50	16.6	82.8%	68.1%			
ннв	5037	1,967	80	9.0	45.0%	39.0%			
ннв	5045	2,730	112	12.8	63.8%	74.4%			
MSC	102	1,170	48	13.0	65.0%	45.4%			
MSC	104	1,117	48	9.7	48.4%	57.0%			
MSC	120	1,560	72	8.0	40.0%	72.6%			
MSC	124	1,839	84	9.0	45.0%	62.2%			
MSC	130	624	42	9.0	45.0%	43.9%			
MSC	164	1,129	70	13.0	65.0%	79.8%			
MSC	168	1,129	70	16.2	80.8%	43.3%			
MSC	172	1,129	70	12.1	60.7%	74.4%			
MSC	185	828	50	17.0	85.0%	61.8%			
MSC	187	542	36	13.0	65.0%	67.3%			
MSC	364	422	26	17.0	85.0%	88.5%			
MSC	372	961	50	17.0	85.0%	57.8%			
MSC	376	613	28	13.0	65.0%	69.5%			
MSC	378	613	30	11.9	59.7%	54.0%			

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
MSC	384	653	44	17.0	85.0%	42.6%
MSC	386	606	40	17.0	85.0%	78.1%
MSC	388	605	30	8.0	40.0%	61.3%
MSC	93	574	35	4.7	23.4%	30.2%
NFH	156	1,757	157	16.1	80.5%	62.4%
	,					
ODH	202A	1,344	83	11.2	56.1%	45.6%
ODH	202B	1,848	111	11.4	57.2%	88.2%
ODH	202C	1,394	83	9.0	45.0%	60.4%
PH	302	1,660	72	13.0	65.0%	43.8%
PH	306	910	48	13.0	65.0%	47.3%
PH	307	938	49	14.0	70.0%	62.1%
PH	308	910	48	9.0	45.0%	47.0%
PH	309	930	49	12.3	61.3%	64.2%
PH	310	732	36	17.0	85.0%	53.6%
PH	312	738	36	13.0	65.0%	62.6%
PH	314	916	48	13.0	65.0%	62.3%
PH	316	918	48	18.9	94.4%	38.9%
PH	318	910	48	13.0	65.0%	20.0%
PH	320	735	36	13.0	65.0%	47.9%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	163	985	65	12.0	60.0%	67.2%
SFH	164	667	30	12.0	60.0%	42.5%
SFH	165	992	63	16.0	80.0%	68.5%
SFH	166	667	30	17.0	85.0%	63.1%
SFH	167	667	48	15.9	79.7%	60.2%
SFH	168	667	30	10.0	50.0%	69.3%
SFH	169	667	40	13.0	65.0%	57.9%
SFH	170	667	48	17.0	85.0%	50.9%
SFH	171	667	30	14.3	71.3%	21.7%
SFH	172	667	48	9.0	45.0%	45.8%
SFH	173	667	48	9.0	45.0%	32.6%
SFH	174	667	48	16.0	80.0%	40.2%
SFH	176	732	48	9.0	45.0%	53.5%
SFH	263	991	65	13.0	65.0%	64.1%
SFH	265	446	25	6.5	32.5%	43.5%
SFH	266	688	48	13.0	65.0%	51.1%
SFH	268	668	48	9.0	45.0%	43.3%
SFH	269	688	48	12.0	60.0%	46.4%
SFH	270	688	48	5.9	29.4%	30.7%
SFH	271	668	48	13.0	65.0%	41.7%
SFH	272	668	48	7.9	39.7%	46.0%
SFH	273	668	48	7.9	39.7%	68.4%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	274	668	48	7.9	39.7%	54.4%
SFH	276	733	48	0.0	0.0%	#DIV/0!
SFH	363	896	70	6.0	30.0%	56.7%
SFH	364	668	48	14.3	71.3%	11.5%
SFH	365	992	75	13.0	65.0%	39.3%
SFH	366	668	36	14.3	71.3%	28.4%
SFH	367	668	48	4.5	22.7%	42.8%
SFH	368	668	48	6.5	32.4%	70.5%
SFH	369	668	48	6.5	32.7%	31.6%
SFH	370	688	48	8.9	44.7%	59.0%
SFH	371	668	38	14.3	71.3%	39.3%
SFH	372	668	48	11.5	57.7%	67.8%
SFH	373	668	48	7.0	35.0%	67.9%
SFH	374	668	48	12.3	61.4%	37.7%
SFH	376	732	50	17.0	85.0%	36.4%
VAR	205	1,151	85	17.0	85.0%	45.7%
VAR	206	1,184	85	11.0	55.0%	33.5%
VAR	479	998	30	13.0	65.0%	80.3%
WH	102	870	60	13.0	65.0%	51.4%
WH	105	856	60	9.0	45.0%	56.3%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
WH	124	1,062	85	17.0	85.0%	51.1%
WH	301	306	16	13.0	65.0%	59.6%
WH	313	500	30	13.0	65.0%	59.0%
WH	416	372	15	0.0	0.0%	0.0%
Totals	123	125,759	7,194	1,479		
Averages		1,022	58	12.0	60.1%	57.4%





**HUMAN HEALTH BUILDING** 

# **Report 5: Evening Utilization - Fall 2017**

- Evening Utilization 5-10 p.m.; Monday-Friday
- 25 Available Hours per Week

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
DH	127	1741	92	14.10	56.4%	58.1%
DH	135	947	48	8.82	35.3%	45.0%
DH	136B	470	21	4.00	16.0%	33.3%
DH	200	1126	95	8.55	34.2%	47.4%
DH	201	3004	314	6.26	25.0%	27.1%
DH	202	702	52	8.22	32.9%	52.9%
DH	203	990	70	8.05	32.2%	70.1%
DH	204	374	30	14.72	58.9%	31.5%
DH	236	394	30	8.00	32.0%	41.7%
DH	237	389	24	8.00	32.0%	37.5%
EC	116	3373	200	6.00	24.0%	49.1%
EC	254	2035	100	9.05	36.2%	56.1%
EC	275	1333	50	18.00	72.0%	62.4%
EC	279	1329	50	12.00	48.0%	71.3%
EC	281	1350	50	14.25	57.0%	81.2%
EH	204	541	30	8.10	32.4%	32.7%
EH	206	523	30	13.10	52.4%	37.5%

Building	Room Number	Square Feet	Number of Seats WRH		WRH% of Available Hours	Station Occupancy %
EH	208	686	40	10.65	42.6%	72.2%
EH	210	683	40	12.70	50.8%	58.0%
EH	212	696	40	14.63	58.5%	62.0%
EH	214	902	48	14.20	56.8%	72.4%
EH	235	1021	40	14.20	56.8%	52.2%
EH	237	1026	40	17.42	69.7%	51.7%
EH	239	1018	40	14.20	56.8%	72.0%
EH	242	1561	60	7.98	31.9%	49.7%
НН	113	921	24	7.55	30.2%	35.5%
НН	123	777	36	12.55	50.2%	41.4%
НН	190	2131	187	8.86	35.4%	44.5%
НН	195	2068	187	2.13	8.5%	75.4%
НН	220	548	40	15.20	60.8%	39.7%
нн	225	422	30	8.55	34.2%	26.7%
НН	233	1348	60	16.00	64.0%	52.5%
ннв	1005	1828	80	13.65	54.6%	38.1%
ННВ	1006	1563	50	14.37	57.5%	67.5%
ННВ	1031	729	25	8.55	34.2%	50.5%
ННВ	1050	4384	200	0.00	0.0%	
ННВ	2023	1442	50	11.82	47.3%	41.9%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
ннв	2085	1213	55	9.10	36.4%	24.9%
ннв	2086	1307	60	13.70	54.8%	70.5%
ннв	4043	1938	80	8.27	33.1%	62.7%
ннв	4050	2695	112	9.00	36.0%	72.0%
ннв	5036	1208	50	9.65	38.6%	42.6%
ннв	5037	1967	80	6.55	26.2%	34.9%
ннв	5045	2730	112	9.10	36.4%	29.1%
MSC	102	1170	48	11.65	46.6%	14.6%
MSC	104	1117	48	14.37	57.5%	41.4%
MSC	120	1560	72	16.60	66.4%	66.0%
MSC	124	1839	84	12.05	48.2%	43.5%
MSC	130	624	42	14.20	56.8%	53.3%
MSC	164	1129	70	13.10	52.4%	62.5%
MSC	168	1129	70	11.15	44.6%	52.3%
MSC	172	1129	70	12.05	48.2%	42.0%
MSC	185	828	50	12.03	48.1%	52.4%
MSC	187	542	36	17.00	68.0%	58.0%
MSC	364	422	26	0.00	0.0%	
MSC	372	961	50	9.05	36.2%	59.5%
MSC	376	613	28	4.00	16.0%	28.6%
MSC	378	613	30	11.22	44.9%	37.4%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
MSC	384	653	44	10.65	42.6%	51.5%
MSC	386	606	40	16.00	64.0%	45.0%
MSC	388	605	30	13.00	52.0%	17.9%
MSC	93	574	35	14.00	56.0%	31.8%
NFH	156	1757	157	5.37	21.5%	70.2%
	,					
ODH	202A	1344	83	10.65	42.6%	55.8%
ODH	202B	1848	111	4.55	18.2%	47.8%
ODH	202C	1394	83	8.10	32.4%	72.1%
PH	302	1660	72	10.65	42.6%	39.4%
PH	306	910	48	15.20	60.8%	33.4%
PH	307	938	49	14.20	56.8%	31.6%
PH	308	910	48	10.65	42.6%	50.7%
PH	309	930	49	14.20	56.8%	39.3%
PH	310	732	36	11.65	46.6%	36.1%
PH	312	738	36	11.10	44.4%	41.3%
PH	314	916	48	15.20	60.8%	52.4%
PH	316	918	48	15.20	60.8%	63.5%
PH	318	910	48	10.82	43.3%	28.9%
PH	320	735	36	11.10	44.4%	55.3%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	163	985	65	16.10	64.4%	65.4%
SFH	164	667	30	4.05	16.2%	47.4%
SFH	165	992	63	18.00	72.0%	95.1%
SFH	166	667	30	17.00	68.0%	57.3%
SFH	167	667	48	14.20	56.8%	41.7%
SFH	168	667	30	15.10	60.4%	47.1%
SFH	169	667	40	10.55	42.2%	39.5%
SFH	170	667	48	15.20	60.8%	39.0%
SFH	171	667	30	8.00	32.0%	66.7%
SFH	172	667	48	11.65	46.6%	41.7%
SFH	173	667	48	16.10	64.4%	22.6%
SFH	174	667	48	15.70	62.8%	36.6%
SFH	176	732	48	14.37	57.5%	52.8%
SFH	263	991	65	8.55	34.2%	84.1%
SFH	265	446	25	10.98	43.9%	33.3%
SFH	266	688	48	14.70	58.8%	49.1%
SFH	268	668	48	14.20	56.8%	56.3%
SFH	269	688	48	16.20	64.8%	46.0%
SFH	270	688	48	7.10	28.4%	46.9%
SFH	271	668	48	13.70	54.8%	41.2%
SFH	272	668	48	10.65	42.6%	24.3%
SFH	273	668	48	10.65	42.6%	34.0%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	274	668	48	3.05	12.2%	37.5%
SFH	276	733	48	6.60	26.4%	51.5%
SFH	363	896	70	16.00	64.0%	93.2%
SFH	364	668	48	12.00	48.0%	40.3%
SFH	365	992	75	7.10	28.4%	30.0%
SFH	366	668	36	11.10	44.4%	46.2%
SFH	367	668	48	9.65	38.6%	22.2%
SFH	368	668	48	12.70	50.8%	51.5%
SFH	369	668	48	14.70	58.8%	34.9%
SFH	370	688	48	12.70	50.8%	59.8%
SFH	371	668	38	10.65	42.6%	29.8%
SFH	372	668	48	9.65	38.6%	55.9%
SFH	373	668	48	13.20	52.8%	72.3%
SFH	374	668	48	9.65	38.6%	45.9%
SFH	376	732	50	13.70	54.8%	46.5%
VAR	205	1151	85	11.65	46.6%	39.2%
VAR	206	1184	85	14.20	56.8%	17.9%
VAR	479	998	30	15.20	60.8%	46.4%
WH	102	870	60	13.20	52.8%	53.3%
WH	105	856	60	11.60	46.4%	77.1%

Building	Room Number	Square Feet	t Number of Seats WRH		WRH% of Available Hours	Station Occupancy %
WH	124	1062	85	4.55	18.2%	47.2%
WH	301	306	16	8.55	34.2%	46.2%
WH	313	500	30	11.60	46.4%	50.3%
WH	416	372	15	0.00	0.0%	0.0%
Totals	123	125,759	7,194	1,376		
Averages		1,022	58	11.19	44.8%	49.9%





MATH & SCIENCE CENTER

### Report 6: Saturday Utilization - Fall 2017

- Saturday Utilization 8 a.m. to 5 p.m.
- 9 Available Hours per Week
- 12 rooms had a class meeting at least one week during the term. The following table lists these rooms, number of Saturdays scheduled, and the average hours used when the room was scheduled.

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %	
DH	204	374	30	13	3.7	41%	20%
EH	204	541	30	7	3.5	39%	20%
EH	206	523	30	6	3.5	39%	17%
EH	235	1,021	40	3	5.2	58%	13%
EH	237	1,026	40	8	8.5	94%	37%
НН	113	921	24	13	4.0	45%	42%
MSC	364	422	26	13	3.7	41%	15%
PH	310	732	36	13	3.7	41%	39%
PH	312	738	36	8	6.5	72%	28%
PH	320	735	36	2	6.2	69%	33%
SFH	166	667	30	13	3.5	39%	20%
SFH	168	667	30	13	3.5	39%	80%
Totals/ Averages	12	8,367	388	112	4.6	52%	31%



O'DOWD HALL

## Report 7: All Day Utilization – Winter 2018

- All Day Utilization 8 a.m.-10 p.m.; Monday-Friday
- 75 Available Hours per Week

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
DH	127	1,741	92	39.3	52.30%	60.70%
DH	135	947	48	46.3	61.70%	71.90%
DH	136B	470	21	40	53.30%	57.60%
DH	200	1,126	95	31.5	42.10%	60.30%
DH	201	3,004	314	27.1	36.20%	45.00%
DH	202	702	52	32.1	42.70%	69.00%
DH	203	990	70	28.2	37.60%	61.70%
DH	204	374	30	40	53.30%	58.00%
DH	236	394	30	28	37.30%	62.90%
DH	237	389	24	53.5	71.40%	73.40%
EC	116	3,373	200	35.6	47.40%	51.20%
EC	254	2,035	100	45.3	60.40%	55.80%
EC	275	1,333	50	48	64.00%	75.80%
EC	279	1,329	50	41.5	55.40%	67.20%
EC	281	1,350	50	42.1	56.10%	68.10%
EH	204	541	30	51.1	68.10%	49.90%
EH	206	523	30	54.7	73.00%	69.60%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
EH	208	686	40	32.6	43.40%	63.70%
EH	210	683	40	47.8	63.80%	65.60%
EH	212	696	40	43.3	57.80%	74.60%
EH	214	902	48	46.6	62.10%	64.20%
EH	235	1,021	40	34.6	46.10%	85.50%
EH	237	1,026	40	43.1	57.40%	62.10%
EH	239	1,018	40	42.1	56.10%	75.60%
EH	242	1,561	60	48.2	64.30%	57.60%
нн	113	921	24	50.2	66.90%	63.40%
нн	123	777	36	51.1	68.10%	73.00%
НН	190	2,131	187	48.4	64.50%	63.40%
нн	195	2,068	187	41.6	55.40%	61.60%
НН	220	548	40	41.3	55.10%	52.70%
НН	225	422	30	27.5	36.70%	66.40%
НН	233	1,348	60	40	53.30%	62.50%
ННВ	1005	1,828	80	39.2	52.20%	64.10%
ннв	1006	1,563	50	42.9	57.20%	59.30%
ННВ	1031	729	25	34.2	45.60%	54.70%
ННВ	1050	4,384	200	30.5	40.70%	57.00%
ннв	2023	1,442	50	38.8	51.70%	52.30%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
ннв	2085	1,213	55	36.9	49.20%	49.20%
ннв	2086	1,307	60	44.8	59.70%	60.40%
ннв	4043	1,938	80	24.7	32.90%	45.00%
ннв	4050	2,695	112	29.5	39.40%	72.60%
ннв	5036	1,208	50	49.4	65.90%	63.10%
ннв	5037	1,967	80	33	43.90%	42.90%
ннв	5045	2,730	112	36.5	48.70%	71.80%
MSC	102	1,170	48	48.3	64.50%	48.40%
MSC	104	1,117	48	47.1	62.80%	52.00%
MSC	120	1,560	72	43.5	58.10%	57.70%
MSC	124	1,839	84	36.7	48.90%	63.40%
MSC	130	624	42	44.1	58.80%	56.30%
MSC	164	1,129	70	51.1	68.20%	75.90%
MSC	168	1,129	70	47.1	62.80%	71.30%
MSC	172	1,129	70	53.2	70.90%	75.50%
MSC	185	828	50	47.1	62.80%	76.40%
MSC	187	542	36	45.2	60.30%	49.20%
MSC	364	422	26	41.2	54.90%	52.60%
MSC	372	961	50	44.2	58.90%	57.20%
MSC	376	613	28	47.5	63.40%	56.00%
MSC	378	613	30	32	42.70%	62.90%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
MSC	384	653	44	47	62.70%	61.60%
MSC	386	606	40	46.6	62.10%	58.50%
MSC	388	605	30	50.7	67.50%	64.60%
MSC	93	574	35	40.4	53.90%	50.30%
NFH	156	1,757	157	43.8	58.40%	41.80%
ODH	202A	1,344	83	17.5	23.40%	49.30%
ODH	202B	1,848	111	29.4	39.20%	67.80%
ODH	202C	1,394	83	24.2	32.20%	55.20%
PH	302	1,660	72	29.8	39.80%	53.60%
PH	306	910	48	42.7	56.90%	60.20%
PH	307	938	49	34.2	45.60%	39.20%
PH	308	910	48	41.7	55.60%	42.90%
PH	309	930	49	28.2	37.60%	55.50%
PH	310	732	36	46.2	61.60%	53.20%
PH	312	738	36	41.4	55.20%	61.30%
PH	314	916	48	37.8	50.30%	44.30%
PH	316	918	48	29.1	38.80%	51.40%
PH	318	910	48	41.8	55.70%	42.20%
PH	320	735	36	44.3	59.10%	62.90%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	163	985	65	36	48.00%	74.20%
SFH	164	667	30	48	64.00%	51.40%
SFH	165	992	63	43.1	57.50%	74.50%
SFH	166	667	30	51.1	68.10%	52.60%
SFH	167	667	48	46.6	62.20%	48.20%
SFH	168	667	30	50.7	67.50%	34.70%
SFH	169	667	40	53.7	71.60%	51.70%
SFH	170	667	48	45.1	60.10%	46.60%
SFH	171	667	30	42.1	56.10%	33.30%
SFH	172	667	48	42.2	56.30%	49.70%
SFH	173	667	48	48	64.00%	46.70%
SFH	174	667	48	42.1	56.20%	45.70%
SFH	176	732	48	46.1	61.50%	40.80%
SFH	263	991	65	48	64.00%	74.90%
SFH	265	446	25	38	50.70%	27.60%
SFH	266	688	48	43.1	57.50%	37.30%
SFH	268	668	48	38.6	51.50%	46.90%
SFH	269	688	48	31.1	41.50%	41.80%
SFH	270	688	48	43.1	57.50%	42.30%
SFH	271	668	48	42.6	56.90%	42.30%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	272	668	48	43.5	58.10%	41.50%
SFH	273	668	48	39.1	52.10%	41.90%
SFH	363	896	70	31.8	42.40%	66.90%
SFH	364	668	48	49.7	66.30%	20.30%
SFH	365	992	75	33.7	44.90%	59.40%
SFH	366	668	36	38.1	50.80%	27.30%
SFH	367	668	48	39.1	52.10%	37.00%
SFH	368	668	48	38.1	50.90%	51.20%
SFH	369	668	48	31.5	42.10%	49.10%
SFH	370	688	48	43.1	57.50%	41.50%
SFH	371	668	38	44.2	58.90%	32.30%
SFH	372	668	48	41.1	54.80%	53.50%
SFH	373	668	48	35.5	47.40%	45.50%
SFH	374	668	48	49.5	66.00%	51.90%
SFH	376	732	50	41.7	55.60%	39.80%
VAR	205	1,151	85	37.2	49.60%	39.00%
VAR	206	1,184	85	25.7	34.30%	34.90%
VAR	479	998	30	46.2	61.60%	60.20%
WH	102	870	60	35.1	46.80%	62.40%
WH	105	856	60	31.5	42.10%	57.40%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
WH	124	1,062	85	23.5	31.40%	59.10%
WH	301	306	16	38.2	50.90%	67.80%
WH	313	500	30	39.5	52.70%	51.20%
WH	416	372	15	28	37.30%	50.50%
Totals	123	125,759	7,194	4,966		
Averages		1,022	58	40.4	53.80%	56.00%





**PAWLEY HALL** 

## Report 8: Daytime Utilization - Winter 2018

- Daytime Utilization 8 a.m.-5 p.m.; Monday-Friday
- 45 Available Hours per Week

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
DH	127	1,741	92	36.3	80.60%	62.90%
DH	135	947	48	34.3	76.20%	82.70%
DH	136B	470	21	24	53.30%	72.20%
DH	200	1,126	95	25.5	56.80%	63.00%
DH	201	3,004	314	27.1	60.30%	45.00%
DH	202	702	52	24	53.40%	69.20%
DH	203	990	70	21.8	48.40%	63.20%
DH	204	374	30	24	53.30%	68.30%
DH	236	394	30	28	62.20%	62.90%
DH	237	389	24	40.7	90.40%	79.50%
EC	116	3,373	200	33.6	74.60%	51.50%
EC	254	2,035	100	33.1	73.60%	62.90%
EC	275	1,333	50	31	68.90%	92.70%
EC	279	1,329	50	30	66.70%	68.70%
EC	281	1,350	50	30	66.80%	66.60%
EH	204	541	30	40	88.90%	46.00%
EH	206	523	30	41	91.10%	71.80%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
EH	208	686	40	18.5	41.10%	78.60%
EH	210	683	40	32.2	71.60%	58.50%
EH	212	696	40	31.1	69.20%	79.80%
EH	214	902	48	32.4	72.00%	57.70%
EH	235	1,021	40	21.9	48.60%	85.60%
EH	237	1,026	40	28.9	64.10%	53.90%
EH	239	1,018	40	26.9	59.80%	80.60%
EH	242	1,561	60	36	80.00%	63.50%
НН	113	921	24	36	80.00%	69.90%
нн	123	777	36	35	77.80%	71.30%
НН	190	2,131	187	40.9	90.90%	64.50%
нн	195	2,068	187	35.6	79.00%	63.30%
НН	220	548	40	32	71.10%	52.80%
НН	225	422	30	20	44.40%	69.30%
НН	233	1,348	60	28	62.20%	62.90%
ННВ	1005	1,828	80	23	51.10%	85.90%
ННВ	1006	1,563	50	28.2	62.70%	48.50%
ННВ	1031	729	25	24	53.30%	70.70%
ННВ	1050	4,384	200	23.4	52.00%	61.40%
ннв	2023	1,442	50	23.6	52.40%	52.00%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
ннв	2085	1,213	55	28.3	63.00%	47.50%
ннв	2086	1,307	60	34.9	77.60%	61.80%
ннв	4043	1,938	80	18.9	42.10%	51.10%
ннв	4050	2,695	112	19	42.20%	79.60%
ннв	5036	1,208	50	36.9	82.00%	66.20%
ннв	5037	1,967	80	21.9	48.60%	46.70%
ннв	5045	2,730	112	32.5	72.30%	78.90%
MSC	102	1,170	48	29.9	66.40%	51.50%
MSC	104	1,117	48	30	66.70%	57.00%
MSC	120	1,560	72	31	68.90%	68.70%
MSC	124	1,839	84	31.1	69.20%	64.30%
MSC	130	624	42	33	73.30%	55.80%
MSC	164	1,129	70	35.1	78.10%	78.60%
MSC	168	1,129	70	31	68.90%	70.90%
MSC	172	1,129	70	38.1	84.70%	75.00%
MSC	185	828	50	32	71.10%	80.00%
MSC	187	542	36	31	68.90%	57.60%
MSC	364	422	26	28.2	62.70%	66.90%
MSC	372	961	50	33.1	73.60%	60.60%
MSC	376	613	28	36	80.00%	57.10%
MSC	378	613	30	23	51.10%	74.20%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
MSC	384	653	44	33.9	75.40%	59.70%
MSC	386	606	40	36	80.00%	56.70%
MSC	388	605	30	40	88.90%	70.00%
MSC	93	574	35	32.4	72.10%	47.90%
NFH	156	1,757	157	34.1	75.80%	40.10%
ODH	202A	1,344	83	10.9	24.30%	52.80%
ODH	202B	1,848	111	22.3	49.50%	80.40%
ODH	202C	1,394	83	18.7	41.60%	53.30%
PH	302	1,660	72	21.8	48.30%	61.70%
PH	306	910	48	31	68.90%	69.10%
PH	307	938	49	19	42.20%	52.60%
PH	308	910	48	30.5	67.90%	39.70%
PH	309	930	49	18	40.10%	54.60%
PH	310	732	36	35.5	79.00%	60.20%
PH	312	738	36	28	62.20%	69.80%
PH	314	916	48	27.1	60.20%	49.40%
PH	316	918	48	18.9	42.10%	55.60%
PH	318	910	48	30.1	66.90%	38.10%
PH	320	735	36	30.1	66.90%	54.30%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	163	985	65	28	62.20%	77.40%
SFH	164	667	30	36	80.00%	53.00%
SFH	165	992	63	31	68.90%	75.90%
SFH	166	667	30	42	93.30%	52.70%
SFH	167	667	48	36	80.00%	55.30%
SFH	168	667	30	38	84.40%	33.20%
SFH	169	667	40	40	88.90%	56.30%
SFH	170	667	48	36	80.00%	46.50%
SFH	171	667	30	31	68.90%	17.50%
SFH	172	667	48	27	60.00%	53.90%
SFH	173	667	48	36	80.00%	50.20%
SFH	174	667	48	32	71.10%	44.80%
SFH	176	732	48	35	77.80%	41.40%
SFH	263	991	65	40	88.90%	79.20%
SFH	265	446	25	31	68.90%	26.00%
SFH	266	688	48	35	77.80%	37.10%
SFH	268	668	48	27	60.00%	42.80%
SFH	269	688	48	23	51.10%	41.40%
SFH	270	688	48	31	68.90%	48.50%
SFH	271	668	48	31	68.90%	43.20%
SFH	272	668	48	34	75.60%	40.70%
SFH	273	668	48	27	60.00%	42.40%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	274	668	48	23.4	52.10%	46.20%
SFH	276	733	48	26	57.80%	43.90%
SFH	363	896	70	23.8	52.90%	71.00%
SFH	364	668	48	38.8	86.10%	12.10%
SFH	365	992	75	18	40.00%	64.10%
SFH	366	668	36	31	68.90%	17.40%
SFH	367	668	48	27	60.00%	36.40%
SFH	368	668	48	28	62.20%	48.20%
SFH	369	668	48	23	51.10%	46.30%
SFH	370	688	48	35	77.80%	43.40%
SFH	371	668	38	31	68.90%	17.10%
SFH	372	668	48	29.9	66.50%	46.20%
SFH	373	668	48	32	71.10%	47.10%
SFH	374	668	48	37.9	84.30%	50.50%
SFH	376	732	50	28	62.20%	37.10%
VAR	205	1,151	85	24	53.30%	40.20%
VAR	206	1,184	85	15.6	34.60%	35.80%
VAR	479	998	30	32	71.10%	59.20%
WH	102	870	60	28	62.20%	58.80%
WH	105	856	60	24	53.30%	64.70%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
WH	124	1,062	85	19	42.20%	65.30%
WH	301	306	16	24	53.30%	71.90%
WH	313	500	30	31	68.90%	48.30%
WH	416	372	15	27	60.00%	49.10%
Totals	123	125,759	7,194	3,640		
Averages		1,022	58	29.6	65.80%	57.80%





VARNER HALL

## **Report 9: Prime Time Utilization - Winter 2018**

- Prime Time Utilization 10 a.m.-3 p.m.; Monday-Friday
- 25 Available Hours per Week

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
DH	127	1,741.00	92	25	100.00%	59.00%
DH	135	947	48	21.3	85.20%	83.30%
DH	136B	470	21	16	64.00%	82.10%
DH	200	1,126.00	95	17.5	70.20%	68.00%
DH	201	3,004.00	314	17.1	68.60%	40.70%
DH	202	702	52	18.7	74.70%	71.00%
DH	203	990	70	18.5	73.90%	68.00%
DH	204	374	30	21	84.00%	69.00%
DH	236	394	30	17	68.00%	68.20%
DH	237	389	24	22	88.00%	82.20%
EC	116	3,373.00	200	22.9	91.80%	50.40%
EC	254	2,035.00	100	18.1	72.40%	66.10%
EC	275	1,333.00	50	22	88.00%	94.20%
EC	279	1,329.00	50	22	88.00%	74.00%
EC	281	1,350.00	50	19.7	78.70%	62.40%
EH	204	541	30	23	92.00%	46.10%
EH	206	523	30	23	92.00%	75.10%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
EH	208	686	40	10.6	42.40%	80.50%
EH	210	683	40	17.2	68.80%	74.00%
EH	212	696	40	15.3	61.10%	70.50%
EH	214	902	48	17.5	70.10%	64.80%
EH	235	1,021.00	40	14	56.00%	84.60%
EH	237	1,026.00	40	21.9	87.40%	54.90%
EH	239	1,018.00	40	16.6	66.60%	89.80%
EH	242	1,561.00	60	22	88.00%	62.00%
НН	113	921	24	19	76.00%	64.00%
НН	123	777	36	22	88.00%	71.50%
НН	190	2,131.00	187	23.9	95.60%	65.50%
НН	195	2,068.00	187	19.6	78.20%	63.70%
НН	220	548	40	22	88.00%	54.30%
НН	225	422	30	14	56.00%	80.50%
нн	233	1,348.00	60	21	84.00%	59.20%
ннв	1005	1,828.00	80	16	64.00%	85.00%
ННВ	1006	1,563.00	50	20	80.00%	45.60%
ННВ	1031	729	25	18	72.00%	73.80%
ННВ	1050	4,384.00	200	16.3	65.00%	64.10%
ННВ	2023	1,442.00	50	15.7	62.60%	46.80%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
ннв	2085	1,213.00	55	17.3	69.40%	48.00%
ннв	2086	1,307.00	60	23	92.00%	54.30%
ннв	4043	1,938.00	80	14	56.00%	51.40%
ннв	4050	2,695.00	112	12	48.00%	85.70%
ннв	5036	1,208.00	50	20.1	80.30%	66.90%
ннв	5037	1,967.00	80	12.9	51.70%	49.10%
ннв	5045	2,730.00	112	18.1	72.50%	75.40%
MSC	102	1,170.00	48	15.9	63.40%	64.60%
MSC	104	1,117.00	48	18	72.00%	63.20%
MSC	120	1,560.00	72	20	80.00%	67.80%
MSC	124	1,839.00	84	23.1	92.50%	62.50%
MSC	130	624	42	22	88.00%	62.80%
MSC	164	1,129.00	70	24.1	96.50%	72.20%
MSC	168	1,129.00	70	22	88.00%	65.70%
MSC	172	1,129.00	70	25	100.00%	78.20%
MSC	185	828	50	23	92.00%	86.30%
MSC	187	542	36	22	88.00%	60.10%
MSC	364	422	26	22.2	88.80%	65.70%
MSC	372	961	50	21.2	84.70%	60.40%
MSC	376	613	28	23	92.00%	45.20%
MSC	378	613	30	14	56.00%	81.90%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
MSC	384	653	44	22	88.00%	51.90%
MSC	386	606	40	23	92.00%	53.00%
MSC	388	605	30	23	92.00%	69.60%
MSC	93	574	35	21.8	87.20%	55.10%
NFH	156	1,757.00	157	23	92.00%	30.80%
	,					
ODH	202A	1,344.00	83	7.9	31.70%	52.70%
ODH	202B	1,848.00	111	17.5	70.10%	84.40%
ODH	202C	1,394.00	83	13	52.00%	54.70%
PH	302	1,660.00	72	15.3	61.30%	78.50%
PH	306	910	48	22	88.00%	63.60%
PH	307	938	49	12	48.00%	64.60%
PH	308	910	48	20	80.00%	36.70%
PH	309	930	49	12.1	48.20%	48.70%
PH	310	732	36	21	84.00%	70.00%
PH	312	738	36	17	68.00%	68.30%
PH	314	916	48	18	72.00%	47.00%
PH	316	918	48	14.9	59.70%	57.10%
PH	318	910	48	20.1	80.40%	42.20%
PH	320	735	36	17.1	68.40%	53.00%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	163	985	65	15	60.00%	76.70%
SFH	164	667	30	23	92.00%	39.40%
SFH	165	992	63	19	76.00%	86.20%
SFH	166	667	30	23	92.00%	50.90%
SFH	167	667	48	23	92.00%	57.50%
SFH	168	667	30	23	92.00%	37.70%
SFH	169	667	40	23	92.00%	47.80%
SFH	170	667	48	23	92.00%	54.70%
SFH	171	667	30	16.8	67.00%	19.30%
SFH	172	667	48	18	72.00%	50.20%
SFH	173	667	48	23	92.00%	49.90%
SFH	174	667	48	22	88.00%	43.60%
SFH	176	732	48	22	88.00%	40.50%
SFH	263	991	65	23	92.00%	76.80%
SFH	265	446	25	16.8	67.00%	14.40%
SFH	266	688	48	22	88.00%	28.60%
SFH	268	668	48	18	72.00%	42.40%
SFH	269	688	48	14	56.00%	42.90%
SFH	270	688	48	18	72.00%	43.10%
SFH	271	668	48	20	80.00%	42.10%
SFH	272	668	48	22	88.00%	39.80%
SFH	273	668	48	22	88.00%	41.30%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	274	668	48	14	56.00%	42.30%
SFH	276	733	48	16	64.00%	35.40%
SFH	363	896	70	17.4	69.70%	66.90%
SFH	364	668	48	24.5	98.00%	13.00%
SFH	365	992	75	12	48.00%	52.90%
SFH	366	668	36	21.2	84.70%	19.30%
SFH	367	668	48	20	80.00%	41.30%
SFH	368	668	48	20	80.00%	51.70%
SFH	369	668	48	18	72.00%	48.10%
SFH	370	688	48	22	88.00%	41.70%
SFH	371	668	38	24.5	98.00%	18.70%
SFH	372	668	48	16	64.00%	45.30%
SFH	373	668	48	19	76.00%	57.70%
SFH	374	668	48	22	88.00%	41.30%
SFH	376	732	50	22	88.00%	34.20%
VAR	205	1,151.00	85	16	64.00%	42.40%
VAR	206	1,184.00	85	13.7	54.70%	36.80%
VAR	479	998	30	22	88.00%	57.90%
WH	102	870	60	23	92.00%	67.30%
WH	105	856	60	20	80.00%	74.70%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
WH	124	1,062.00	85	16	64.00%	58.80%
WH	301	306	16	18	72.00%	71.50%
WH	313	500	30	17	68.00%	53.30%
WH	416	372	15	18	72.00%	45.90%
Totals	123	125,759	7,194	2,363		
Averages		1,022	58	19.2	76.80%	57.60%





KRESEGE LIBRARY

## Report 10: Off Peak Utilization - Winter 2018

- Off Peak Utilization 8-10 a.m.; 3-5 p.m.; Monday-Friday
- 20 Available Hours per Week.

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

North Foundation Hall (NFH)
O'Dowd Hall (ODH)
Pawley Hall (PH)
South Foundation Hall (SFH)
Varner Hall (VH)
Wilson Hall (WH)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
DH	127	1,741	92	11.3	56.30%	71.50%
DH	135	947	48	13	65.00%	81.70%
DH	136B	470	21	8	40.00%	52.40%
DH	200	1,126	95	8	40.00%	52.00%
DH	201	3,004	314	10	50.00%	52.50%
DH	202	702	52	5.3	26.70%	63.00%
DH	203	990	70	3.3	16.60%	36.60%
DH	204	374	30	3	15.00%	63.30%
DH	236	394	30	11	55.00%	54.50%
DH	237	389	24	18.7	93.30%	76.30%
EC	116	3,373	200	10.6	53.20%	53.90%
EC	254	2,035	100	15	75.00%	58.90%
EC	275	1,333	50	9	45.00%	89.10%
EC	279	1,329	50	8	40.00%	54.00%
EC	281	1,350	50	10.4	51.90%	74.70%
EH	204	541	30	17	85.00%	45.90%
EH	206	523	30	18	90.00%	67.60%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
EH	208	686	40	7.9	39.40%	76.10%
EH	210	683	40	15	75.00%	40.70%
EH	212	696	40	15.9	79.30%	88.80%
EH	214	902	48	14.9	74.40%	49.30%
EH	235	1,021	40	7.9	39.30%	87.20%
EH	237	1,026	40	7	35.00%	50.70%
EH	239	1,018	40	10.3	51.30%	65.60%
EH	242	1,561	60	14	70.00%	66.00%
НН	113	921	24	17	85.00%	76.50%
НН	123	777	36	13	65.00%	70.90%
НН	190	2,131	187	17	85.00%	63.00%
НН	195	2,068	187	16	80.00%	62.70%
НН	220	548	40	10	50.00%	49.50%
НН	225	422	30	6	30.00%	43.30%
НН	233	1,348	60	7	35.00%	73.80%
ннв	1005	1,828	80	7	35.00%	87.90%
ннв	1006	1,563	50	8.2	41.00%	55.40%
ннв	1031	729	25	6	30.00%	61.30%
ННВ	1050	4,384	200	7.1	35.60%	55.20%
ннв	2023	1,442	50	7.9	39.60%	62.30%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
ННВ	2085	1,213	55	11	55.00%	46.80%
ННВ	2086	1,307	60	11.9	59.70%	76.40%
ННВ	4043	1,938	80	4.9	24.70%	50.00%
ННВ	4050	2,695	112	7	35.00%	69.00%
ннв	5036	1,208	50	16.8	84.10%	65.30%
ННВ	5037	1,967	80	8.9	44.70%	43.20%
ннв	5045	2,730	112	14.4	72.00%	83.40%
MSC	102	1,170	48	14	70.00%	36.60%
MSC	104	1,117	48	12	60.00%	47.70%
MSC	120	1,560	72	11	55.00%	70.50%
MSC	124	1,839	84	8	40.00%	69.60%
MSC	130	624	42	11	55.00%	41.80%
MSC	164	1,129	70	11	55.00%	92.60%
MSC	168	1,129	70	9	45.00%	83.70%
MSC	172	1,129	70	13.1	65.50%	68.90%
MSC	185	828	50	9	45.00%	63.80%
MSC	187	542	36	9	45.00%	51.50%
MSC	364	422	26	6	30.00%	71.20%
MSC	372	961	50	11.9	59.70%	60.90%
MSC	376	613	28	13	65.00%	78.30%
MSC	378	613	30	9	45.00%	62.20%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
MSC	384	653	44	11.9	59.70%	74.20%
MSC	386	606	40	13	65.00%	63.10%
MSC	388	605	30	17	85.00%	70.60%
MSC	93	574	35	10.6	53.20%	33.20%
NFH	156	1,757	157	11.1	55.50%	59.20%
	,					
ODH	202A	1,344	83	3	15.00%	53.00%
ODH	202B	1,848	111	4.8	23.80%	65.80%
ODH	202C	1,394	83	5.7	28.60%	50.20%
РН	302	1,660	72	6.4	32.20%	21.60%
РН	306	910	48	9	45.00%	82.40%
РН	307	938	49	7	35.00%	32.10%
PH	308	910	48	10.5	52.70%	45.50%
PH	309	930	49	6	29.90%	66.40%
PH	310	732	36	14.5	72.70%	46.10%
PH	312	738	36	11	55.00%	72.20%
PH	314	916	48	9.1	45.50%	54.20%
PH	316	918	48	4	20.00%	50.00%
PH	318	910	48	10	50.00%	30.00%
PH	320	735	36	13	65.00%	56.00%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	163	985	65	13	65.00%	78.10%
SFH	164	667	30	13	65.00%	76.90%
SFH	165	992	63	12	60.00%	59.50%
SFH	166	667	30	19	95.00%	54.90%
SFH	167	667	48	13	65.00%	51.40%
SFH	168	667	30	15	75.00%	26.20%
SFH	169	667	40	17	85.00%	67.60%
SFH	170	667	48	13	65.00%	32.10%
SFH	171	667	30	14.3	71.30%	15.40%
SFH	172	667	48	9	45.00%	61.30%
SFH	173	667	48	13	65.00%	50.80%
SFH	174	667	48	10	50.00%	47.50%
SFH	176	732	48	13	65.00%	42.90%
SFH	263	991	65	17	85.00%	82.50%
SFH	265	446	25	14.3	71.30%	39.60%
SFH	266	688	48	13	65.00%	51.60%
SFH	268	668	48	9	45.00%	43.80%
SFH	269	688	48	9	45.00%	39.10%
SFH	270	688	48	13	65.00%	56.10%
SFH	271	668	48	11	55.00%	45.30%
SFH	272	668	48	12	60.00%	42.40%
SFH	273	668	48	5	25.00%	47.50%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	274	668	48	9.4	47.20%	52.10%
SFH	276	733	48	10	50.00%	57.50%
SFH	363	896	70	6.4	31.90%	82.10%
SFH	364	668	48	14.3	71.30%	10.50%
SFH	365	992	75	6	30.00%	86.70%
SFH	366	668	36	9.8	49.10%	13.20%
SFH	367	668	48	7	35.00%	22.60%
SFH	368	668	48	8	40.00%	39.60%
SFH	369	668	48	5	25.00%	39.60%
SFH	370	688	48	13	65.00%	46.30%
SFH	371	668	38	6.5	32.50%	11.30%
SFH	372	668	48	13.9	69.70%	47.20%
SFH	373	668	48	13	65.00%	31.70%
SFH	374	668	48	15.9	79.70%	63.20%
SFH	376	732	50	6	30.00%	48.00%
VAR	205	1,151	85	8	40.00%	35.90%
VAR	206	1,184	85	1.9	9.40%	28.20%
VAR	479	998	30	10	50.00%	62.00%
WH	102	870	60	5	25.00%	19.70%
WH	105	856	60	4	20.00%	15.00%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
WH	124	1,062	85	3	15.00%	100.00%
WH	301	306	16	6	30.00%	72.90%
WH	313	500	30	14	70.00%	42.10%
WH	416	372	15	9	45.00%	55.60%
Totals	123	125,759	7,194	1,277		
Averages		1,022	58	10.4	51.90%	58.00%





OAK VIEW HALL

## **Report 11: Evening Utilization - Winter 2018**

- Evening Utilization 5-10 p.m.; Monday-Friday
- 25 Available Hours per Week

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

North Foundation Hall (NFH)
O'Dowd Hall (ODH)
Pawley Hall (PH)
South Foundation Hall (SFH)
Varner Hall (VH)
Wilson Hall (WH)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
DH	127	1,741	92	3	12.00%	34.10%
DH	135	947	48	12	48.00%	41.00%
DH	136B	470	21	16	64.00%	35.70%
DH	200	1,126	95	6	24.00%	48.90%
DH	201	3,004	314	0	0.00%	
DH	202	702	52	8.1	32.20%	68.40%
DH	203	990	70	6.4	25.60%	56.40%
DH	204	374	30	16	64.00%	42.50%
DH	236	394	30	0	0.00%	
DH	237	389	24	12.9	51.50%	54.40%
EC	116	3,373	200	2	8.00%	47.00%
EC	254	2,035	100	12.2	48.90%	36.80%
EC	275	1,333	50	17	68.00%	45.10%
EC	279	1,329	50	11.6	46.20%	63.20%
EC	281	1,350	50	12.1	48.20%	71.70%
EH	204	541	30	11.1	44.40%	63.80%
EH	206	523	30	13.8	55.00%	63.00%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
EH	208	686	40	14.1	56.40%	44.20%
EH	210	683	40	15.6	62.50%	80.20%
EH	212	696	40	12.2	48.80%	61.30%
EH	214	902	48	14.2	56.80%	79.00%
EH	235	1,021	40	12.7	50.80%	85.40%
EH	237	1,026	40	14.2	56.80%	78.60%
EH	239	1,018	40	15.2	60.80%	66.60%
EH	242	1,561	60	12.2	48.80%	40.00%
НН	113	921	24	14.2	56.80%	46.90%
НН	123	777	36	16.1	64.40%	76.80%
НН	190	2,131	187	7.5	29.80%	57.30%
НН	195	2,068	187	6	24.00%	52.00%
НН	220	548	40	9.3	37.30%	52.30%
нн	225	422	30	7.6	30.20%	58.60%
НН	233	1,348	60	12	48.00%	61.70%
ннв	1005	1,828	80	16.2	64.70%	33.00%
ННВ	1006	1,563	50	14.7	58.80%	80.10%
ННВ	1031	729	25	10.2	40.90%	17.20%
ННВ	1050	4,384	200	7.1	28.40%	42.50%
ННВ	2023	1,442	50	15.2	60.80%	52.80%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
ННВ	2085	1,213	55	8.6	34.20%	55.00%
ннв	2086	1,307	60	9.8	39.30%	55.60%
ннв	4043	1,938	80	5.8	23.10%	24.90%
ннв	4050	2,695	112	10.6	42.20%	60.20%
ннв	5036	1,208	50	12.5	50.20%	54.10%
ннв	5037	1,967	80	11.1	44.40%	35.40%
ннв	5045	2,730	112	4	16.00%	13.80%
MSC	102	1,170	48	18.5	74.00%	43.60%
MSC	104	1,117	48	17.1	68.40%	43.10%
MSC	120	1,560	72	12.6	50.20%	30.40%
MSC	124	1,839	84	5.6	22.20%	58.20%
MSC	130	624	42	11.1	44.40%	57.70%
MSC	164	1,129	70	16	64.00%	70.00%
MSC	168	1,129	70	16.1	64.40%	71.90%
MSC	172	1,129	70	15.1	60.40%	76.80%
MSC	185	828	50	15.1	60.40%	68.80%
MSC	187	542	36	14.2	56.80%	31.00%
MSC	364	422	26	13	52.00%	21.60%
MSC	372	961	50	11.1	44.40%	47.10%
MSC	376	613	28	11.6	46.20%	52.50%
MSC	378	613	30	9	36.00%	34.10%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
MSC	384	653	44	13.1	52.30%	66.40%
MSC	386	606	40	10.6	42.40%	64.80%
MSC	388	605	30	10.6	42.60%	44.40%
MSC	93	574	35	8	32.00%	60.00%
NFH	156	1,757	157	9.7	38.80%	47.90%
	,					
ODH	202A	1,344	83	6.6	26.40%	43.50%
ODH	202B	1,848	111	7.1	28.40%	28.40%
ODH	202C	1,394	83	5.4	21.80%	61.40%
PH	302	1,660	72	8.1	32.40%	31.90%
PH	306	910	48	11.7	46.60%	36.50%
PH	307	938	49	15.2	60.80%	22.50%
PH	308	910	48	11.2	44.60%	51.60%
PH	309	930	49	10.1	40.60%	57.30%
PH	310	732	36	10.6	42.60%	29.60%
PH	312	738	36	13.4	53.50%	43.30%
PH	314	916	48	10.6	42.60%	31.30%
PH	316	918	48	10.1	40.60%	43.40%
PH	318	910	48	11.7	46.60%	52.60%
PH	320	735	36	14.2	56.80%	81.10%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	163	985	65	8	32.00%	63.10%
SFH	164	667	30	12	48.00%	46.70%
SFH	165	992	63	12.1	48.40%	70.90%
SFH	166	667	30	9.1	36.40%	52.00%
SFH	167	667	48	10.6	42.60%	24.30%
SFH	168	667	30	12.7	50.60%	39.20%
SFH	169	667	40	13.7	54.80%	38.50%
SFH	170	667	48	9.1	36.40%	46.70%
SFH	171	667	30	11.1	44.40%	77.50%
SFH	172	667	48	15.2	60.80%	42.30%
SFH	173	667	48	12	48.10%	36.10%
SFH	174	667	48	10.1	40.60%	48.50%
SFH	176	732	48	11.2	44.60%	38.60%
SFH	263	991	65	8	32.00%	53.10%
SFH	265	446	25	7.1	28.20%	34.40%
SFH	266	688	48	8.1	32.40%	38.10%
SFH	268	668	48	11.7	46.60%	56.20%
SFH	269	688	48	8.1	32.40%	42.80%
SFH	270	688	48	12.1	48.40%	26.40%
SFH	271	668	48	11.7	46.60%	39.90%
SFH	272	668	48	9.6	38.20%	44.60%
SFH	273	668	48	12.1	48.40%	40.80%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
SFH	274	668	48	12.6	50.40%	41.60%
SFH	276	733	48	11.4	45.70%	56.30%
SFH	363	896	70	8	32.00%	55.00%
SFH	364	668	48	11	43.90%	49.10%
SFH	365	992	75	15.7	62.80%	53.90%
SFH	366	668	36	7.1	28.40%	70.80%
SFH	367	668	48	12.1	48.40%	38.40%
SFH	368	668	48	10.1	40.60%	59.40%
SFH	369	668	48	8.6	34.20%	56.70%
SFH	370	688	48	8.1	32.40%	33.10%
SFH	371	668	38	13.2	52.80%	67.90%
SFH	372	668	48	11.1	44.60%	73.00%
SFH	373	668	48	3.5	14.20%	31.30%
SFH	374	668	48	11.6	46.20%	56.30%
SFH	376	732	50	13.7	54.80%	45.10%
VAR	205	1,151	85	13.2	52.80%	36.80%
VAR	206	1,184	85	10.1	40.60%	33.50%
VAR	479	998	30	14.2	56.80%	62.50%
WH	102	870	60	7.1	28.40%	76.70%
WH	105	856	60	7.6	30.20%	33.90%

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %
WH	124	1,062	85	4.6	18.20%	33.00%
WH	301	306	16	14.2	56.80%	60.90%
WH	313	500	30	8.6	34.20%	62.00%
WH	416	372	15	1	4.00%	86.70%
Totals	123	125,759	7,194	1,326		
Averages		1,022	58	10.8	43.10%	50.50%





## HILLCREST HALL

## Report 12: Saturday Utilization - Winter 2018

Saturday Utilization 8 a.m. to 5 p.m.

- 9 Available Hours per Week
- 12 rooms had a class meeting at least one week during the term. The following table lists these rooms, number of Saturdays scheduled, and the average hours used when the room was scheduled.

Dodge Hall (**DH**)
Engineering Center (**EC**)
Elliott Hall (**EH**)
Hannah Hall (**HH**)
Human Health Building (**HHB**)
Math & Science Center (**MSC**)

North Foundation Hall (NFH)
O'Dowd Hall (ODH)
Pawley Hall (PH)
South Foundation Hall (SFH)
Varner Hall (VH)
Wilson Hall (WH)

Building	Room Number	Square Feet	Number of Seats	WRH	WRH% of Available Hours	Station Occupancy %	
EH	206	523	30	4	6.2	69%	37%
EH	208	686	40	4	6.2	69%	0%
EH	210	683	40	17	3.5	39%	28%
EH	214	902	48	17	3.5	39%	77%
EH	235	1,021	40	8	8.5	94%	40%
EH	239	1,018	40	1	3	34%	93%
НН	113	921	24	17	3.7	41%	21%
PH	310	732	36	17	3.5	39%	44%
PH	312	738	36	4	6.6	73%	28%
PH	320	735	36	3	6.2	69%	28%
SFH	166	667	30	17	7.2	80%	55%
Totals/ Averages	11	8,626	400	109	5.3	59%	33%



## **Facility Condition Assessment**

## Plant Renewal, Deferred Plant Renewal & Plant Adaptation Backlog

The Facilities Management computerized Capital Asset Management (CAM) program is a relational database management system containing more than 1,500 projects with a total cost of more than \$246 million. In addition to this summary report, the database is capable of producing ad-hoc reports by priority rank, building system, completed and In-process projects in the current fiscal year, and backlog category.

The objective with this document, in addition to identifying our needs, is to raise awareness of the deferred plant renewal liability, and to serve broader facilities planning as well as to set priorities. These facility condition assessments identified needs, preliminary work scope, determined preliminary costs, and prioritized facility projects for the University.

Oakland University completed facility condition assessments in 2006 for 34 campus buildings and updates the assessments of four buildings each year.

## **Executive Summary of 2022 & 2023 Year Projects (Figures provided in millions)**

System Code	Projects Category	2022 Projects Total	Completed Projects	In-Process Projects	New Projects added	2023 Projects Backlog					
AC	Accessibility	\$4.86	\$-	\$-	\$0.45	\$5.32					
CN	Controls	\$5.80	\$0.07	\$0.05	\$0.66	\$6.35					
EL	Electrical	\$18.10	\$-	\$0.05	\$1.75	\$19.80					
EN	Energy	\$3.14	\$1.68	\$-	\$1.97	\$3.43					
ES	Exterior System	\$18.37	\$-	\$-	\$1.64	\$20.01					
FS	Fire/Life Safety	\$18.15	\$-	\$0.17	\$1.88	\$19.85					
HE	Health	\$0.84	\$-	\$-	\$0.08	\$0.92					
HT	High Temp / Hot Water	\$17.35	\$5.63	\$0.77	\$8.04	\$18.98					
HV	HVAC	\$34.39	\$3.10	\$1.14	\$7.43	\$37.58					
IS	Interior System	\$36.74	\$3.45	\$2.04	\$8.88	\$40.12					
IT	Information Technology	\$19.88	\$-	\$-	\$1.86	\$21.74					
PL	Plumbing	\$8.70	\$0.06	\$0.65	\$1.52	\$9.52					
RF	Roofing	\$4.31	\$-	\$0.94	\$0.86	\$4.24					
RW	Roads / Walks / Parking Lots	\$1.33	\$-	\$0.32	\$0.44	\$1.45					
SI	Site	\$4.31	\$0.74	\$2.34	\$3.47	\$4.70					
SS	Security Systems	\$1.81	\$-	\$-	\$0.17	\$1.98					
SW	Storm Water	\$22.07	\$-	\$0.12	\$2.19	\$24.14					
VT	Elevator	\$5.85	\$0.15	\$-	\$0.70	\$6.40					
	Total	\$226.01	\$14.88	\$8.59	\$43.99	\$246.54					
	NET CHANGE FROM PREVIOUS YEAR \$20										

Remarks: Facilities Management continually checks the validity of projects in the database and eliminates those assessed as not viable.

<sup>\*</sup> Current project costs included inflation factor of the previous year's projects.

#### **DEFINITIONS**

Capital Asset Management is a systematic approach to renewing the University's capital assets through planned:

Plant Renewal
Deferred Plant Renewal
Plant Adaptation

These terms have been formally defined by the National Association of College and University Business Officers (NACUBO) as follows:

#### **Plant Renewal**

"...a systematic approach to planning and budgeting for known future cyclical renewal and replacement requirements that extend the (present) life and retain the usable condition of campus facilities and (building) systems ... not normally contained in the annual operating budget. ..." (NACUBO).

Cyclical renewals typically exceed five year cycles and include such items as roof replacement, electrical switchgear, and HVAC system replacement. These expenditures keep the physical plant and related infrastructure in reliable operating condition for its present use.

#### **Deferred Plant Renewal**

"... encompasses measures that are not carried out because of underfunding in the budgeting process or perceived low priority..." (NACUBO).

This includes actual projects, from the prior or current years, not included in the routine maintenance work. These projects represent "Postponed Work" that was deferred because total costs exceed current budget, or projects that are of a "low priority" that present a minimal return on investment. Also included in the Deferred Plant Renewal project list are those projects that were shifted because funds were re-allocated to address emergencies that have no other funding source.

## **Plant Adaptation**

"...improvements are driven by institutional program changes ..." (NACUBO).

This involves a programmatic process to plan and fund for projects that will be required due to an evolving use of the institution (e.g., changes in academic disciplines, shifting expectations, supporting institutional mission, etc.), or changing standards (e.g., campus master plans, architectural standards, etc.). These expenditures are over and above normal maintenance, and are not typically contained in the annual operating budget.

#### **FACILITY CONDITION ASSESSMENT RANKING**

## PRIORITY 1 Current Critical (immediate or current year)

Projects in this category require immediate action to:

- · Return a facility to normal operation
- · Stop accelerated deterioration
- · Correct a cited safety hazard
- · Any other funded projects requiring immediate action or construction

## PRIORITY 2 Potentially Critical (within one year)

Projects in this category, if not corrected expeditiously, will become critical within a year. Situations in this category include:

- Intermittent interruptions
- Rapid deterioration
- Potential safety hazard

## PRIORITY 3 Necessary – Not Yet Critical (within years two – five)

Projects in this category include conditions requiring prompt attention to preclude predictable deterioration or potential down time and associated higher costs if deferred further.

## PRIORITY 4 Recommended (within years six – ten)

Projects in this category include items that represent a sensible improvement to existing conditions. These are not required for the most basic function of a facility; however, Priority 4 projects will either improve overall usability and/or reduce long-term maintenance.

## PRIORITY 5 Recommended (beyond year ten)

Projects in this category may not improve overall usability and/or reduce long-term maintenance; however, they provide an economic payback that would not otherwise be present. Projects in this category may represent to upgrade buildings with current codes during major renovation projects. They may also represent non-time based improvement, upgrade, or recommendation.

#### **ABBREVIATIONS**

<u>CAMPUS SYSTEM</u> Accessibility (AC) Information Technology (IT)

Controls (CN) Interior / Finish System (IS)

Electrical (EL) Plumbing (PL) Energy Management (EN) Roofing (RF)

Exterior Structure (ES) Roads, Walks, Parking Lots (RW)

Fire/Life Safety (FS) Site (SI)

Health (HE) Vertical Transportation (VT)
High Temperature / Heat Water (HT) Security Systems (SS)

HVAC (HV) Storm Water (SW)

**CATEGORY** Plant Renewal (PR)

Deferred Plant Renewal (DPR)

Plant Adaptation (PA)

## **FACILITIES CONDITION NEEDS INDEX (FCNI)**

Facilities Condition Needs Index provides a relative measure for comparing one building (or group of buildings) to another. The index is a simple calculation, derived by dividing the total project costs (for the ten-year window) by the total facilities replacement cost (FRC). When applying the index as an evaluation tool, the lower the number, the better the facility condition. It should also be noted that this is an index, not a percentage. It can (and often does in the case of historic facilities) exceed 1.00.

Individual Building FCNI Range	Condition Description
0.01 – 0.05	Excellent condition, typically new construction
0.06 – 0.15	Good condition, renovations occur on schedule
0.16 – 0.30	Fair condition, in need of normal renovation
0.31 – 0.40	Below average condition, major renovation required
0.41 – 0.59	Poor condition, gut / renovation indicated
0.60 and above	Complete facility replacement indicated

## **FACILITIES REPLACEMENT COST (FRC)**

Facilities Replacement Cost is reported as the total replacement cost for the building or structure and its contents or fixed assets. As an example, the FRC for student housing includes the replacement cost for the building and all the fixtures within each room. Likewise, the FRC for a central heating plant would include the cost of the structure and the boilers, generators and other equipment contained within.

## **Executive Summary**

## All Campus Buildings – Facility Condition Assessment

No.	Bldg. Code	Building Name	Use	Year Built	Square Feet	Facility Replacement Cost	Project Costs	FCNI Total	Benchmark Per APPA
1	AD	Athletic Dome	AUX	2014	110,800	\$7,127,684	\$50,310	0.01	Excellent
2	ANI	Anibal House	HS	1962	20,487	\$5,680,265	\$828,959	0.15	Good Condition
3	AVN	Ann V. Nicholson Apartments	HS	1998	181,291	\$31,809,790	\$741,063	0.02	Excellent
4	ВВ	Belgian Barn	AUX	1935	9,324	\$1,032,045	\$317,535	0.31	Fair Condition
5	BGM	Building Grounds and Maintenance Bldg.	UNIV	1994	14,400	\$1,988,198	\$573,051	0.29	Fair Condition
6	BRS	Biomedical Research Support Facility	UNIV	1999	14,300	\$7,350,579	\$1,119,412	0.15	Good Condition
7	CAS	College of Arts & Science Annex	AD	1987	4,084	\$423,691	\$266,187	0.63	Complete Replacement
8	ccc	Chicken Coop Center *	AUX	1930	8,404	\$1,048,583	\$159,195	0.15	Good Condition
9	CHP	Central Heating Plant	UNIV	1974	16,833	\$47,896,443	\$3,354,148	0.07	Good Condition
10	DH	Dodge Hall	AD	1968	151,204	\$73,680,291	\$21,022,389	0.29	Fair Condition
11	EC	Engineering Center	UNIV	2014	134,286	\$89,301,811	\$54,685	0.00	Excellent
12	ECMB	East Campus & Misc. Buildings	AUX	1929	94,569	\$30,599,653	\$3,367,839	0.11	Good Condition
13	EH	Elliott Hall	AD	2000	74,582	\$22,838,672	\$3,961,861	0.17	Fair Condition
14	ET	Elliott Tower	UNIV	2014	950	\$9,265,989	\$14	0.00	Excellent
15	FM	Facilities Management	AD	2014	7,800	\$2,494,689	\$21,874	0.01	Excellent
16	FTZ	Fitzgerald House	HS	1961	20,610	\$5,714,367	\$822,930	0.21	Fair Condition
17	GAT	Gatehouse at MBH	UNIV	1929	2,032	\$1,335,253	\$578,735	0.43	Poor Condition
18	GHC	Graham Health Center	UNIV	1970	13,161	\$3,145,032	\$1,203,072	0.38	Below Average
19	GLC	Golf & Learning Center	AUX	1914	6,038	\$3,265,267	\$2,669,896	0.82	Complete Replacement

No.	Bldg. Code	Building Name	Use	Year Built	Square Feet	Facility Replacement Cost	Project Costs	FCNI Total	Benchmark Per APPA
20	GLF	Golf Courses	AUX	1914	1	\$34,268,431	\$12,279,986	0.36	Below Average
21	GP	Golf Pavilion	AUX	2014	5,450	\$1,853,198	\$10,937	0.01	Excellent
22	GRN	Greenhouse *	UNIV	1917	3,630	\$2,646,380	\$1,073,563	0.42	Poor Condition
23	GTM	George T. Matthews Apartments	HS	1982	47,464	\$10,838,183	\$3,251,192	0.30	Fair Condition
24	HAM	Hamlin Hall	HS	1968	143,872	\$49,754,546	\$8,220,533	0.17	Fair Condition
25	HCH	Hillcrest Hall	HS	2018	291,488	\$100,424,882	\$54,685	0.00	Excellent
26	НН	Hannah Hall	AD	1961	89,418	\$50,364,742	\$18,873,715	0.37	Below Average
27	ННВ	Human Health Building	UNIV	2012	172,825	\$85,343,438	\$93,997	0.00	Excellent
28	HIL	Hill House	HS	1964	42,522	\$18,064,402	\$9,099,050	0.50	Poor Condition
29	JDH	John Dodge House	AD	1880	10,696	\$2,764,246	\$818,076	0.30	Fair Condition
30	KL	Kresge Library	AD	1961	164,522	\$48,498,740	\$7,122,990	0.15	Good Condition
31	МВН	Meadow Brook Hall	AUX	1929	78,002	\$68,536,863	\$9,944,282	0.15	Good Condition
32	МС	Main Campus	UNIV	1959	0	\$171,342,157	\$33,788,249	0.20	Fair Condition
33	МСМВ	Main Campus Misc.	AUX	1960	17,015	\$6,315,329	\$287,150	0.05	Excellent
34	MSC	Mathematics & Science Center	AD	1997	165,494	\$82,001,344	\$7,251,895	0.09	Good Condition
35	NFH	North Foundation Hall	AD	1959	67,691	\$34,945,951	\$8,566,822	0.25	Fair Condition
36	ОС	Oakland Center	AD	1959	208,787	\$100,342,353	\$9,138,014	0.09	Good Condition
37	ODH	O'Dowd Hall	AD	1982	105,000	\$64,308,059	\$11,020,515	0.17	Fair Condition
38	OIT	O'Dowd Hall IT Network Building	UNIV	2011	822	\$3,102,997	\$164,055	0.05	Excellent
39	OUI	O.U. INCubator Office	UNIV	1983	11,385	\$2,760,934	\$616,563	0.22	Fair Condition
40	OVH	Oak View Hall	HS	2014	164,724	\$42,694,828	\$54,685	0.00	Excellent
44	P29	Parking Structure	UNIV	2002	179,820	\$15,670,954	\$2,346,010	0.15	Good Condition
42	PH	Pawley Hall	AD	2002	132,406	\$36,862,927	\$4,188,239	0.11	Good Condition
43	PRY	Pryale Hall	AD	1963	20,829	\$4,894,451	\$1,341,826	0.27	Fair Condition
44	PS1	Parking Structure	UNIV	2002	179,820	\$13,002,139	\$86,224	0.01	Excellent

No.	Bldg. Code	Building Name	Use	Year Built	Square Feet	Facility Replacement Cost	Project Costs	FCNI Total	Benchmark Per APPA
41	P32	Parking Structure	UNIV	2014	381,782	\$28,839,390	\$1,815,542	0.06	Good Condition
42	PH	Pawley Hall	AD	2002	132,406	\$44,430,032	\$4,704,977	0.11	Good Condition
43	PRY	Pryale Hall	AD	1963	20,829	\$5,899,168	\$1,611,160	0.27	Fair Condition
45	PSS	Police and Support Services	UNIV	1976	26,444	\$6,465,781	\$1,262,767	0.20	Fair Condition
46	RAC	Student Recreation and Athletic Center	AD	1998	253,494	\$64,614,882	\$4,637,055	0.07	Good Condition
47	SFH	South Foundation Hall	AD	1959	55,041	\$27,697,054	\$497,016	0.02	Excellent
48	SGP	O.U. INC. Shotwell Gustafson Pavilion *	AUX	1929	25,850	\$6,643,792	\$1,387,255	0.21	Fair Condition
49	SS	Spenser Substation	UNIV	2003	14,769	\$3,795,828	\$120,046	0.03	Excellent
50	SSC	Steve Sharf Clubhouse	AUX	2011	9,900	\$5,251,687	\$151,021	0.03	Excellent
51	SST	Sunset Terrace *	HS	1952	12,587	\$3,899,084	\$649,278	0.17	Fair Condition
52	UF	Upper Fields Support Building	AUX	2014	2,467	\$648,638	\$10,937	0.02	Excellent
53	VAR	Varner Hall	UNIV	1970	119,939	\$63,179,856	\$70,464	0.00	Excellent
54	VBH	Vandenberg Hall	HS	1967	178,321	\$61,667,876	\$10,217,926	0.17	Fair Condition
55	VWH	Van Wagner House	HS	1965	43,305	\$18,064,402	\$10,632,680	0.59	Poor Condition
56	WH	Wilson Hall and Meadow Brook Theatre	AD	1967	98,153	\$60,351,738	\$23,567,479	0.39	Below Average
57	WHE	Wilson Hall East	AD	2022	40,697	\$4,374,800	\$10,000	0.00	Excellent
			Grand 1	Totals:	4,271,767	\$1,748,665,268	\$246,535,716	0.14	<b>Good Condition</b>

**NOTE:** The FRC is not included site development work, equipment and furnishing, furniture, soft cost, and escalation cost. \* Historical Buildings

Total Cost Per Square
Foot for all Campus
Physical Assets

\$409.35

Total Cost Per Square Foot for all Campus Projects

\$57.71

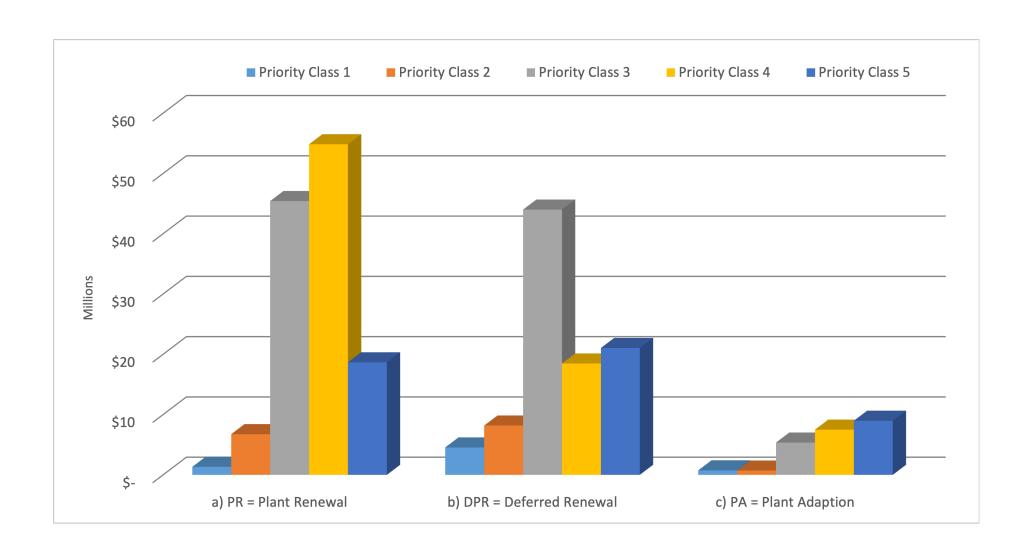


## Detailed Project Summary Facility Condition Analysis Project Class By Priority Class

Subtotal	Priority Class 1	Priority Class 2	Priority Class 3	Priority Class 4	Priority Class 5	Subtotal
a) PR = Plant Renewal	\$ 1,327,816	\$ 6,748,784	\$ 45,417,006	\$ 54,842,800	\$ 18,668,448	\$ 127,004,854
b) DPR = Deferred Renewal	\$ 4,548,837	\$ 8,174,812	\$ 44,004,628	\$ 18,478,535	\$ 21,049,936	\$ 96,256,748
c) PA = Plant Adaption	\$ 742,353	\$ 706,351	\$ 5,359,740	\$ 7,490,434	\$ 8,975,235	\$ 23,274,113
TOTALS	\$ 6,619,007	\$ 15,629,947	\$ 94,781,374	\$ 80,811,773	\$ 48,693,620	\$ 246,535,716



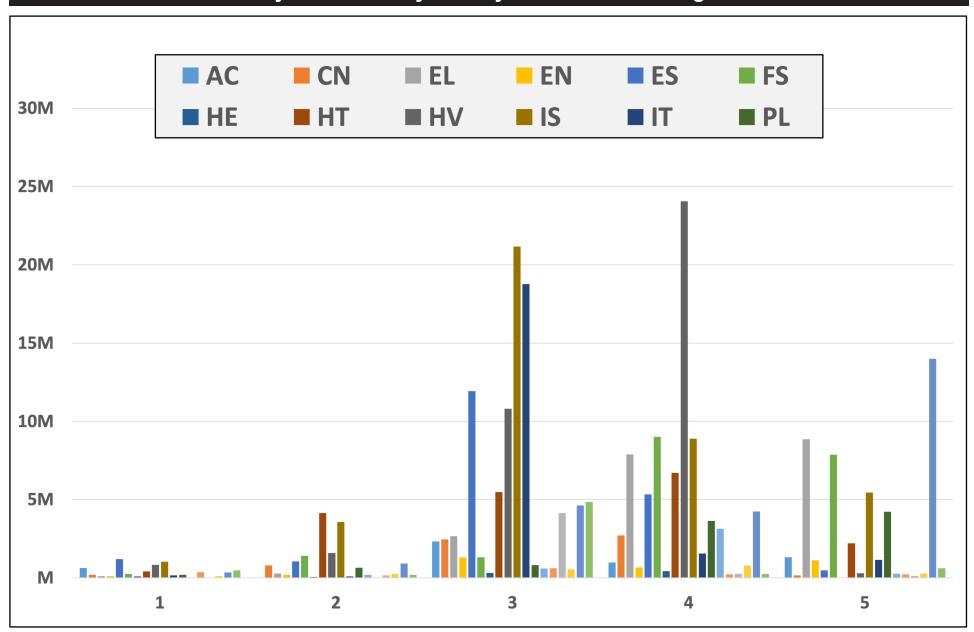
## Detailed Project Summary Facility Condition Analysis Project Class By Priority Class



# Detailed Project Totals Facility Condition Assessment System Code by Priority Class – All Buildings

System Code	System Description	Priority Class 1	Priority Class 2	Priority Class 3	Priority Class 4	Priority Class 5	Subtotal
		FY 2022	FY 2024	FY 2025-28	FY 2029-32	FY 2033+	
AC	ACCESSIBILITY	641,291	22,905	2,337,113	984,947	1,330,081	5,316,337
CN	CONTROLS	203,445	794,936	2,466,481	2,719,584	163,357	6,347,803
EL	ELECTRICAL	114,605	273,463	2,669,445	7,882,375	8,864,573	19,804,461
EN	ENERGY	121,123	204,342	1,307,811	671,202	1,125,971	3,430,449
ES	EXTERIOR	1,203,338	1,054,110	11,939,627	5,336,525	474,060	20,007,660
FS	FIRE/LIFE SAFETY	242,786	1,412,836	1,317,853	9,004,916	7,873,357	19,851,748
HE	HEALTH	103,413	63,665	308,624	433,361	13,436	922,499
HT	HIGH TEMP/HOT WATER	406,905	4,143,211	5,487,561	6,718,976	2,218,413	18,975,065
HV	HVAC	828,388	1,594,737	10,803,430	24,060,345	293,249	37,580,149
IS	INTERIOR/FINISH SYS.	1,028,941	3,574,219	21,174,242	8,899,304	5,445,357	40,122,063
IT	INFORMATION TECH.	170,996	99,056	18,767,644	1,558,910	1,147,412	21,744,017
PL	PLUMBING	200,231	650,934	810,409	3,638,542	4,220,301	9,520,416
RF	ROOFING	33,183	196,029	607,599	3,129,317	270,810	4,236,938
RW	ROAD/WALKS/PARKING	357,893	15,453	611,241	236,945	232,293	1,453,825
SI	SITE	19,116	157,503	4,143,468	256,292	124,342	4,700,721
SS	SECURITY SYSTEMS	106,928	252,689	546,308	789,274	284,283	1,979,481
SW	STORM WATER	347,025	925,709	4,628,442	4,240,606	13,999,923	24,141,704
VT	VERT. TRANSPORTATION	489,400	194,149	4,854,077	250,349	612,404	6,400,379
	TOTALS:	\$6,619,006	\$15,629,947	\$94,781,374	\$80,811,769	\$48,693,620	\$246,535,716

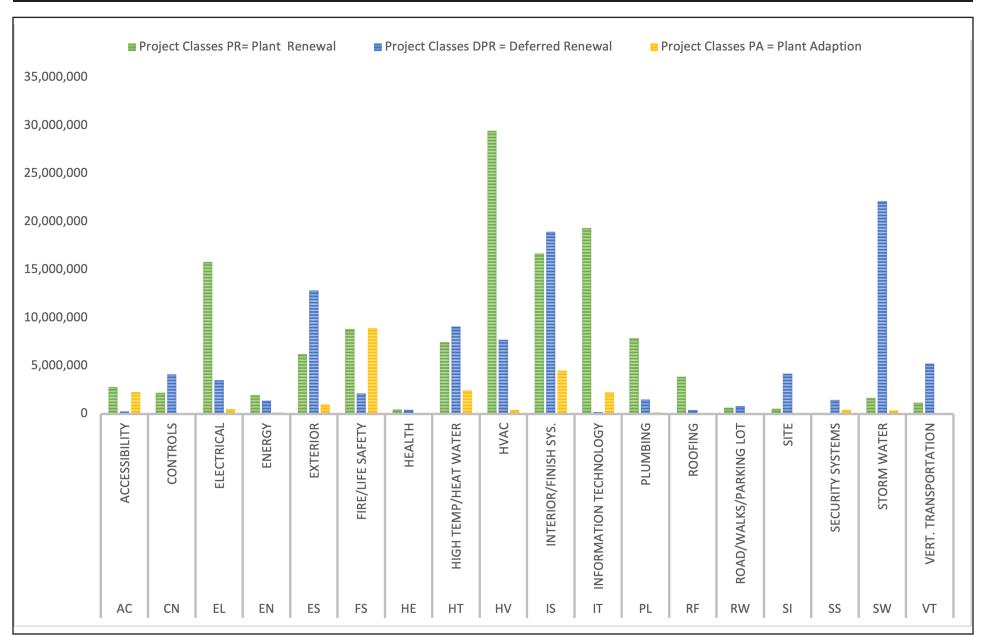
## Detailed Project Totals Facility Condition Assessment System Code by Priority Class – All Buildings



# Detailed Project Totals Facility Condition Assessment System Code by Project Class – All Buildings

			,001 01000			
System Code	System Description	PR= Plant Renewal	DPR = Deferred Renewal	PA = Plant Adaption	Subtotal	%
AC	ACCESSIBILITY	2,568,369	212,707	2,081,712	\$4,862,789	2.15%
CN	CONTROLS	2,004,308	3,761,681	37,323	\$5,803,312	2.57%
EL	ELECTRICAL	14,442,038	3,194,889	462,930	\$18,099,857	8.01%
EN	ENERGY	1,775,538	1,246,175	115,116	\$3,136,830	1.39%
ES	EXTERIOR	5,700,412	11,797,144	870,385	\$18,367,941	8.13%
FS	FIRE/LIFE SAFETY	8,093,658	1,926,087	8,130,587	\$18,150,332	8.03%
HE	HEALTH	434,260	396,845	12,284	\$843,389	0.37%
HT	HIGH TEMP/HEAT WATER	6,809,895	8,316,891	2,221,737	\$17,348,523	7.68%
HV	HVAC	26,965,356	7,045,997	377,646	\$34,389,000	15.22%
IS	INTERIOR/FINISH SYS.	15,291,670	17,357,771	4,092,930	\$36,742,371	16.26%
IT	INFORMATION TECHNOLOGY	17,679,316	177,284	2,023,582	\$19,880,182	8.80%
PL	PLUMBING	7,195,990	1,370,582	137,190	\$8,703,761	3.85%
RF	ROOFING	3,933,779	374,341	0	\$4,308,120	1.91%
RW	ROAD/WALKS/PARKING LOT	572,994	756,191	0	\$1,329,186	0.59%
SI	SITE	474,334	3,835,788	0	\$4,310,122	1.91%
SS	SECURITY SYSTEMS	97,755	1,322,602	389,312	\$1,809,669	0.80%
SW	STORM WATER	1,523,837	20,230,943	317,250	\$22,072,030	9.77%
VT	VERT. TRANSPORTATION	1,068,417	4,775,470	8,146	\$5,852,033	2.59%
	TOTALS	\$127,004,854	\$96,256,748	\$23,274,113	\$246,535,716	100.00%

## Detailed Project Totals Facility Condition Assessment System Code by Project Class – All Buildings



## **Implementation Plan**

## **State Funding Request**

In the future, as additional state projects are considered, Oakland University has need for the following based on program growth, opportunity and State needs:

## **Science Complex**

The FY2023 Project Request is for the transformation of the Science Complex into a modern facility featuring the latest technology and equipped teaching and learning classrooms and laboratory spaces, targeted for our growing Science, Technology, Engineering, and Math (STEM) curriculum and sponsored research. The Science Complex is currently equipped with aging infrastructure such as fume hoods, backup electrical systems and other critical laboratory systems for academic programs.

The Science Complex dates back to the 1960's and is one of the oldest structures on campus. It has greatly surpassed the service life of the building systems, which were not originally intended to be used for research purposes. This proposal will enhance the University's ability to support modern styles of teaching and learning for the sciences and provide capacity and technology for state-of-the-art laboratories for teaching and sponsored research.

## **University Funded Priorities**

#### **Wilson Hall Expansion (funded)**

Project S.U.C.C.E.S.S. is a 40,000-square-foot addition to Wilson that will house new and renovated space for University Admissions, the Welcome Center, the Tutoring Center, Disability Services, a testing center, as well as administrative offices.

## **Elliott School of Business Administration Expansion and Renovation**

The expansion and renovation of the School of Business Administration building will double the square footage of the current facility (Elliott Hall). Funded through design only.

### Galloway Creek Ecosystem Restoration Project (externally funded)

This project includes improvements to the regional drainage system, which traverses the campus.

## Varner Hall (funded)

This \$45 million project consists of critical updates to the building's infrastructure including HVAC, plumbing, electrical, technology, elevator and exterior envelope. The renovation is also designed to take care of accessibility issues and improve public and student gathering spaces.

#### Student Athlete Development Center (donor funding being sought)

This multi-phased renovation will expand the existing athletic facility and provide much needed improvements to the facility. Building systems will be updated or replaced and interior spaces will be renovated to accommodate Oakland's athletic programs.

## **High Temperature Hot Water System (funded)**

This is a 5-phase replacement of piping from the Central Heating Plant to campus buildings.

#### **Off-Campus Research Facility (funded)**

This project involves the purchase and renovation of an industrial building to house offices and research laboratories for the School of Engineering and Computer Sciences projects requiring high bay spaces.

## **Oakland University West Campus**

This project involves the purchase and renovation of a 141,000 sf building previously owned by Baker College. The School of Nursing and a newly formed Physician's Assistant program, along with other health sciences related programs, are primary users of the space.

## **Future Projects Under Consideration**

Our Comprehensive Campus Master Plan has identified short, midterm and long range opportunities for internal initiatives as well as external development opportunities. These include additional student housing, classroom and administrative facilities, athletics and recreation facilities, and performing arts center, among others. An update to the plan is underway and will consider development opportunities to campus edge districts. It will also address in greater detail the Meadow Brook Estate, its historic assets, and their important relationship to the main campus.

#### Plant Renewal / Deferred Plant Renewal

As previously noted, Plant Renewal and Deferred Plant Renewal projects total more than \$223 million of the \$246 million Facility Condition Analysis. The current average annual investment is approximately \$1.6 million from General Fund budgets and maintenance endowments; approximately \$3.5 million from Auxiliaries Maintenance Reserves; and \$0.9 million from University Technology Services budgets.

## OAKLAND UNIVERSITY...