

Capital Development Projects are defined as:

- New square footage with a construction cost over \$250,000
- Renovation, alteration, construction, site, or utility project over \$2.5 million

2027 LRBP Capital Project – Preliminary Consolidated List

(Does not include Authority Only portion of requests)

Rank	Campus	Project Title	Preliminary Request Amount	Project Category
1	Bozeman	Cheever Hall Deferred Maintenance and Accessibility Modernization	\$ 29,100,000	Renovation & Enhancements
2	Missoula	Instructional Space Improvements, Accessibility and Modernization	\$ 19,875,000	Renovation/ Modernization
3	Billings	General Education Building Plumbing Replacement	\$ 4,225,000	Damage / Wear-Out
4	Missoula	Natural Sciences Deferred Maintenance and ADA Modernization	\$ 14,000,000	Renovation/ Modernization
5	MAES	MAES Research and Maintenance Facility Improvements, WARC/CARC	\$ 2,475,000	Immediate Life & Safety
6	Bozeman	Instructional Space Improvements, Accessibility and Modernization	\$ 11,135,000	Renovation & Enhancements
7	MAES	MAES Asset Protection Facilities and Emergency Preparedness (Multiple Sites)	\$ 14,035,000	Damage / Wear-Out
8	Missoula	Main Hall Deferred Maintenance and ADA Modernization	\$ 23,000,000	Renovation/ Modernization
9	Missoula	Rankin Hall Deferred Maintenance and ADA Modernization	\$ 14,000,000	Renovation/ Modernization
10	MT Tech	Library Deferred Maintenance and Modernization	\$ 19,000,000	Renovation/ Modernization
11	Bozeman	Lewis Hall Renovation	\$ 41,505,000	Renovation & Enhancements
		System Total	\$ 192,350,000	

1. Cheever Hall Deferred Maintenance and Accessibility Modernization, MSU

- Constructed in 1974, Cheever Hall is the longtime home of Montana State University's School of Architecture, the only accredited program in the state.
- Deficiencies in space availability (undersized), and space quality for studio-based learning have been noted in multiple accreditation reviews, including the most recent 2023 review.
- A renovation and addition to Cheever Hall will ensure continued accreditation of the architecture program and provide modern space for program growth to meet the needs of Montana businesses in the growing design and construction industry.
- The project design will improve flexibility of space design to improve space utilization rates and foster interdisciplinary education and collaboration across colleges and departments.
- Improvements will also address significant deferred maintenance needs in the aging facility related to mechanical, electrical, and plumbing systems.

2. Instructional Space Improvements, Accessibility and Modernization, UM

- This project will target classrooms, laboratories, and learning support facilities like restroom spaces in campus buildings that are older than 40 years.
- Renovations will modernize these spaces with upgrades to lights, seating, finishes, windows, HVAC, furniture, and AV technology.
- Together, these spaces maximize benefit of student experience by focusing on modernization, comfort, and code compliance.
- This project continues to improve classroom and learning support functions for University of Montana students that have been taking place for the last 8 years, through a blend of institutional and LRBP funds.

3. General Education Building Plumbing Replacement, MSU

- Constructed in 1970, this building is home to nine departments and programs making it one of the most highly utilized academic buildings on campus.
- Plumbing failures have created extensive secondary damage to electrical systems, drywall, ceilings, walls, and finishes, resulting in area closures and repair costs.
- The project will replace failing sanitary waste and vent piping and domestic water lines throughout the building.
- The building continues to experience recurring plumbing maintenance issues, reflecting ongoing deferred maintenance challenges.
- The project will improve building water efficiency through fixture replacements while retiring extensive deferred maintenance.

4. Natural Sciences Deferred Maintenance and ADA Modernization, UM

- Built in 1919, this building houses classrooms, labs, and faculty offices.
- This project will add an elevator and address ADA accessibility throughout; upper two levels are currently inaccessible.
- This project will address extensive deferred maintenance, including building-wide HVAC, electrical, and plumbing repairs.

5. MAES Research and Maintenance Facility Improvements (WARC/CARC), MAES

- The construction of a dedicated Maintenance Facility at WARC will allow replacement of an existing, structurally deficient, aging, and undersized shop facility while providing improved space flexibility to ensure long-term value of the investment. The facility will provide modern, safe, appropriately sized, and outfitted maintenance space to support research operations and equipment maintenance. The facility will increase the longevity of critical, expensive research equipment and improve overall operational efficiency of WARC.
- The existing CARC central research office has limited space and functionality to meet the needs of growing research and public outreach activities. Renovation of the existing space will increase space utilization and address HVAC deficiencies and deferred maintenance. Construction of an additional 1,500 square feet of space will support student, staff, and faculty research needs, advisory meetings, and public outreach activities with flexibility to serve CARC well into the future.

6. Instructional Space Improvements, Accessibility and Modernization, MSU

- Investing in instructional spaces will enable modernization of over 20 of the least desirable instructional spaces on campus.
- The improvements will turn the worst learning environments on campus into some of the best.
- The project will prioritize instructional spaces identified as “high priority” through MSU’s data-driven biennial condition assessment of every instructional space on campus.
- The space improvements will substantially increase utilization rates of existing instructional space, maximizing MSU’s use of existing assets.
- The project will bring spaces into alignment with current instructional standards and enable innovative teaching modalities.

- The project will enhance accessibility, instructional flexibility, and overall student success.

7. MAES Asset Protection Facilities and Emergency Preparedness (Multiple Sites), MAES

- The project will invest in new research asset protection facilities across multiple MAES sites to provide approximately 66,000 square feet of secure, protected space for critical research and operational equipment across approximately nine facilities. The prioritized facility sites currently have high value agricultural and research equipment exposed to harsh weather, vandalism, and theft resulting in high operations and maintenance costs and shortened equipment replacement cycles. The project will provide a quality return on investment. Existing MAES storage facilities are over 51 years old on average with extensive deferred maintenance and are undersized for modern equipment. The project will decrease exposure-related equipment damage, reduce the risk of theft and vandalism, and extend the useful life of equipment. The facilities will enhance operational efficiency.
- The project will install emergency generators at approximately seven priority research sites to ensure uninterrupted operations and to protect mission critical research during power outage events which are common across the remote research centers. Over seven power outages have resulted in research losses since 2020 with many additional outages where losses were mitigated through staff response in severe and unsafe weather conditions. Research conducted across MAES research centers often depends on crop variety development spanning decades and an unmitigated power outage can set research back years, hurting the competitiveness of Montana's agricultural economy. The project's focus on automation and resilience of systems will reduce safety risks to research facility staff responding to outages in inclement conditions.

8. Main Hall Deferred Maintenance and ADA Modernization, UM

- Built in 1898, this historic building includes administrative offices and meeting/classrooms.
- This project will address extensive deferred maintenance, including mechanical, electrical, and plumbing capacity.
- Renovations will also improve building safety, fire suppression, and ADA accessibility throughout.
- The building is not ADA accessible, requiring the addition of restrooms and elevator to access all floors.

9. Rankin Hall Deferred Maintenance and ADA Modernization, UM

- Built in 1909, this building houses classrooms and faculty offices.
- This project will add an elevator and address ADA accessibility throughout.
- Upgrades are proposed to technology systems.
- This project will address deferred maintenance to modernize the HVAC and electrical systems.
- Renovations will address life safety and code compliance throughout.

10. Library Deferred Maintenance and Modernization, MT Tech

- Built in 1977, the library is comprised of both a library that is used as a reference center and academic study space for students and an auditorium that is used for academic instruction, hosting special events, and large meeting space.
- As online learning has surpassed traditional hard copy books for research and information gathering, the massive amount of space currently housing reference books is greatly under-utilized and outdated.
- Modernizing and renovating the library space would provide an exciting space to advance academic learning, collaboration, and study opportunities.

11. Lewis Hall Renovation, MSU

- Constructed in 1922, Lewis Hall currently has limited functional use for modern education after over 100 years of service to MSU. The whole-building renovation will modernize classrooms and instructional laboratories, creating state-of-the-art learning environments.
- The project will significantly expand student learning capacity and more than triple space utilization rates.
- The renovation will transform the student experience for over 1,850 students per year who are anticipated to learn in the new space.
- *The project will retire critical deferred maintenance including insufficient life-safety, ventilation, electrical, and plumbing systems.
- Upgrades will ensure code compliance, improve occupant safety, and provide full ADA accessibility, building upon the significant accessibility improvements being made possible by past appropriations (without re-work).