Health Sciences - Construction
$49.9 million

CWU’s top capital budget request is funding for the construction of a Health Sciences facility. The facility will serve programs in nutrition/dietetics, clinical physiology, exercise science, public health, and emergency medical services - paramedicine. The project replaces the 50-year old Hertz Hall, which has serious deficiencies in structural and building systems.

Enrollment is capped in many of these health science programs, due to insufficient quality and quantity of space. Faculty and students now are dispersed among five buildings that range in age from 25 to 53 years. None of these features modern classroom technology. The substandard space threatens to degrade retention, time to degree, and degree production.

The proposed new building will allow CWU to accommodate pressure for degrees and certificates in high-demand health professions. It will significantly improve the quality of laboratory, technology and student spaces, and, for the first time, bring together health sciences teaching and learning in a single building.

The Health Sciences Department offers the following:

Bachelor of Science Degrees:
• Exercise Science (EXSC)
• Clinical Physiology
• Food Science and Nutrition
• Paramedicine
• Public Health

Master of Science Degrees:
• Master of Science: Integrative Human Physiology
• Master of Science: Nutrition

The Health Sciences Facility will support public health activities in a region where health services are scarce. For example, twice a year faculty and students partner with the EASE Cancer Foundation to provide three-day cancer survivorship workshops. Clinical Physiology faculty provide one of the only cancer survivor rehabilitation programs in the West, including educational components designed to change lifestyle habits and improve physical abilities and functional independence.

The paramedicine faculty provide refresher courses in specialty areas such as “Wilderness Medicine” and “Disaster Preparedness” for paramedics in the region.

The facility will be an education resource in central Washington, where access to public health information and education is difficult. The cadaver lab provides clinical experiences for several regional nursing programs and also used by physical therapists, occupational therapists, and massage therapists who need to refresh or update skills. The new Health Sciences facility will be located facing community neighborhoods in order to encourage public access to public health information, services, and training: e.g. CPR classes, first aid training, nutritional assessments, body composition analysis and fitness analysis, lectures on diabetes, smoking, cancer, and other subjects.

CWU has partnered with Yakima’s Pacific Northwest University of Health Sciences to form the Yakima Valley Inter-professional Practice and Education Initiative (YVIPEC). The initiative will produce new and additional collaborative approaches to regional healthcare, while improving access to care at the same time.

The Health Sciences project significantly reduces deferred maintenance by replacing Hertz Hall, which was constructed in 1962 as a music building and has never had a major remodel. With very few exceptions systems located within the building are the original equipment and are now 52 years old. However, the service life for pumps is 20 years, motors 18 years, controls 15 years, heat exchangers 24 years, water/steam coils 20 years, electric coils 15 years, fans 20-25 years, radiant heat 25 years, and unit heaters 13 years. Therefore, nearly all systems within this building have exceeded their useful service life and have little residual value.

State Investment in Health Sciences
Washington state has so far invested $4.6 million in this project. CWU seeks $49.9 million to complete it during the 2017-19 biennium.

• $300,000 in pre-design funding for this project during the 2011-13 biennium
• $4.3 million in the 2015-2017 biennium for design
• $49.9 million in the 2017-2019 biennium for construction
The Legislature’s has relied on a single, objectively prioritized list of capital projects to inform funding decisions since 2012. The prioritization process considers the overall benefit to the state and the efficiency of the investment in the project within key categories. CWU’s 2017-2019 priorities by category include the following:

**DESIGN**
1. Farrell Hall – $3.9 million
   The project expands degree production and ensures safe and modern space with the renovation and expansion of this 40-year old building.

**PREDESIGN**
1. Psychology Renovation – $300,000
   The project expands degree production by returning to service a wing of the building closed for decades due to lab contamination. The project enhances energy efficiency and improves the safety and academic quality of the 44-year-old facility.

**STAND ALONE**
1. Aviation Expansion - $9.9 million
   The project supports industry and student demand for aviation degrees by expanding hangar and classroom space at Bowers Field Airport.
2. Randall-Michaelsen – $7.9 million
   The project accommodates state and federal disability access laws, ensures safe and modern academic space in this 50-year-old building.
3. Lind Phase 2 – $9.2 million
   This project renovates existing space and systems in order to support new program needs in the building.
4. Bouillon Phase 2 – $9.6 million
   This project renovates existing space and systems in order to support new program needs in the building.
5. Brooks Library – $9.9 million
   The project reduces utility and maintenance costs, and provides safe and modern academic space in this 40-year-old state facility.

**INFRASTRUCTURE**
1. Energy Systems Efficiency – $15 million
   The project reduces energy consumption and ensures reliable heating by replacing the 50-year old boilers with a gas-fired, combined-heat and power plant.
2. Communication Security – $2.7 million
   This project reduces costs and ensures secure telecommunications by replacing an old copper-wire phone system with modern Voice over Internet Protocol (VoIP).

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