

Utah State University 5-Year Plan FY 2018

Biology and Natural Resources Renovation

The Biology and Natural Resources Building (BNR) renovation consists of 50,000 GSF of renovated space and 10,000 GSF of new space in BNR.

Programming for this project has been completed and has provided a cost effective approach for utilizing new and renovated space for teaching and research labs, classrooms, study space, and offices. The renovation of these spaces along with the construction of the recently funded new science building are required to meet the needs of nearly 600 undergraduate biology majors, as well as hundreds of non-majors who are preparing for careers in the health professions, agriculture, and natural resources.

The renovation of BNR will include the addition of a new circulation tower on the NW corner to serve all four levels. This addition provides needed ADA, restroom, exit stair, and elevator upgrades for the building. A 2,000 NSF addition to the west entrance will provide a lobby and student study space outside the 300 seat auditorium. The BNR does not currently have any study or collaboration space available for students.

Space projections and allocations are based on the program completed for the project in the spring of 2016. Compatibility of space function and type within the BNR were considered and prioritized to minimize cost and maximize efficiency and functionality for the renovation.

Approximate Budget \$25,000,000

Student Center

The New Student Center project will provide approximately 250,000 – 300,000 GSF to replace the existing aging Taggart Student Center. It will consolidate several other student programs housed in other buildings on campus. The new Student Center is proposed to replace several buildings to the north of the existing building, including the Military Science and Big Blue Parking Terrace. This site sits in the heart of the Student Services District, with prominent street frontage at the east entrance to campus and along 700 North, the main campus circulation corridor. The building will sit opposite the new Aggie Recreation Center and Aggie Legacy Fields, reinforcing and complimenting the student activities taking place in those facilities. Underground parking will be included under the new structure.

Approximate Budget \$75,000,000

Teaching and Learning Center (CHaSS)

The College of Humanities and Social Sciences (CHaSS) is planning to consolidate all CHaSS facilities into a complex of four buildings in the vicinity of the Family Life and Ray B. West Buildings on the SW corner of the main Logan campus. The 200,000 square foot complex will serve as a destination learning center for language acquisition and cultural studies that foster understanding and informed leadership, designed to teach students to become effective global citizens.

The new Global Communication and Culture Complex will be completed in three phases. The first phase will be the design and construction of a new Teaching and Learning Center, the second phase will be a renovation of Ray B. West and Family Life, and the third phase will be a new building for Utah Public Radio.

Approximate Budget \$50,000,000

Animal Science Renovation

The existing Animal Science building located on the north side of the Quad is listed on the national register of historic buildings. It occupies a major presence on the Quad and has served a variety of functions throughout its life. The building is constructed of un-reinforced masonry and has concrete floors and a timber roof. The roof is structurally deficient and is not connected to the walls other than by gravity. The building has no air conditioning and occupants struggle during the summer months to keep computers operating. The open stairway is a life safety concern and needs to be addressed because in the event of a fire it would act as a chimney.

Approximate Budget \$15,000,000

Health, Physical Education, and Recreation (HPER) Renovation/Addition

The HPER building was constructed in 1972 and was projected to support a student population of 12,000. The main purpose for the facility is to serve the instructional needs of the Emma Eccles Jones College of Education and Human Services as it prepares students to serve in the areas of physical education, parks and recreation, and other exercise careers. In addition it is intended to serve as a recreational facility for students at large. The present on-campus student population is approximately 17,000 and the existing facility is inadequate for the instructional needs of the University, much less the recreational needs of its students. Class scheduling is limited by the space available and recreational use is crowded out by class time. This project adds approximately 80,000 square feet of new space for additional classrooms and labs for exercise physiology and cardiovascular research as well as gymnasias, ball courts, weight training and instructional space for rock climbing. In addition, a number of much-needed repairs and upgrades to the existing mechanical systems will be implemented. The swimming pools have

rust stains around the edges of the pools indicating that the steel reinforcing the concrete is corroding and there is public concern about the ability to maintain a sanitary environment for students and visitors.

Approximate Budget: \$45,000,000

Non State Funded Capital Development Projects Fiscal Year 2018

Project #1 Phase II Housing – Mountain View Residence Hall Replacement

The Mountain View Residence Hall replacement will include the demolition of an aging high rise residence hall on central campus. A new residence hall will replace the beds plus provide approximately a five percent increase to accommodate future growth. The existing facility has many structural and code deficiencies, and is in need of major upgrades to systems including an elevator replacement. It is also traditional dormitory style housing, which is not desirable to the contemporary student body.

The new building will implement the second phase proposed by the Master Plan for housing replacement in the North Core District of central campus. The site is adjacent to the existing building to be demolished, and will have convenient access to parking, recreation and dining services.

Approximate Budget: \$30,000,000

Project #2 Interlocking Cross Laminated Timber (ICLT) Building – Kaysville

The Interlocking Cross-Laminated Timber (ICLT) Building will be a new building on the USU Utah Botanical Center Campus in Kaysville. The building will be approximately 4,000 and will function as a large classroom for USU Extension and community programs and as event space serving up to 175 people. It will include a pavilion to support edible demonstration garden events, a demonstration kitchen/teaching kitchen, and an interpretive display of the building design and technology. Funding for design and engineering is paid for via a grant from the USFS. The actual building costs (materials, construction and soft costs) will be funded primarily through private donations.

The building design was funded with a grant from the United States Forest Service to explore innovative building technologies using large timbers salvaged from beetle killed or fire killed trees. This technology is an efficient and sustainable alternative building technique making use of wood that otherwise is considered waste.

Approximate Budget: \$1,500,000