1. Natural History Museum – A permanent location to display the College’s diverse scientific collections, ranging from insects and bird eggs to fossils, rocks and minerals. Some collections date to the 1800s. Displays will complement courses being taught so students can use the collections to support their studies. Its location is easily accessible for outside visitors and is near the central lobby for social functions. Three display areas provide space for student research posters.

2. Organic Chemistry Suite – Includes a large teaching lab with adjoining instrument room, data analysis computer room and nuclear magnetic resonance room. The lab is equipped with explosion-proof refrigerators (upright and under-counter) and will be used for upper-level chemistry labs, equipped with explosion-proof refrigerators (upright and under-counter) and will be used for upper-level chemistry labs, including organic, inorganic, physical and advanced.

3. Student/Faculty Lounges – Open and airy with a raised bar for snacking and studying.

4. Water Wall – Located in the central lobby, this feature links the two stories of the central lobbies and provides a visual focal point at the entrance of the auditorium. It is 7 feet wide and 28 feet tall, and continuously recirculates about 60 gallons of water. Its LED lighting can be set for various color schemes and timing, and proudly displays the Wilson College official seal.

Architectural Design – The exterior melds Pennsylvania limestone and brick with arches and other architectural elements to match the architectural integrity of other campus buildings on the National Register of Historic Places.

Green – The building meets strict environmental standards for energy efficiency and was the first building in Franklin County to be LEED certified. It achieved gold-level LEED certification. Leadership in Energy and Environmental Design is a nationally accepted benchmark for the design, construction and operation of “green” buildings. The LEED program mandates high environmental standards in energy efficiency and the use of chemicals, natural building materials and native vegetation.

Technology – Every classroom has built-in projectors with touch-control-screen podiums that include document imaging cameras for image projection. Three plasma television screens can be used to display national news, data or project programs, and events being held in the auditorium. The building has wireless capabilities for general Internet access.

By the Numbers

Existing Building (Renovation of Havens Science Center) = 51,500 square feet
Building Addition = 25,000 square feet
Total Building Area = 76,500 square feet

Laboratory Suites: 11
First floor, 6 – Anatomy/Physiology, Behavioral Sciences, Ecology/Field Studies, General Biology, Microscopy/Imaging and Veterinary Medical Technology/Equestrian.
Second floor, 5 – Biochemistry/Molecular Biology, General/Analytical Chemistry, Organic Chemistry and Physics/Cell Culture

Classrooms: 6 (3 hold 36 students, 3 hold 18 students)
Auditorium Seating: 323
Seminar Rooms: 4 (hold 10 students)
Computer Labs: 2 (one on each floor)
Wilson College has a rich history of educating women who go on to distinguished careers in the sciences and science-related disciplines. The Harry R. Brooks Complex for Science, Mathematics and Technology will further that legacy by providing up-to-date facilities that can also accommodate future advances in teaching, learning and practicing science at the undergraduate level for many years to come.

All Wilson College, students study science and math as part of a liberal arts education, and more than half are enrolled in science-based majors. The state-of-the-art Brooks complex, which has been certified at the gold level by the Leadership in Energy and Environmental Design (LEED) program, will help Wilson accommodate predicted enrollment increases in the sciences. It will also help the College deliver on its promise to encourage women and girls to pursue careers in the sciences.

In addition to 25,000 square feet of new classroom, laboratory and office space, the complex includes a complete renovation of 51,500 square feet of existing space. The two-story addition wraps around the renovated auditorium, providing not only new instructional spaces, but also a greenhouse and large central atrium flooded with natural light. All labs meet current teaching standards and classrooms are designed for versatility. A museum of natural history will showcase the College’s impressive artifacts and scientific collections. The building will also feature display areas for student and faculty projects and serve as a welcoming environment for receptions and special events.

Total construction and renovation costs: $25 million, including equipment, furnishings and funding for operations.

1. Auditorium – The original auditorium has been redesigned to accommodate 323 people and offers complete handicap accessibility on two levels. Fixed theater-style seating with tablet arms, fixed tables and movable chains make the space functional for both large assemblies and small classes. State-of-the-art audio and visual communication systems provide for a variety of multimedia capabilities. All systems, including multiple lighting levels, are controlled from a central podium at the front of the room. Three screens can project the same image or be used individually. Streaming video can provide webcasts and teleconferences.

2. Atrium – The atrium is the main entrance to the auditorium. It joins the old and new construction with covered patios, east and west, providing natural light and public spaces for gatherings and receptions.

3. Greenhouse with Tropical Room Zone – For teaching and lab support, the greenhouse will enable the college to maintain its own plant collections. Two zones will allow for all types of plants, from tropics to sub tropics and aquatics. The zones can be programmed and automatically monitored for humidity, temperature, misting and ventilation. A weather station on the roof will measure wind speed and temperature.

4. Welcome Lobby – The lobby will be used for gatherings and receptions. It includes a snack kiosk and faculty and administrative assistant office, and accesses the elevator leading to second floor and stairways leading to the auditorium.

5. Example: VMT Teaching Lab – This teaching lab will be used to teach hematology, critical chemistries, urinalysis and various analyses of body fluids for microbiology. The suite includes a video scope, compound microscopes, hematology and chemical angiizes centrifuges, blood rookers and other teaching technology.