

DEGREES: UNDERGRADUATE-LEVEL

Bachelor of Arts Degrees

The specific requirements of individual majors leading to the Bachelor of Arts degree vary widely. No department may specify more than 80 semester credit hours (including prerequisites, required courses, and related laboratories) for the Bachelor of Arts. Students in architecture must complete at least 45 semester credit hours in coursework outside of major requirements.

Bachelor of Science Degrees in the Wiess School of Natural Sciences

The Bachelor of Science degree is offered with majors in astrophysics; biosciences; chemical physics; chemistry; earth, environmental and planetary sciences; environmental science; mathematics; and physics. The specific degree requirements vary from field to field and differ from those of the Bachelor of Arts in that there are greater technical requirements. No department may specify more than 80 semester credit hours (including prerequisites, required courses, and related laboratories) for the Bachelor of Science.

Bachelor of Science Degrees in the George R. Brown School of Engineering

- Bioengineering (BSBE)
- Chemical Engineering (BSChE)
- Civil Engineering (BSCE)
- Computer Science (BSCS)
- Electrical Engineering (BSEE)
- Materials Science and NanoEngineering (BSMSNE)
- Mechanical Engineering (BSME)

The Bachelor of Science degree in a given engineering field is distinct from the Bachelor of Arts degree in that it must meet greater technical requirements. In establishing a departmental major for the Bachelor of Science degrees, departments may specify up to a defined maximum number of hours of coursework towards that major (including prerequisites, required courses, and related laboratories).

For the declared majors associated with the Bachelor of Science degrees, the Bioengineering department specifies up to 99 semester credit hours of coursework towards its major; the Chemical and Biomolecular Engineering department may specify up to 97 semester credit hours; the Civil and Environmental Engineering department up to 95; the Computer Science department up to 85; the Electrical and Computer Engineering department up to 86; the Materials Science and NanoEngineering department up to 95; and the Mechanical Engineering department specifies 87 semester credit hours of coursework.

To earn the corresponding Bachelor of Science degrees, students must meet the following minimum semester credit hour requirements in total coursework:

- Bioengineering majors – a total of at least 131 semester credit hours
- Chemical Engineering majors – a total of 132 semester credit hours

- Civil Engineering majors – a total of at least 133 semester credit hours
- Computer Science majors – a total of at least 128 semester credit hours
- Electrical Engineering majors – a total of at least 134 semester credit hours
- Materials Science and NanoEngineering majors – a total of at least 132 semester credit hours
- Mechanical Engineering majors – a total of at least 127 semester credit hours

The programs leading to BS degrees in Bioengineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Materials Science and NanoEngineering, and Mechanical Engineering are accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org>.

Other Bachelor's Degrees

The professional Bachelor of Architecture (BArch) degree requires a fifth year of study and a one-year preceptorship. The Bachelor of Music (BMus) degree requires advanced courses in performance and ensemble in addition to the core music curriculum.