Degree Programs Available

Bachelor of Science degrees in:
- Aerospace Engineering
- Architectural Engineering
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computational Engineering
- Electrical Engineering (including Computer Engineering)
- Environmental Engineering
- Geosystems Engineering & Hydrogeology (offered jointly with the Jackson School of Geosciences)
- Mechanical Engineering
- Petroleum Engineering

Prospective Engineering transfer students are urged to become familiar with the School’s curricula and rules in the Undergraduate Catalog 2018–2020 at registrar.utexas.edu/catalogs/.

External Transfer Admission in Engineering

- Admission is competitive in the Cockrell School; acceptance depends upon available space and the applicant’s qualifications compared to the entire applicant pool. Preference is given to external transfer applicants who select Engineering as their first-choice major; Geosystems applicants are required to select the major as their first choice.
- External transfer students are admitted to Engineering only in fall semesters; applications are not considered for spring or summer admission.
- To be considered for transfer admission in engineering, applicants must have transferable credit for a minimum of four technical courses including MATH 2413, MATH 2414, and PHYS 2425 (lecture and lab credit counts as two UT courses). Applicants are more competitive with further technical coursework in biology, chemistry, engineering, geology, mathematics, and physics as recommended in this Guide for each major.

Use of Transfer Credit Toward Degrees

The Office of Admissions evaluates courses from other institutions for comparability with UT Austin coursework, but the student’s major department in the Cockrell School approves transfer credit for use in a degree program.

- Questions concerning degree/graduation requirements and degree applicability of transfer credit should be directed to Engineering Student Services, EER 2.848, 2501 Speedway, Austin TX 78712 (512/471-4321). Prospective student information is at www.engr.utexas.edu/future/.
- Questions concerning transfer admission and transfer credit evaluation should be directed to Admissions Customer Service (512/475-7399). Admission information and Transfer Guides for other UT undergraduate programs are at admissions.utexas.edu/apply/transfer-admission/.

Special Notes

- Core curriculum transfer credit from Texas community colleges is guaranteed to apply toward the UT Austin core, but degree plans may specify how to fulfill some core requirements. Recommendations in this Guide satisfy core requirements with courses normally prescribed by a student’s major field of study at UT.
- Recommended courses do not include Skills & Experience Flag requirements, which are intended to be satisfied by courses taken in residence at UT Austin (see ugs.utexas.edu/flags/students/).
- Courses in which grades lower than C– are earned do not transfer. Grades from transfer credit are excluded from a student’s internal UT Austin grade point average computation.
- Physical education activity courses do not count toward degree requirements in the Cockrell School, but grades and credit count toward external transfer admission.
- The dean, upon recommendation of the department adviser, has the authority to substitute an equivalent air force science, military science, or naval science course or courses for a course or courses prescribed by the Cockrell School of Engineering, up to a maximum of 12 semester credit hours. Core Curriculum courses cannot be substituted.
Courses Recommended for Transfer

Listed in Austin Community College course designations.

**Writing / Humanities (core 010 & 040)**

- **English Composition & first (core) Writing Flag** – ENGL 1301+1302.  
  - Literature – one American, British, or world literature survey chosen from ENGL 2322, 2323, 2327, 2328, 2332, or 2333.

**Foreign Language**

- In a single language, either two years of prior high school credit (documented by an official high school transcript submitted to the Office of Admissions) or college-level credit for courses numbered 1411+1412. SGNL 1401+1402 can also be counted.

**History / Government (core 060 & 070)**

- **United States History** – two courses chosen from HIST 1301, 1302, 2301, 2327, 2328, and 2381.
  - **Federal & Texas Government** – GOVT 2305+2306.

**Social & Behavioral Science (core 080)**

- One course chosen from ANTH 2351; ECON 2301 or 2302; GEOG 1302; PSYC 2301 or 2306; SOCI 1301, 1306, or 2301; or TECA 1303.

**Mathematics (includes core 020)**

- **For all degrees:** MATH 2413+2414+2415.

**Science & Technology (includes core 030 & 093)**

- **For all degrees:** PHYS 2425+2426.
  - Additional courses in specific majors –
    - **For Aerospace Engineering:** CHEM 1309 or 1311.
    - **For Architectural Engineering:** CHEM 1309 or 1311; GEOL 1403.
    - **For Biomedical Engineering:** BIOL 1406; CHEM 1311+1312+1111+1112; and CHEM 2323+2123.
    - **For Chemical Engineering:** CHEM 1311+1312+1111+1112 and CHEM 2323+2325+2123+2125.
    - **For Civil Engineering:** CHEM 1311+1312.
    - **For Computational Engineering:** CHEM 1309 or 1311.
    - **For Environmental Engineering:** BIOL 1406; CHEM 1311+1312+1111+1112; CHEM 2323; and GEOL 1403.
    - **For Geosystems Engineering & Hydrogeology:** CHEM 1311+1312 and GEOL 1403.
    - **For Mechanical Engineering:** CHEM 1309 or 1311.
    - **For Petroleum Engineering:** CHEM 1311+1312 and GEOL 1403.

**Visual & Performing Arts (core 050)**

- **For Architectural Engineering:** one course chosen from ARCH 1301, 1302, or 1311.
  - **For all other degrees:** one course chosen from ARCH 1301, 1302, or 1311; ARTS 1301, 1303, or 1304; COMM 1307 or 2366; DRAM 1310; or MUSI 1306 or 1310.

**Engineering Courses**

- **For Aerospace Engineering:** ENGR 2301+2302+2332 and ENGR 1304.
  - **For Architectural Engineering:** ENGR 2301+2332.
  - **For Civil Engineering:** ENGR 2301+2302+2332 and ENGR 1304.
  - **For Computational Engineering:** ENGR 2301+2302+2332 and ENGR 1304.
  - **For Electrical Engineering:** ENGR 2405.
  - **For Environmental Engineering:** ENGR 2301.
  - **For Geosystems Engineering & Hydrogeology:** ENGR 2301+2332.
  - **For Mechanical Engineering:** ENGR 2301+2332.
  - **For Petroleum Engineering:** ENGR 2301+2332.

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This Guide is based on degree requirements published in UT Austin’s Undergraduate Catalog 2018–2020 and on courses offered at Austin Community College during 2019-2020. Produced by the Office of Admissions in consultation with Engineering Student Services in the Cockrell School of Engineering. Effective 28 August 2019.