### Degree Programs Available

**Bachelor of Science & Arts (BSA)** – combines a science/mathematics major with either 15 hours in a single non-STEM field of study, a transcript-recognized minor in a non-STEM field of study, or a transcript-recognized certificate.

**Bachelor of Science (BS)** – designed for specialists who want to concentrate up to 75% of their coursework in science and mathematics, including sub-field options in some programs.

**Bachelor of Arts (BA)** – shares the same structure with Liberal Arts degrees, providing a traditional “Arts & Sciences” experience.

The following major/degree combinations are available (honors options generally are not open to transfer students):

- **Astronomy** – BSA, BS (option I-Astronomy), BA
- **Computer Science** – BSA, BS (options: I-Computer Science, IV-Integrated BS/MS Program, V-Teaching), BA
- **Mathematics** – BSA, BS (options: I-Actuarial Science, V-Teaching, VII-Mathematics), BA (with a Teaching option)
- **Physics** – BSA, BS (options: I-Physics, II-Computation, III-Radiation Physics, IV-Space Sciences, V-Teaching, VII-Biophysics), BA

Prospective Natural Science transfer students are urged to become familiar with the College’s curricula and rules in the [Undergraduate Catalog 2016–2018](https://catalog.utexas.edu/). Transfer students from Texas community colleges are eligible to graduate under UT Austin catalog rules in effect during the time they attend the community college. Those declaring the 2016–2018 catalog must satisfy all degree requirements by the end of the summer session 2024, including at least sixty semester credit hours completed in residence at UT Austin.

Prospective students can monitor their degree progress and check degree applicability of transfer credit by using the “Planer” feature of UT’s Interactive Degree Audit (IDA) system at [admissions.utexas.edu/apply/transfer](https://admissions.utexas.edu/apply/transfer).

### External Transfer Admission in Natural Sciences

- **Admission is limited and competitive** in the College of Natural Sciences; acceptance depends upon available space and the applicant’s qualifications compared to the entire applicant pool. Preference is given to applicants who select Natural Sciences as their first-choice major and have transfer credit for at least one calculus course.

- To be competitive, applicants should have completed **at least 9 semester hours in mathematics and science coursework** designed for mathematics and science majors. This includes any combination of biology, chemistry, mathematics, and physics as recommended in this Guide for each major.

- A grade-point average (GPA) of **at least 3.00 in mathematics and science coursework** is preferred for admission consideration; however, the GPA to be competitive for admission is generally higher. Prospective student information, including admitted student transfer statistics, can be found at [www.cns.utexas.edu/student/future/external-transfer/](https://www.cns.utexas.edu/student/future/external-transfer/).

- **External transfer admission to Computer Science** is available only in fall semesters.

- **Undeclared major** status is not open to external transfer applicants.

### Use of Transfer Credit Toward Degrees

The Office of Admissions evaluates courses from other institutions for comparability with UT Austin coursework, but the Dean’s Office in the College of Natural Sciences approves transfer credit for use in a degree program.

- Questions concerning **degree/graduation requirements** and degree applicability of transfer credit should be directed to the Center for First-Year Advising, College of Natural Sciences, WCH 1.106, UT Austin, Austin TX 78712 (512/471-3796). Prospective student information is at [www.cns.utexas.edu/students/future/](https://www.cns.utexas.edu/students/future/).

- Questions concerning **transfer admission** and transfer credit evaluation should be directed to the Undergraduate Admissions Center, John Hargis Hall, P.O. Box 8058, UT Austin, Austin TX 78713-8058 (512/475-7387). Admission information and Transfer Guides for other UT programs are at [admissions.utexas.edu/apply/transfer-admission/](https://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.

- 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.

- **College Algebra** (MATH 1314 or 1414) does not count toward degree requirements in the College of Natural Sciences, but grades and credit in the course count toward transfer admission.

- **Physical education activity** courses do not count toward degree requirements in the College of Natural Sciences, but grades and credit count toward transfer admission.
Courses Recommended for Transfer

Listed in Texas Common Course Numbers, a uniform system of field-of-study prefixes and four-digit numbers used by community colleges statewide. A course number’s first digit indicates academic level (1 = freshman, 2 = sophomore) and the second digit specifies semester hour credit value.

**Writing / Humanities**
- English Composition & first (core) Writing Flag – ENGL 1301+1302.
- Literature – one American, British, or world literature survey chosen from ENGL 2321, 2322, 2323, 2326, 2327, 2328, 2331, 2332, or 2333.

**Foreign Language**
- Intermediate proficiency – courses numbered 1411+1412+2311+2312 (or SGNL 1401+1402+2301+2302) for all BA degrees.
- Beginning proficiency – courses numbered 1411+1412 (or SGNL 1401+1402) for Astronomy BS option I; Computer Science BS options I, IV; Physics BS options I, II, III, IV, VII.

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

**Social & Behavioral Science**
- For Mathematics BS option I: ECON 2301+2302.
- For all other degrees & options: one course chosen from ANTH 2351; ECON 2301 or 2302; GEOG 1302 (only when taken as Human Geography); PSYC 2301*; SOCI 1301, 1306, or 2301; or TECA 1303. (*Preferred for teacher certification candidates.)

**Mathematics**
- For Astronomy: MATH 2413+2414+2415. Add MATH 2420 or 2421 in the BSA and BS option I.
- For Computer Science: MATH 2413+2414 in the BA and BSA; MATH 2413+2414+2415 in the BS.
- For Mathematics: MATH 2413+2414 in all degrees. Additionally –
  - BSA, BS option I: MATH 2415.
  - BS option V: MATH 2421.
  - BS option VII: MATH 2415 and 2421.
- For Physics: MATH 2413+2414+2415 and MATH 2420 or 2421.

**Science & Technology**
- For Astronomy: PHYS 2425+2426 in all degrees. Additionally –
  - BSA: up to twelve semester hours chosen from BIOL 1406, BIOL 1407, CHEM 1411, CHEM 1412, GEOL 1403, or GEOL 1404.
  - BS option I: two courses chosen from BIOL 1406, BIOL 1407, CHEM 1411, CHEM 1412, GEOL 1403, or GEOL 1404.
- For Computer Science –
  - BSA: one sequence chosen from BIOL 1406+1407, CHEM 1411+1412, or PHYS 2425+2426.
  - BS (options I, IV, V): one sequence chosen from BIOL 1406+1407, CHEM 1411+1412, or PHYS 2425+2426. In options I and IV add one additional course in a different field of study chosen from BIOL 1406, CHEM 1411, GEOL 1403, or PHYS 2425.
  - BA: one sequence chosen from BIOL 1406+1407, CHEM 1411+1412, or PHYS 2425+2426.
- For Mathematics –
  - BSA, BA: Part I – a two-course sequence in one discipline chosen from BIOL 1406+1407, CHEM 1411+1412, GEOL 1403+1404, PHYS 1401+1402, or PHYS 2425+2426.
  - Part II – a third course in a second discipline, chosen from those listed in Part I and from GEOL 1345 or 1445.
  - BS option V mathematics/physical science/engineering teacher certification: CHEM 1411+1412 and PHYS 2425+2426.
  - BS (other options): a sequence in one discipline chosen from BIOL 1406+1407, CHEM 1411+1412, GEOL 1403+1404, PHYS 1401+1402, or PHYS 2425+2426.
- For Physics: PHYS 2425+2426 in all degrees. Additionally –
  - BSA: one course chosen from BIOL 1406, CHEM 1411, or GEOL 1403.
  - BS options I, II, III, IV: CHEM 1411+1412 and a sequence chosen from BIOL 1406+1407 or GEOL 1403+1404.
  - BS option V: CHEM 1411+1412.
  - BS option VII: CHEM 1411+1412 and BIOL 1406+1407.
  - BA: CHEM 1411+1412.

**Visual & Performing Arts**
- One course chosen from ARCH 1301, 1302, or 1311; ARTS 1301, 1303, or 1304; COMM 1307; DRAM 1310, 2361, or 2362; or MUSI 1303, 1306, or 1310.

This Guide is based on degree requirements published in the Undergraduate Catalog 2016-2018. UT Austin is not responsible if a community college assigns a TCCN designation to a course substantially different than described in the Texas Higher Education Coordinating Board’s Lower-Division Academic Course Guide Manual. Produced by the Office of Admissions in consultation with the Dean’s Office of the College of Natural Sciences. Effective 01 September 2017.