



The College of Natural Sciences University of Texas at Austin

2008-2010 Transfer Guide for Texas Community College Students

**Bachelor of Science degrees in
Astronomy • Computer Sciences • Interdisciplinary Science • Mathematics • Physics**

Degree Programs Available

(The Bachelor of Arts degree with majors in Astronomy, Computer Sciences, Mathematics, and Physics is described in a separate Transfer Guide.)

Bachelor of Science degrees in:

- Astronomy
- Computer Sciences (options: Computer Sciences, Turing Scholars honors, or five-year integrated BS/MS program)
- Interdisciplinary Science (options: Middle Grades Teaching in Mathematics/Science or Secondary School Teaching in Computer Sciences/Mathematics)
- Mathematics (options: Actuarial Science, Applied Mathematics, Mathematical Sciences, Pure Mathematics, or Teaching)
- Physics (options: Physics, Computation, Radiation Physics, Space Sciences, or Teaching)

Prospective Natural Science transfer students are urged to become familiar with the College's curricula and rules in the *Undergraduate Catalog 2008-2010*, available at <http://registrar.utexas.edu/catalogs/>.

Students who transfer directly from a Texas community college may choose to graduate under UT Austin catalog rules in effect during the time they attended the community college; those declaring the 2008-2010 catalog must complete all degree requirements by the end of the summer session 2016. At least sixty semester credit hours must be completed at UT Austin to earn an undergraduate degree.

Prospective students can monitor their UT degree progress – even before transfer – and check degree applicability of Texas community college courses by using the “Planner” function of UT's Interactive Degree Audit (IDA) system at <http://registrar.utexas.edu/students/degrees/ida/>.

Texas Common Course Numbering System

Course recommendations in this Guide are expressed in **Texas Common Course Numbering (TCCN)** designations, a uniform system of four-character abbreviations for academic disciplines and four-digit course numbers used by community colleges statewide. The first digit of the number denotes a course's academic level (0 = prefreshman, 1 = freshman, 2 = sophomore) and the second digit denotes semester hour credit value.

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 Student Division, College of Natural Sciences, WCH 1.106, UT Austin, Austin TX 78712 (512/471-4536). Prospective student information is available at <http://www.cns.utexas.edu/>.
- Questions concerning **transfer admission** and transfer credit evaluation should be directed to the Office of Admissions, MAI 7, UT Austin, Austin TX 78712 (512/475-7387). Admission information and Transfer Guides for other UT programs are available at <http://bealorghorn.utexas.edu/transfer/>.

High School Preparation

The University requires all students to have completed in high school two years of study in a single foreign language and three years of study in mathematics at the level of Algebra I or higher. Transfer students who do not meet these requirements are assessed a deficiency; removal of deficiencies is required for graduation.

- To remove a **foreign language deficiency**, credit for the second college-level course in a language (numbered 1312, 1412, or 1512) is required.
- To remove a **mathematics deficiency**, credit for MATH 1314, 1316, 1324, or 1414 is required.

Prospective students should complete coursework needed to satisfy high school deficiencies prior to transfer. Credit used to remove a deficiency cannot be applied toward other degree requirements.

Special Notes

- All degrees in the College of Natural Sciences require **at least one calculus course**; transfer admission preference is given to applicants with credit for MATH 2313, 2413, 2417, 2513, or higher.
- **Core curriculum** transfer credit from Texas community colleges is guaranteed to apply toward UT core requirements, but degree plans may specify how some core requirements should be fulfilled. Recommendations in this Guide satisfy core requirements with courses normally required 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 apply toward degree requirements in the College of Natural Sciences, but grades and credit count toward transfer admission.
- Up to nine semester hours in **Air Force, Military, or Naval Science** may be applied as elective credit toward a degree in the College of Natural Sciences by students commissioned through the UT Austin ROTC program.

Courses Recommended for Transfer

expressed in Texas Common Course Numbering designations. Courses used to fulfill area requirements below may not be taken on a pass/fail basis.

Writing & Literature

ENGL 1301 (or 1306 for nonnative English speakers); one Substantial Writing Component/Writing Flag course chosen from ENGL 1302, 2311, or 2314; and one literature survey course chosen from ENGL 2321, 2322, 2323, 2326, 2327, 2328, 2331, 2332, or 2333.

Foreign Language

For the BS in Mathematics: three semesters in a single language, chosen from courses numbered 1311, 1411, or 1511 (1st semester); 1312, 1412, or 1512 (2nd semester); and 2311 (3rd semester). SGNL 1301, 1401, or 1501 (1st semester); 1302, 1402, or 1502 (2nd semester); and 2301 (3rd semester) can also be counted.
For the BS degrees in Astronomy, Computer Sciences, and Physics: two semesters in a single language, chosen from course numbers listed above.
For the BS in Interdisciplinary Science: in a single language, either two years of prior high school credit or two college-level semesters chosen from course numbers listed above.

U.S. & Texas Government

Two courses chosen from one of the following combinations:
GOVT 2301+2302, 2305+2306, 2301+2305, or 2301+2306.
(Because community colleges organize the two-course legislative requirement sequence differently, it is strongly recommended that students take both courses at one institution.)

U.S. History

Two courses chosen from HIST 1301, 1302, 2301, 2327, 2328, and 2381.

Social Science

For the BS in Mathematics, Actuarial Science option: ECON 2301 & 2302.
For all other degrees and options: one course chosen from ANTH 2351; ECON 2301 or 2302; GEOG 1303; PSYC 2301; or SOCI 1301, 1306, or 2339. *(Students pursuing Texas teacher certification should choose PSYC 2301.)*

Mathematics

For all degrees: a calculus sequence chosen from MATH 2413, 2414, & 2415 or MATH 2417 & 2419.
Additionally, for the BS degrees in Astronomy and Physics: MATH 2420.
(Credit values in MATH 2413, 2414, 2415, & 2420 vary among community colleges; the second digit of course numbers listed here may instead be 3, 4, or 5, but courses are comparable.)

Natural Science

(Community colleges may number lecture & lab credit separately, for example CHEM 1411 may be offered as 1311 & 1111.)

For the BS in Astronomy: two courses chosen from BIOL 1406, 1407; CHEM 1411, 1412; COSC 2336 (or 2436); or GEOL 1403, 1404. PHYS 2425 is accepted, but students are encouraged to defer astronomy and physics coursework until transferring to UT Austin.
For the BS in Computer Sciences: two sequences chosen from BIOL 1406+1407, CHEM 1411+1412, GEOL 1403+1404, or PHYS 2425+2426.
For the BS in Interdisciplinary Science, Middle Grades Teaching option: BIOL 1406+1407, CHEM 1411+1412, and GEOL 1403 or 1404. Additionally, PHYS 1401+1402 (for students concentrating in biology or geology) or PHYS 2425+2426 (for students concentrating in chemistry or physics).
For the BS in Interdisciplinary Science, Secondary School Teaching option: PHYS 2425+2426.
For the BS in Mathematics: a two-course sequence in one discipline chosen from ASTR/PHYS 1403+1404; BIOL 1406+1407, 1408+1409, or 2401+2402; CHEM 1411+1412; GEOL 1403+1404; or PHYS 1401+1402, 1405+1407, or 2425+2426.
For the BS in Physics: BIOL 1406; CHEM 1411+1412; and an additional course chosen from BIOL 1407 or GEOL 1403 or 1404. PHYS 2425 is accepted, but students are encouraged to defer physics coursework until transferring to UT Austin.

Visual & Performing Arts

One course chosen from ARCH 1301, 1302, or 1311; ARTS 1301, 1303, or 1304; DRAM 1310, 2336, 2361, or 2362; HUMA 1315; or MUSI 1306 or 1310.

Other Coursework

For the BS in Computer Sciences: COSC 2336 or 2436 (other COSC courses transfer but do not apply toward a major in computer sciences).
For the BS in Interdisciplinary Science, Middle Grades Teaching option: COSC 1337 or 1437.
For the BS in Interdisciplinary Science, Secondary School Teaching option: COSC 1337 & 2336 (or 1437 & 2436).
For the BS in Mathematics, Actuarial Science option: ACCT 2301 & 2302 (or 2401 & 2402).
For the BS in Mathematics, Applied Mathematics or Mathematical Sciences options: COSC 1337 or 1437.
For the BS in Physics, Computation option: COSC 1337 or 1437.