The College of Natural Sciences
University of Texas at Austin

2009-2010 Transfer Guide for Austin 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 Austin Community College courses by using the "Planner" function of UT's Interactive Degree Audit (IDA) system at http://registrar.utexas.edu/students/degrees/ida/.

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://bealonghorn.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 1512) is required.
- To remove a **mathematics deficiency**, credit for MATH 1314, 1316, or 1324 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 2413 or higher.
- **Core curriculum** transfer credit from A.C.C. 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) 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 or Military 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 Austin Community College designations. Courses used to fulfill area requirements below may not be taken on a pass/fail basis.

Writing & Literature	ENGL 1301; one Substantial Writing Component/Writing Flag course chosen from ENGL 1302 or 2311; and one literature survey course chosen from ENGL 2322, 2323, 2327, 2328, 2332, 2333, or 2342.
Foreign Language	*For the BS in Mathematics:* three semesters in a single language, chosen from courses numbered 1511, 1512, & 2311. SGNL 1401, 1402, & 2301 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	GOVT 2305 & 2306. *(Because A.C.C. and UT Austin 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/HIS 1301, 1302, 1643, 2301, 2327, 2328, 2341, 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 or 1306. *(Students pursuing Texas teacher certification should choose PSYC 2301.)*
Mathematics	*For all degrees:* MATH 2413, 2414, & 2415. *Additionally, for the BS degrees in Astronomy and Physics:* MATH 2420 & 2454.
Natural Science	*For the BS in Astronomy:* two courses chosen from BIOL 1406, 1407; CHEM 1311, 1312; 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 1311, 1312, 1111, & 1112; GEOL 1403 & 1404; and PHYS 2425 & 2426. *For the BS in Interdisciplinary Science, Middle Grades Teaching option:* BIOL 1406 & 1407; CHEM 1311, 1312, 1111, & 1112; 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 BIOL 1406 & 1407, 1408 & 1409, or (combined) 2304, 2305, 2101 & 2102; CHEM 1311, 1312, 1111, & 1112; GEOL 1403 & 1404; or PHYS 1401 & 1402, 1405 & 1407, or 2425 & 2426. *For the BS in Physics:* BIOL 1406; CHEM 1311, 1312, 1111, & 1112; 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 ARTS 1301, 1303, or 1304; DRAM 1310 or 2336; HUMA 1315; or MUSI 1306 or MUS 1773.
Other Coursework	*For the BS in Computer Sciences:* COSC 1320 (strongly recommended as preparation for the major curriculum). *For the BS in Mathematics, Actuarial Science option:* ACCT 2301 & 2302.

This Guide is based on degree requirements published in UT Austin's Undergraduate Catalog 2008-2010 *and on courses listed in Austin Community College's 2009-2010 catalog. Produced by the UT Austin Office of Admissions in consultation with the Dean's Office of the College of Natural Sciences. Effective 15 July 2009.*