



# The College of Natural Sciences University of Texas at Austin

## 2008-2010 Transfer Guide for Texas Community College Students

*Bachelor of Science degrees in Biochemistry • Biology • Chemistry • Clinical Laboratory Science*

### Degree Programs Available

*(The Bachelor of Arts degree with majors in Biochemistry, Biology, and Chemistry is described in a separate Transfer Guide.)*

**Bachelor of Science** degrees in:

- Biochemistry (*options: Biochemistry or Computation*)
- Biology (*options: Ecology, Evolution, & Behavior; Human Biology; Marine & Freshwater Biology; Microbiology; Cell & Molecular Biology; Neurobiology; Plant Biology; Teaching; or Computational Biology*)
- Chemistry (*options: Chemistry, Computation, or Teaching*)
- Clinical Laboratory Science (*medical technology*)

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://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 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

Two semesters in a single language, chosen from courses numbered 1311, 1411, or 1511 (1st semester) and 1312, 1412, or 1512 (2nd semester). SGNL 1301, 1401, or 1501 (1st semester) and SGNL 1302, 1402, or 1502 (2nd semester) can also be counted.

## 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

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 the BS degrees in Biochemistry and Chemistry:*  
a calculus sequence chosen from MATH 2413, 2414, & 2415 or MATH 2417 & 2419.  
*For the BS in Biology:*  
a pair of calculus courses chosen from MATH 2413 & 2414 or MATH 2417 & 2419.  
*For the BS in Clinical Laboratory Science:*  
one calculus course chosen from MATH 2413 or 2417.  
(Credit values in MATH 2413, 2414, & 2415 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 Biochemistry:*  
BIOL 1406 & 1407;  
CHEM 1411, 1412, 2423, & 2425; and  
PHYS 2425 & 2426.  
*For the BS in Biology:*  
BIOL 1406 & 1407;  
CHEM 1411 & 1412;  
CHEM 2423 & 2425 (required in all options except Ecology, Evolution, & Behavior and Computational Biology); and  
a sequence chosen from PHYS 1401 & 1402 or (recommended for premedical students and required for the Cell & Molecular Biology and Computational Biology options) PHYS 2425 & 2426.  
*For the BS in Chemistry:*  
CHEM 1411, 1412, 2423, & 2425; and  
PHYS 2425 & 2426.  
*For the BS in Clinical Laboratory Science:*  
BIOL 1406 & 1407;  
CHEM 1411, 1412, 2423, & 2425; and  
a sequence chosen from PHYS 1401 & 1402 or (recommended for premedical students) PHYS 2425 & 2426.

## 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.