



School of Natural Sciences and Mathematics
2009-2010 Transfer Guide for
Texas Common Course Numbering System

Major: GEOSCIENCES

Degree: Bachelor of Arts (B.A.)
(Must be taken in conjunction with a second major)

UTD Courses	TCCNS Courses
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I. UTD CORE CURRICULUM REQUIREMENTS (42 Semester Hours)			
A. Communication (6 Hours)			
RHET 1302	Rhetoric	ENGL 1302*	010 Core Code
<i>*(ENGL 1301 is prerequisite to ENGL 1302 and must be completed prior to taking ENGL 1302. ENGL 1301 can be used for elective hours.)</i>			
GEOS 4390* or NATS 4310*	Sr Research & Adv Writing Adv Writing in Natural Sciences & Math	N/A N/A	
<i>*(GEOS 4390 or NATS 4310, taken at UTD, will satisfy three hours of the communication core curriculum requirement as well as satisfy the upper-division major advanced writing requirement.)</i>			
B. Social and Behavioral Sciences (15 Hours)			
6 Hours of Government (Texas Legislative Mandate):		Choose one two-course series:	070 Core Code
GOVT 2301* and	Const Found & Pol Beh in US and Texas	GOVT 2301 and	
GOVT 2302*	Political Institutions in US and Texas	GOVT 2302	
		or	
N/A	American Federal Government	GOVT 2305 and	
N/A	Texas Government	GOVT 2306	
<i>*(Consult your academic advisor for course descriptions. The six hour government requirement must include study of the Constitution of the United States and the Constitution of Texas.)</i>			
6 Hours of American History (Texas Legislative Mandate):		Two of the following:	060 Core Code
HIST 1301	US History Survey to Civil War	HIST 1301	
HIST 1302	US History Survey from Civil War	HIST 1302	
HIST 2301	History of Texas	HIST 2301	
N/A	Mexican-American History I	HIST 2327	
N/A	Mexican-American History II	HIST 2328	
3 Hours of Social and Behavioral Sciences Elective:			080 Core Code
<i>Core options:</i>			
ANTH 2302, ANTH 2346, ANTH 2351, ECON 1301, ECON 2301, ECON 2302, ECON 2311, GEOG 1300, GEOG 1302, GEOG 1303, GEOG 2312, PSYC 2301, PSYC 2307, PSYC 2308, PSYC 2311, PSYC 2312, PSYC 2313, PSYC 2314, PSYC 2316, PSYC 2319, SOCI 1301, SOCI 1306, SOCI 2301, SOCI 2319, SOCI 2326, SOCI 2336.			
C. Humanities and Fine Arts (6 Hours)			
HUMA 1301	Exploration of the Humanities	HUMA 1301	040 Core Code
<i>or other core options:</i>			
ENGL 2321, ENGL 2322, ENGL 2323, ENGL 2326, ENGL 2327, ENGL 2328, ENGL 2331, ENGL 2332, ENGL 2333, FREN 2303, FREN 2304, HIST 2311, HIST 2312, HIST 2321, HIST 2322, PHIL 1301, PHIL 1304, PHIL 2303, PHIL 2306, PHIL 2307, PHIL 2316, PHIL 2317.			
ARTS 1301	Exploration of the Arts	ARTS 1301	050 Core Code
<i>or other core options:</i>			
ARCH 1301, ARCH 1302, ARTS 1303, ARTS 1304, DANC 2303, DANC 2304, DRAM 1310, DRAM 2361, DRAM 2362, DRAM 2363, HUMA 1315, MUSI 1306, MUSI 1308, MUSI 1309.			
D. Mathematics and Quantitative Reasoning (6 Hours)			
6 Hours of College Mathematics:			020 Core Code
<i>(Math requirement is dependent on the Math requirement for the other major. Consult with your academic advisor for recommended courses.)</i>			

UTD Courses**TCCNS Courses****E. Science (9 Hours)****030 Core Code**

GEOS 1103 Physical Geology Laboratory **GEOL 1103 or lab of GEOL 1403**
8 Hours of Biology, Chemistry, or Physics, including laboratory component:

Core options:

BIOL 1306-1106, BIOL 1307-1107, BIOL 1308-1108, BIOL 1309-1109, BIOL 1311-1111, BIOL 1313-1113,
 BIOL 1324-1124, BIOL 1406, BIOL 1407, BIOL 1408, BIOL 1409, BIOL 1411, BIOL 1413, BIOL 1424, BIOL 2206,
 BIOL 2301-2101, BIOL 2302-2102, BIOL 2304, BIOL 2305, BIOL 2306-2106, BIOL 2316-2116, BIOL 2320-2120,
 BIOL 2321-2121, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2406, BIOL 2416, BIOL 2420, BIOL 2421, BIOL 2428,
 CHEM 1305-1105, CHEM 1307-1107, CHEM 1311-1111, CHEM 1312-1112, CHEM 1405, CHEM 1406, CHEM 1407,
 CHEM 1411, CHEM 1412, CHEM 1413, CHEM 1414, CHEM 1419, CHEM 1420,
 CHEM 2301-2101, CHEM 2302-2102, CHEM 2402,
 PHYS 1301-1101, PHYS 1302-1102, PHYS 1305-1105, PHYS 1307-1107, PHYS 1310-1110,
 PHYS 1311-1111, PHYS 1312-1112, PHYS 1315-1115, PHYS 1317-1117, PHYS 1401, PHYS 1402,
 PHYS 1405, PHYS 1407, PHYS 1410, PHYS 1411, PHYS 1412, PHYS 1415, PHYS 1417,
 PHYS 2325-2125, PHYS 2326-2126, PHYS 2425, PHYS 2426, PHYS 2427.

II. UTD MAJOR REQUIREMENTS (50 Hours)**Major Preparatory Courses (15 hours):**

GEOS 1303	Physical Geology	GEOL 1303 or 1403
GEOS 1304/1104	History of Earth and Life w/lab	GEOL 1304/1104 or 1404
GEOS 2406	Geospatial Science and Methods	N/A
GEOS 2409	Rocks and Minerals	GEOL 2409

Advanced Upper-Division Major Requirements:
 (See Departmental Advisor)

III. UTD ELECTIVE REQUIREMENTS (28 Hours)**Advanced Electives (6 hours):**

All students are required to complete at least six hours of advanced electives outside their major field of study.
 These must be either upper-division courses, or lower-division courses that have prerequisites.

Free Electives (22 hours):

Both lower-division and upper-division courses may be used as free electives, but students must complete at least 51 upper-division hours to qualify for graduation.

A MINIMUM OF 120 SEMESTER HOURS IS REQUIRED FOR GRADUATION WITH AT LEAST 51 UPPER-DIVISION HOURS.

Note: Core options listed reflect the TCCNS courses. Other courses that may potentially qualify for core requirements must be approved by an academic advisor or the department housing the student's major.

UTD does not accept vocational or technical courses in certificate or applied science programs, nor courses offered through the Workforce Education Course Manual (WECM), nor developmental courses. Consult the current online UTD catalog for complete degree plan requirements.

www.utdallas.edu/student/catalog/ugcurrent/undergradprograms.html