



**School of Behavioral and Brain Sciences**  
**2009-2010 Transfer Guide for**  
**Texas Common Course Numbering System**

Major: **NEUROSCIENCE**

Degree: **Bachelor of Science (B.S.)**

**UTD Courses**

**TCCNS Courses**

<b>I. UTD CORE CURRICULUM REQUIREMENTS (42 Semester Hours)</b>			
<b>A. Communication (6 Hours)</b>			
<b>RHET 1302</b>	Rhetoric	<b>ENGL 1302*</b>	<b>010 Core Code</b>
	<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>		
<b>NSC 4353*</b>	Neuroscience Laboratory Methods	<b>N/A</b>	
	<i>*(NSC 4353, 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>B. Social and Behavioral Sciences (15 Hours)</b>			
<b>6 Hours of Government (Texas Legislative Mandate):</b>		<b>Choose one two-course series:*</b>	<b>070 Core Code</b>
<b>GOVT 2301* and</b>	Const Found & Pol Beh in US and Texas	<b>GOVT 2301 and</b>	
<b>GOVT 2302*</b>	Political Institutions in US and Texas	<b>GOVT 2302</b>	
		<b>or</b>	
<b>N/A</b>	American Federal Government	<b>GOVT 2305 and</b>	
<b>N/A</b>	Texas Government	<b>GOVT 2306</b>	
	<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>		
<b>6 Hours of American History (Texas Legislative Mandate):</b>		<b>Two of the following:</b>	<b>060 Core Code</b>
<b>HIST 1301</b>	US History Survey to Civil War	<b>HIST 1301</b>	
<b>HIST 1302</b>	US History Survey from Civil War	<b>HIST 1302</b>	
<b>HIST 2301</b>	History of Texas	<b>HIST 2301</b>	
<b>N/A</b>	Mexican-American History I	<b>HIST 2327</b>	
<b>N/A</b>	Mexican-American History II	<b>HIST 2328</b>	
<b>3 Hours of Social and Behavioral Sciences Elective:</b>			<b>080 Core Code</b>
<b>PSY 2301*</b>	Introduction to Psychology	<b>PSYC 2301</b>	
	<i>*(PSY 2301 is a major requirement that will also satisfy the three hour social and behavioral sciences core curriculum requirement.)</i>		
<b>C. Humanities and Fine Arts (6 Hours)</b>			
<b>HUMA 1301</b>	Exploration of the Humanities	<b>HUMA 1301</b>	<b>040 Core Code</b>
	<i>or other core options:</i>		
	<b>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.</b>		
<b>ARTS 1301</b>	Exploration of the Arts	<b>ARTS 1301</b>	<b>050 Core Code</b>
	<i>or other core options:</i>		
	<b>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.</b>		
<b>D. Mathematics and Quantitative Reasoning (6 Hours)</b>			
<b>3 Hours College Math:</b>			<b>020 Core Code</b>
<b>MATH 2414*</b>	Integral Calculus	<b>MATH 2314 or 2414</b>	
<i>or</i> <b>MATH 2417*</b>	Calculus I (Accelerated)	<i>or</i> <b>MATH 2314 or 2414 or 2417</b>	
<b>3 Hours Quantitative Methods:</b>			
<b>PSY 2317*</b>	Statistics for Psychology	<b>PSYC 2317</b>	
<i>or</i> <b>STAT 1342*</b>	Statistical Decision Making	<i>or</i> <b>MATH 1342 or 1442 or 2342 or 2442</b>	
	<i>*(MATH 2414 or 2417 and PSY 2317 or STAT 1342 are major requirements that will also satisfy the six hour mathematics and quantitative reasoning core curriculum requirement.)</i>		

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

<b>CHEM 1311/1111*</b>	General Chemistry I w/lab	<b>CHEM 1311/1111 or 1411</b>
<b>BIOL 2311*</b>	Intro to Modern Biology I	<b>BIOL 1306/1106 or 1406</b>
<b>BIOL 2281*</b>	Introductory Biology Laboratory	<b>N/A</b>

*\*(CHEM 1311/1111, BIOL 2311, and BIOL 2281 are major requirements that will also satisfy the nine hour science core curriculum requirement.)*

**II. UTD MAJOR REQUIREMENTS (64 Hours) (43 hours beyond the Core Curriculum)****Major Preparatory Courses (24 hours):**

<b>BIOL 2281</b>	Introductory Biology Laboratory	<b>N/A</b>
<b>BIOL 2311/2111</b>	Intro to Modern Biology I w/workshop	<b>BIOL 1306/1106 or 1406</b>
<b>CHEM 1311/1111</b>	General Chemistry I w/lab	<b>CHEM 1311/1111 or 1411</b>
<b>CHEM 1312/1112</b>	General Chemistry II w/lab	<b>CHEM 1312/1112 or 1412</b>
<b>MATH 2414</b>	Integral Calculus	<b>MATH 2314 or 2414</b>
<b>or MATH 2417</b>	Calculus I (Accelerated)	<b>or MATH 2314 or 2414 or 2417</b>
<b>PSY 2301</b>	Introduction to Psychology	<b>PSYC 2301</b>
<b>PSY 2317</b>	Statistics for Psychology	<b>PSYC 2317</b>
<b>or STAT 1342</b>	Statistical Decision Making	<b>or MATH 1342 or 1442 or 2342 or 2442</b>

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

**III. UTD ELECTIVE REQUIREMENTS (35 Hours)****Advanced Electives (6 hours):**

Breadth Electives: 6 hours of upper-division courses, or lower-division courses that have prerequisites, that are outside the field of Neuroscience.

**Free Electives (29 hours):**

Students are encouraged to explore areas of concentration in Neuroscience as well as explore interests outside the field. Both lower-division and upper-division courses may be used as electives, but students must complete at least 51 upper-division hours to graduate.

**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.

<http://www.utdallas.edu/student/catalog/ugcurrent/undergradprograms.html>