

NEUROSCIENCE (BS)

School of Behavioral and Brain Sciences



2019-2020 Transfer Plan using the Texas Common Course Numbering System

This transfer plan is intended as a *general* guide for UT DALLAS' lower-division major requirements and Core Curriculum requirements.

Please consult the current online UT DALLAS catalog for complete degree plan requirements.

<http://catalog.utdallas.edu/2019/undergraduate/programs>

UT DALLAS REQUIREMENT		TCCNS COURSE EQUIVALENT**
I. UT DALLAS CORE CURRICULUM REQUIREMENTS: 42 semester credit hours		
Communication: 6 semester credit hours		010 Core Code
COMM 1311 Survey of Oral & Technology-based Communication RHET 1302 Rhetoric		SPCH 1311 ENGL 1302* <i>*(ENGL 1301 is prerequisite to ENGL 1302 and must be completed prior to taking ENGL 1302. ENGL 1301 can be used to satisfy three semester credit hours of the Communication Core Curriculum requirement.)</i>
Mathematics: 3 semester credit hours		020 Core Code
MATH 2414* Integral Calculus or MATH 2417* Calculus I (Accelerated) <i>*(MATH 2414 or MATH 2417 is a required major preparatory course - noted in Section II below - that also fulfills the three-semester-credit-hours Mathematics Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.)</i>		MATH 2414 or 2314 N/A
Life and Physical Sciences: 6 semester credit hours		030 Core Code
BIOL 2311* Introduction to Modern Biology I CHEM 1311* General Chemistry I <i>*(BIOL 2311 and CHEM 1311 are required major preparatory courses - noted in Section II below - that also fulfill the six-semester-credit-hour Life and Physical Sciences Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.)</i>		BIOL 1306 or 1406 CHEM 1311 or 1411
Language, Philosophy, and Culture: 3 semester credit hours		040 Core Code
Choose one course from the following: HUMA 1301 Exploration of the Humanities LIT 2331 Introduction to World Literature PHIL 1301 Introduction to Philosophy PHIL 1305 Introduction to Philosophy of Religion PHIL 1306 Introduction to Ethics PHIL 2316 History of Philosophy I		HUMA 1301 ENGL 2331 PHIL 1301 PHIL 2321 PHIL 2306 PHIL 2316 <i>Or: select 3 semester credit hours from other TCCNS core options: ENGL 2321, ENGL 2322, ENGL 2323, ENGL 2326, ENGL 2327, ENGL 2328, ENGL 2332, ENGL 2333, HIST 2311, HIST 2312, HIST 2321, HIST 2322, PHIL 1304, PHIL 2307.</i>
Creative Arts: 3 semester credit hours		050 Core Code
Choose one course from the following: AHST 1303 Survey/Western Art History: Ancient-Medieval AHST 1304 Survey/Western Art History: Renaissance-Modern ARTS 1301 Exploration of the Arts DANC 1305 Introduction to World Dance Forms DANC 1310 Understanding Dance FILM 2332 Understanding Film MUSI 1306 Understanding Music THEA 1310 Understanding Theatre		ARTS 1303 ARTS 1304 ARTS 1301 DANC 1305 DANC 2303 DRAM 2366 MUSI 1306 DRAM 1310 <i>Or: select 3 semester credit hours from other TCCNS core options: ARCH 1301, ARCH 1302, DRAM 2361, DRAM 2362, HUMA 1315, MUSI 1308, MUSI 1309.</i>
American History: 6 semester credit hours		060 Core Code
Texas Legislative Mandate Choose two courses from the following: HIST 1301 US History Survey to Civil War HIST 1302 US History Survey from Civil War HIST 2301 History of Texas HIST 2381 African-American History		HIST 1301 HIST 1302 HIST 2301 HIST 2381

UT DALLAS REQUIREMENT	TCCNS COURSE EQUIVALENT**
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Government/Political Science: 6 semester credit hours	070 Core Code
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Texas Legislative Mandate* GOVT 2305 American National Government GOVT 2306 State and Local Government <i>*The six-semester-credit-hour government course mandate requires study of the Constitution of the United States and the Constitution of Texas. (See UT DALLAS Departmental Advisor if you have questions)</i>	GOVT 2305 GOVT 2306
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Social and Behavioral Sciences: 3 semester credit hours	080 Core Code
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PSY 2301* Introduction to Psychology <i>*(PSY 2301 is a required major preparatory course - noted in Section II below - that also fulfills the three-semester-credit hour Social and Behavioral Sciences Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.)</i>	PSYC 2301
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Component Area Option: 6 semester credit hours	090 Core Code
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PSY 2317* Statistics for Psychology or STAT 1342* Statistical Decision Making or STAT 2332* Introductory Statistics for Life Sciences CHEM 1312* General Chemistry II <i>*(PSY 2317 or STAT 1342 or 2332 and CHEM 1312 are required major preparatory courses - noted in Section II below - that also fulfill the six-semester-credit-hour Component Area Option Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.)</i>	PSYC 2317 or MATH 1342 or 1442 N/A CHEM 1312 or 1412
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II. UT DALLAS MAJOR REQUIREMENTS: 45 semester credit hours

Major Preparatory Courses: 24 semester credit hours - 6 semester credit hours beyond Core Curriculum

BIOL 2311/2111 Introduction to Modern Biology I & Workshop BIOL 2281 Introductory Biology Lab CHEM 1311/1111 General Chemistry I w/lab CHEM 1312/1112 General Chemistry II w/lab MATH 2414 Integral Calculus or MATH 2417 Calculus I (Accelerated) PSY 2301 Introduction to Psychology PSY 2317 Statistics for Psychology or STAT 1342 Statistical Decision Making or STAT 2332 Introductory Statistics for Life Sciences	BIOL 1306/1106 or 1406 N/A CHEM 1311/1111 or 1411 CHEM 1312/1112 or 1412 MATH 2414 or 2314 N/A PSYC 2301 PSYC 2317 or MATH 1342 or 1442 N/A
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(See UT DALLAS Departmental Advisor for upper-division course requirements)

III. UT DALLAS ELECTIVE REQUIREMENTS: 33 semester credit hours

Free Electives: 33 semester credit 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 count as electives.
 Students must complete at least 51 semester credit hours of upper-division courses to qualify for graduation.
 (See UT DALLAS Departmental Advisor)

Pre-Medical/Pre-Health Professions Students:

BIOL 2312/2112 Introduction to Modern Biology II & Workshop CHEM 2323/2123 Introductory Organic Chemistry I w/lab CHEM 2325/2125 Introductory Organic Chemistry II w/lab PHYS 1301/1101 College Physics I w/lab PHYS 1302/1102 College Physics II w/lab or PHYS 2325/2125 Mechanics w/lab and PHYS 2326/2126 Electromagnetism and Waves w/lab (See UT DALLAS Departmental Advisor)	BIOL 1307/1107 or 1407 CHEM 2323/2123 or 2423 CHEM 2325/2125 or 2425 PHYS 1301/1101 or 1401 PHYS 1302/1102 or 1402 or PHYS 2325/2125 or 2425 and PHYS 2326/2126 or 2426
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A MINIMUM OF 120 SEMESTER CREDIT HOURS IS REQUIRED FOR GRADUATION WITH AT LEAST 51 UPPER-DIVISION SEMESTER CREDIT HOURS.

****PLEASE NOTE:**

Transfer Core options listed reflect the TCCNS courses only, as approved at UT DALLAS.
 Other Texas public colleges or universities may individually interpret some TCCNS courses in a different core category, which UT DALLAS will honor. Check with a UT DALLAS academic advisor to verify this.
 Other courses that may potentially qualify for core requirements must be approved by a UT DALLAS academic advisor or the department housing the student's major.
 Completion of the entire Core Curriculum at another Texas public college or university will substitute for completion of UT DALLAS' Core Curriculum.
 TCCNS courses in Field of Study (FOS) programs will transfer to UT DALLAS.
 UT DALLAS does not accept vocational or technical courses in certificate or applied science programs, nor Workforce Education (WECM) courses, nor developmental courses.