

NEUROSCIENCE (BS)
School of Behavioral and Brain Sciences



2021-2022 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/2021/undergraduate/programs>

At the end of this Plan below, view an example of a Two-Year Transfer Pathway from a Texas Public Community College using TCCNS Courses.

UT DALLAS REQUIREMENT	TCCNS COURSE EQUIVALENT**
I. UT DALLAS CORE CURRICULUM REQUIREMENTS: 42 semester credit hours	
Communication: 6 semester credit hours 010 Core Code	
Choose 6 semester credit hours from the following: COMM 1311 Survey of Oral & Technology-based Communication COMM 1315 Public Speaking RHET 1302 Rhetoric	SPCH 1311 SPCH 1315 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**
Government/Political Science: 6 semester credit hours	
070 Core Code	
Texas Legislative Mandate*	
GOVT 2305 American National Government	GOVT 2305
GOVT 2306 State and Local Government	GOVT 2306
*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)	
Social and Behavioral Sciences: 3 semester credit hours	
080 Core Code	
PSY 2301* Introduction to Psychology	PSYC 2301
*(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.)	
Component Area Option: 6 semester credit hours	
090 Core Code	
PSY 2317* Statistics for Psychology	PSYC 2317
or STAT 1342* Statistical Decision Making	or MATH 1342 or 1442
or STAT 2332* Introductory Statistics for Life Sciences	N/A
CHEM 1312* General Chemistry II	CHEM 1312 or 1412
*(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.)	

II. UT DALLAS MAJOR REQUIREMENTS: 26 semester credit hours	
Major Preparatory Courses: 24 semester credit hours - 5 semester credit hours beyond Core Curriculum	
BIOL 2311/2111 Introduction to Modern Biology I & Workshop	BIOL 1306/1106 or 1406
BIOL 2281 Introductory Biology Lab	N/A
CHEM 1311/1111 General Chemistry I w/lab	CHEM 1311/1111 or 1411
CHEM 1312/1112 General Chemistry II w/lab	CHEM 1312/1112 or 1412
MATH 2414 Integral Calculus	MATH 2414 or 2314
or MATH 2417 Calculus I (Accelerated)	N/A
PSY 2301 Introduction to Psychology	PSYC 2301
PSY 2317 Statistics for Psychology	PSYC 2317
or STAT 1342 Statistical Decision Making	or MATH 1342 or 1442
or STAT 2332 Introductory Statistics for Life Sciences	N/A
(See UT DALLAS Departmental Advisor for upper-division course requirements)	

III. TRACKS: 52 semester credit hours	
Neuroscience majors select one of three Tracks:	
TRACK 1: Medical Neuroscience: 12 semester credit hours, plus 29 semester credit hours of pre-medical courses, plus 12 semester credit hours of free electives	
TRACK 2: Research Neuroscience: 12 semester credit hours, plus 28 semester credit hours of pre-graduate courses, plus 12 semester credit hours of free electives	
TRACK 3: Industrial Neuroscience: 22 semester credit hours, plus 30 semester credit hours of free electives	
TRACK 1 and 2: Required pre-medical or pre-graduate courses: basic Biology, Chemistry, and Physics: 28 semester credit hours	
BIOL 2312/21 Introduction to Modern Biology II & Workshop	BIOL 1307/1107 or 1407
BIOL 3361/31 Biochemistry I & Workshop	N/A
CHEM 2323/2 Introductory Organic Chemistry I w/lab	CHEM 2323/2123 or 2423
CHEM 2325/2 Introductory Organic Chemistry II w/lab	CHEM 2325/2125 or 2425
PHYS 1301 College Physics I	PHYS 1301 or 1401
PHYS 2125 Physics Laboratory I	PHYS 2125 or 1101
Plus an additional 8 semester credit hours selected with your UT Dallas advisor. (See UT DALLAS Departmental Advisor)	
Elective Requirements: Free electives: semester credit hours determined by selected TRACK	
Lower-division or upper-division courses of the student's choice. Students are encouraged to explore additional courses in Neuroscience as well as explore interests outside the field. Both lower- and upper-division courses may count as electives, but students must complete at least 51 semester credit hours of upper-division courses to qualify for graduation. (See UT DALLAS Departmental Advisor)	

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.

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2021-2022 Two-Year Transfer PATHWAY using the Texas Common Course Numbering System

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*This is an **example** only. Please see advisor to develop individual plan.*

FRESHMAN YEAR							
FALL SEMESTER		Core Area	SCH	SPRING SEMESTER		Core Area	SCH
ENGL 1301	Composition I	010 Core	3	ENGL 1302	Composition II	010 Core	3
CHEM 1311	General Chemistry I	030 Core	3	CHEM 1312	General Chemistry II	090 Core	3
CHEM 1111 or CHEM 1411	General Chemistry I Lab		1	CHEM 1112 or CHEM 1412	General Chemistry II Lab		1
HIST 1301	U.S. History I	060 Core	3	HIST 1302	U.S. History II	060 Core	3
MATH 2413 or MATH 2313	Calculus I	020 Core	4	MATH 2414 or MATH 2314	Calculus II	020 Core	4
PSYC 2301	General Psychology	080 Core	3				
Total Semester Credit Hours			17	Total Semester Credit Hours			14

SOPHOMORE YEAR							
FALL SEMESTER		Core Area	SCH	SPRING SEMESTER		Core Area	SCH
040 Core Course	<u>See UTD Transfer Plan</u>	040 Core	3	050 Core Course	<u>See UTD Transfer Plan</u>	050 Core	3
GOVT 2305	Federal Government	070 Core	3	GOVT 2306	Texas Government	070 Core	3
BIOL 1306	Biology for Science Majors I	030 Core	3	PSYC 2317	Statistical Methods in Psychology	090 Core	3
BIOL 1106 or BIOL 1406	Biology for Science Majors I Lab		1	or MATH 1342 or 1442	Elementary Statistical Methods		
SPCH 1311 or SPCH 1315	Intro to Speech Communication Public Speaking	010/090 Core	3	Transfer Elective	<u>See UTD Transfer Equivalencies</u>		4
Transfer Elective	<u>See UTD Transfer Equivalencies</u>		3				
Total Semester Credit Hours			16	Total Semester Credit Hours			13