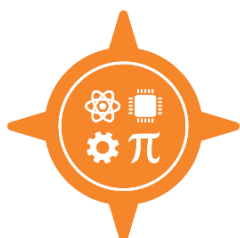**DALLAS COLLEGE**

GUIDED PATHWAY: NEUROSCIENCE (For Transfer to UT Dallas)

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH

For more information, visit the Dallas College STEM webpage [www.dcccd.edu/STEMinstitute] and your academic advisor at your campus.

The guided pathway in Neuroscience will provide students with the basic foundation for this broad, interdisciplinary field in cognitive and behavioral research of the brain. An Associate of Science (A.S.) degree with courses in this pathway prepares you to transfer to the University of Texas at Dallas (UT Dallas) earn a bachelor's degree that opens the door to a career in medicine, education or research such as biomedical science, genetic engineering, biotechnology, and many more areas.

This is an example course sequence for students interested in pursuing Neuroscience. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an A.S. degree, which will increase your chances of transfer to bachelor's level programs at UT Dallas. Courses that complete the degree are noted below. Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by Dallas College. See the catalog for official degree requirements.

Visit www.dcccd.edu/transfer and select "Transfer from Dallas College," then click on UT Dallas to view more information about transferring to that institution. Speak with your academic advisor to choose courses that will help you pursue Neuroscience as a major at UT Dallas.

Catalog Year	2020-2021 *You may use this pathway if you entered Dallas College on or before this date.*
Degree Type	Associate of Science
GPA Requirement	Student must earn a GPA of 2.0 or higher
TSI	Must be Complete

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official program of study. See the catalog for official degree requirements.

DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

PATHWAY REQUIREMENTS	Total Hours: 10

The following are prerequisite courses for MATH 2413.
MATH 1314
MATH 1316
MATH 2412

CONSIDER COMPLETING BEFORE TRANSFER TO UT DALLAS

MATH 2414
CHEM 2423
CHEM 2425

SEMESTER 1	Total Hours: 14

ENGL 1301 – Composition I *This is a Core course. Must earn a grade of "C" or higher.*
MATH 2413 – Calculus I *This is a Core course. Must earn a grade of "C" or higher. Prerequisites of MATH 1314, MATH 1316, MATH 2412, before enrolling in the class.*
BIOL 1406 – Biology for Science Majors I *This is a Core course.*
EDUC 1300 – Learning Framework *All college students with fewer than 12 semester credit hours of successful college credit (grade of "C" or above) must take a student success course in the first semester.*

SEMESTER 1 ACTION ITEMS
1. Meet with your advisor to confirm your academic and career goals by the end of the semester.

2. At the end of the semester, begin researching information at UT Dallas, to major in Neuroscience.
3. Meet with a career advisor/coach to research your career options with a Neuroscience degree.

SEMESTER 2   Total Hours: 13

ENGL 1302 – Composition II *This is a Core course.*
HIST 1301 – United States History I *This is a Core course.*
BIOL 1407 – Biology for Science Majors II* *This is a Core course.*
PSYC 2301 – General Psychology *This is a Core course.*

* There are several options to fulfill this requirement. See your academic advisor for a specific list.

SEMESTER 2 ACTION ITEMS
1. Meet with your advisor to request an official program of study audit and confirm or update your academic/career pathway and program of study.
2. Ask about transfer advising to discuss options to pursue a bachelor's degree at UT Dallas.

SEMESTER 3   Total Hours: 6

GOVT 2305 – Federal Government *This is a Core course.*
CHOOSE ONE: **HIST 1302** – United States History II* *This is a Core course.* **OR**
                HIST 2301 – Texas History* *This is a Core course.*

* There are several options to fulfill this requirement. See your academic advisor for a specific list.

SEMESTER 3 ACTION ITEMS
1. Begin applying to UT Dallas.

SEMESTER 4   Total Hours: 14

CHEM 1411 – General Chemistry I
SPCH 1311 – Introduction to Speech Communication *This is a Core course.*
CHOOSE ONE: **ENGL 2321** – British Literature* *This is a Core course.*
                ENGL 2326 – American Literature* *This is a Core course.*
                ENGL 2331 – World Literature* *This is a Core course.*
CHOOSE ONE: **PHYS 1401** – College Physics I* **OR**
                PHYS 2425 – University Physics I*

* There are several options to fulfill this requirement. See your academic advisor for a specific list. Elective courses should be selected according to the intended university to which you will transfer. See your academic advisor for assistance with course selection.

SEMESTER 4 ACTION ITEMS
1. Begin applying for Financial Aid and Scholarships. You can start the FAFSA in October for the next academic year. *(i.e., in October 2021, you can complete the FAFSA if you plan to register for classes at UT Dallas Fall 2022)*
2. Check with your advisor for important deadlines and dates.

SEMESTER 5   Total Hours: 15

GOVT 2306 – Texas Government *This is a Core course.*
CHEM 1412 – General Chemistry II*
PHED 1164 – Introduction to Physical Fitness and Wellness *This is a Core course.*
CHOOSE ONE: **PHYS 1402** – College Physics II* **OR**
                PHYS 2426 – University Physics II*
CHOOSE ONE: **ARTS 1301** – Art Appreciation* *This is a Core course.*
                DRAM 1310 – Theater Appreciation* *This is a Core course.*
                MUSI 1306 – Music Appreciation* *This is a Core course.*

* There are several options to fulfill this requirement. See your academic advisor for a specific list.

SEMESTER 5 ACTION ITEMS
1. After reviewing your degree plan and program of study, meet with your advisor to apply for the Associate of Science degree.
2. Sign up for commencement.
3. Request final transcripts to be sent to UT Dallas.
4. Join the Alumni Network!

PATHWAY TOTAL: 62 SEMESTER CREDIT HOURS