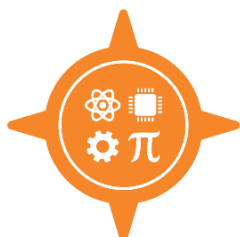


# GUIDED PATHWAY: BIOLOGY FIELD OF STUDY

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH



For more information, visit the [Dallas College Biology webpage](http://www.dcccd.edu/biology) [www.dcccd.edu/biology] and your academic advisor at your campus.

The guided pathway in Biology will set the foundation to discover and understand how living things work in conjunction with their surroundings while utilizing skills based upon the scientific method. An Associate of Science Field of Study in Biology degree with courses in this pathway prepares you to transfer to a university to earn a bachelor's degree that opens the door to a career in research, conservation, education, biotechnology, wildlife, forensics, the environment, pharmaceuticals, and many more areas.

This pathway is an example course sequence for students interested in pursuing Biology. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an A.S. Field of study degree. Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by Dallas College. Courses that complete the degree are noted below. See the catalog for [official degree requirements](#). This Field of Study degree in Biology does not complete the Core.

Visit [www.dcccd.edu/transfer](http://www.dcccd.edu/transfer) and select "Transfer from Dallas College," then click on a university to view more information about transferring to that institution. Speak with your academic advisor to choose courses that will help you to transfer to a specific university.

<b>Catalog Year</b>	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
<b>Degree Type</b>	Associate of Science Field of Study	
<b>GPA Requirement</b>	Student must earn a GPA of 2.0 or higher	
<b><u>TSI</u></b>	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**

### SEMESTER 1

**Total Hours: 14**

**ENGL 1301** – Composition I *This is a Core course. Must earn a grade of "C" or higher.*

**BIOL 1406** – Biology for Science Majors I *This is a Core course.*

**CHEM 1411** – General Chemistry I *Prerequisite of MATH 1314 or equivalent academic preparation before enrolling in the course.*

**CHOOSE ONE:** **ARTS 1301** – Art Appreciation\* *This is a Core course.*

**DRAM 1310** – Theater Appreciation\* *This is a Core course. OR*

**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 1 ACTION ITEMS

1. Meet with your advisor to confirm your academic and career goals by the end of the semester.
2. Ask about your options for transferring to pursue the bachelor's degree in Biology.
3. Meet with a career advisor/coach to research your career options with a Biology degree.

**SEMESTER 2****Total Hours: 14**

[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.*

[CHEM 1412](#) – General Chemistry II

**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.

**SEMESTER 3****Total Hours: 3**

**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 top-choice universities.

**SEMESTER 4****Total Hours: 14**

[PHYS 1401](#) – College Physics I *Prerequisite of MATH 1316 or equivalent academic preparation before enrolling in the course.*

[CHEM 2423](#) – Organic Chemistry I

[GOVT 2305](#) – Federal Government *This is a Core course.*

**CHOOSE ONE:** [ENGL 2321](#) – British Literature\* *This is a Core course.*

[ENGL 2331](#) – World Literature\* *This is a Core course.* **OR**

[ENGL 2326](#) – American Literature\* *This is a Core course.*

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

**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 2018, you can complete the FAFSA if you plan to register for classes at a university Fall 2019*)
2. Check with your advisor for important deadlines and dates.

**SEMESTER 5****Total Hours: 15**

[CHEM 2425](#) – Organic Chemistry II

[PHYS 1402](#) – College Physics II

[GOVT 2306](#) – Texas Government *This is a Core course.*

[MATH 2413](#) – Calculus I *This is a Core course. Must earn a grade of "C" or higher.*

**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 Field of Study in Biology degree.
2. Sign up for commencement.
3. Request final transcripts to be sent to the college or university to where you will transfer.
4. Join the [Alumni Network!](#)

**PATHWAY TOTAL: 60 SEMESTER CREDIT HOURS**