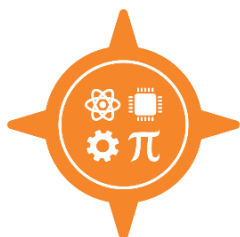


GUIDED PATHWAY: ENVIRONMENTAL SCIENCE

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH



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

Environmental Science is an interdisciplinary study of natural sciences (biology, chemistry, geology) and social sciences (economics, politics, ethics) as they apply to the environment. Focus is on energy issues, climate change, ozone loss, land use, conservation and management, deforestation and biodiversity, among other topics. An Associate of Science degree in this pathway prepares you to transfer to a university to earn a bachelor's degree that opens the door to careers such as an environmental scientist, environmental geologist, environmental chemist, biochemist, natural resources specialist, environmental consultant, environmental educator, environmental lawyer, environmental engineer, zoologist, and conservation scientist, and many others.

This is an example course sequence for students interested in pursuing Environmental Sciences. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Associate of Science degree, which will increase your chances of transfer to bachelor's level programs. 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 catalog for [official degree requirements](#).

Visit 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.

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	
<u>TSI</u>	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 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: 13

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

HIST 1301 – United States History 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.*

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

CHEM 1411 – General Chemistry I* *This is a Core course. Prerequisite of MATH 1314, or equivalent academic preparation, prior to enrolling in the course.*

ENVR 1401 – Environmental Science I* *This is a Core course.*

GEOL 1403 – Physical Geology* *This is a Core course.*

*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.

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, to major in Environmental Science.
3. Meet with a career advisor/coach to research your career options with an Environmental Science degree.

SEMESTER 2

Total Hours: 14

[ENGL 1302](#) – Composition II *This is a Core course.*

[HIST 1302](#) – United States History II* *This is a Core course.*

[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, prior to enrolling in the course.*

CHOOSE ONE: [BIOL 1407](#) – Biology for Science Majors II* *This is a Core course.*

[CHEM 1412](#) – General Chemistry II* *This is a Core course.*

[ENVR 1402](#) – Environmental Science II* *This is a Core course.*

*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.

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. Begin researching universities where you would want to major in Environmental Sciences.

SEMESTER 3

Total Hours: 6

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

CHOOSE ONE: [GEOG 1301](#) – Physical Geography* **OR**

[GEOG 1302](#) – Human Geography*

*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.

SEMESTER 3 ACTION ITEMS

1. Begin applying to your top choice universities.

SEMESTER 4

Total Hours: 15

CHOOSE ONE: [SPCH 1311](#) – Introduction to Speech Communication* *This is a Core course.* **OR**

[SPCH 1315](#) – Public Speaking* *This is a Core course.*

AND [PHED 1164](#) – Introduction to Physical Fitness and Wellness *This is a Core course.*

OR [FOREIGN LANGUAGE 1411](#)* *This is a Core course.*

CHOOSE ONE: [ARTS 1301](#) – Art Application* *This is a Core course.*

[DRAM 1310](#) – Theater Appreciation* *This is a Core course.* **OR**

[MUSI 1306](#) – Music Appreciation* *This is a Core course.*

CHOOSE ONE: [BIOL 1406](#) – Biology for Science Majors I* **OR**

[CHEM 1411](#) – General Chemistry I*

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.

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 a university Fall 2022)
2. Check with your advisor for important deadlines and dates.

SEMESTER 5

Total Hours: 17

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

[ECON 2302](#) – Principles of Microeconomics* *This is a Core course.*

CHOOSE ONE: [BIOL 1411](#) – General Botany* **OR**

[PHYS 2426](#) – University Physics II*

CHOOSE ONE: [BIOL 1407](#) – Biology for Science Majors II* **OR**

[CHEM 1412](#) – General Chemistry II*

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

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

[PHIL 1301](#) – Introduction to Philosophy* *This is a Core course.*

*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.

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 the college or university to where you will transfer.
4. Join the [Alumni Network!](#)

PATHWAY TOTAL: 65 SEMESTER CREDIT HOURS