



**TRANSFER PATHWAY
(For Transfer to Texas Woman's University)
ASSOCIATE OF SCIENCE WITH A FIELD OF STUDY IN BIOLOGY TO
BACHELOR OF SCIENCE IN BIOLOGY**

Catalog Year 2020-2021 You may use this pathway if you entered Dallas College on or before this date.

Career Path Engineering, Technology, Mathematics and Sciences

Available at All Campuses

TSI Must be Complete

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

An Associate of Science Field of Study in Biology degree with courses in this pathway prepares you to transfer to Texas Woman's University (TWU) 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. Although there may be several options to fulfill certain requirements for the associate's degree, please note that this pathway lists the specific courses leading to this bachelor's degree. All plans can be modified to fit the needs of part-time students. This is not an official degree plan. Refer to catalog for official degree requirements. You must receive a GPA of at least 2.00 on all college-level course work. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. Contact your advisor for information. ***This Field of Study degree in Biology does not complete the Core.***

AS FOS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

PROGRAM REQUIREMENTS

Total Hours: 10

The following are prerequisite courses to MATH 2413: **MATH 1314, MATH 1316 and MATH 2412**

SEMESTER 1

Total Hours: 14

ENGL 1301 – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*

BIOL 1406 – Biology for Science Majors I *This is a (CB 030) Core course and a Field of Study course.*

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

CHOOSE ONE: **ARTS 1301** – Art Appreciation *This is a (CB 050) Core course.*

DRAM 1310 – Theater Appreciation *This is a (CB 050) Core course.*

MUSI 1306 – Music Appreciation *This is a (CB 050) Core course.*

SEMESTER 2

Total Hours: 14

ENGL 1302 – Composition II *This is a (CB 010) Core course.*

HIST 1301 – United States History I *This is a (CB 060) Core course.*

BIOL 1407 – Biology for Science Majors II *This is a (CB 030) Core course and a Field of Study course.*

CHEM 1412 – General Chemistry II *This is a Field of Study course.*

SEMESTER 3

Total Hours: 3

HIST 1302 – United States History II *This is a (CB 060) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

SEMESTER 4

Total Hours: 14

PHYS 1401 – College Physics I *Prerequisite of MATH 1316, or equivalent academic preparation, prior to enrolling in the course. This is a Field of Study course.*

CHEM 2423 – Organic Chemistry I *This is a Field of Study course.*

GOVT 2305 – Federal Government *This is a (CB 070) Core course.*

ENGL 2332 – World Literature I *This is a (CB 040) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

SEMESTER 5

Total Hours: 15

CHEM 2425 – Organic Chemistry II *This is a required General Elective course.*

PHYS 1402 – College Physics II *This is a required General Elective course.*

GOVT 2306 – Texas Government *This is a (CB 070) Core course.*

MATH 2413 – Calculus I *This is a (CB 020) Core course. Must earn a grade of "C" or higher.*

TEXAS WOMAN'S UNIVERSITY
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SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

For questions about the Texas Woman's University portion of this transfer pathway, contact the **Academic Advising Office at (940) 898-3850 or kdonohoo@twu.edu**. It is best to apply to Texas Woman's University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

SEMESTER 1

Total Hours: 14

BOT 2113 & BOT 2111 (BIOL 1411 & BIOL 1111) – Plant Biology and Plant Biology Laboratory
BACT 3113 & BACT 3111 – General Microbiology & General Microbiology Laboratory
Upper-level Multicultural Women's Studies Course (CB 090 Core Course)
Upper Level Elective

SEMESTER 2

Total Hours: 14

BIOL 4813 & BIOL 4811 – Molecular and Cellular Biology: Gene Expression and Gene Expression Laboratory
Upper-level Minor Elective
ZOOL 4243 & ZOOL 4241 – Medical Physiology and Medical Physiology Laboratory
Social/Behavioral Science Core (CB 080 Core Course)
Upper-level General or Minor Elective

SEMESTER 3

Total Hours: 14

BIOL 4823 & BIOL 4821 – Molecular and Cellular Biology: Genetics and Inheritance & Lab
Upper-level Biology Elective
BIOL 4681 – Biology Seminar
Upper-level Elective (Global Perspectives Course)
Upper-level General or Minor Elective