

GENERAL STUDIES AA: 611B

Science, Technology, Engineering, and Mathematics (STEM)

(Must complete a minimum of 15 credits at the 200 level for completion of the program)

Total Credits: 60
Catalog Editions 19-20 through 24-25

Initial Placement Scores
English: _____
Math: _____

Name: _____ Date: _____ ID #: _____

	COURSE	HOURS	GRADE
ENGL 101 or ENGL 101A (If needed for ENGL 102/103 or elective if not) *			
English Foundation (ENGL 102 or ENGL 103, <i>grade of C or better required to graduate</i>) GE FOUNDATION ‡		3	
Math Foundation (MATH 110, 115 (A), 117 (A), 120, 130, 150, 165, 170, or 181) SEE A COUNSELOR/ADVISOR			
Arts Distribution (ARTD) GENERAL EDUCATION DISTRIBUTION			
Humanities Distribution (HUMD) GENERAL EDUCATION DISTRIBUTION			
Behavioral & Social Sciences Distribution (BSSD) GENERAL EDUCATION DISTRIBUTION **		3	
Behavioral & Social Sciences Distribution (BSSD) <i>Different discipline from other BSSD</i> GED **		3	
Natural Sciences Distribution with Lab (NSLD) GENERAL EDUCATION DISTRIBUTION		4	
Natural Sciences Distribution without Lab or Natural Sciences Distribution with lab (NSND/NSLD) GENERAL EDUCATION DISTRIBUTION			
General Education Institutional Requirement (GEIR) GENERAL EDUCATION IR † <small>Choose course from general education COMM, HLTH, or ARTD/HUMD. Discuss appropriate course choice with counselor/advisor</small>			
General Education Institutional Requirement (GEIR) GENERAL EDUCATION IR † <small>Choose course from general education COMM, HLTH, or ARTD/HUMD. Students may not select two COMM, two HLTH, or two ARTD/HUMD courses to meet their General Education Institutional Requirements. Discuss appropriate course choice with counselor/advisor</small>			

STEM CORE COURSE SELECTION
CHOOSE AT LEAST 15 CREDIT HOURS FROM: AOSC, ASTR, BIOL, CHEM, CMSC, DATA, ENEE, ENES, GEOL, MATH, NUTR, NWIT, PSCI, or PHYS.
MUST SELECT A MINIMUM OF 3 CREDIT HOURS OF STEM CORE COURSES AT THE 200 LEVEL. SEE A COUNSELOR/ADVISOR.

ELECTIVE COURSE SELECTION
CHOOSE UP TO 11 CREDIT HOURS TO REACH COMPLETION OF 60 COLLEGE LEVEL CREDITS REFLECTING PERSONAL, ACADEMIC, AND CAREER INTERESTS.
SEE A COUNSELOR/ADVISOR.

	COURSE	HOURS	GRADE		COURSE	HOURS	GRADE
TOTAL HOURS				TOTAL HOURS			

Graduation Requirements Overall GPA of 2.0 is required to graduate

Has student completed a minimum of 15 credits at the 200 level? Yes No 200-level credits completed: _____

Has student completed the Global Perspectives requirement? Yes No Global Perspectives Course: _____

Does student have an overall 2.0 GPA? Yes No Overall cumulative GPA: _____

Has the student completed 60 credits? Yes No Total credits completed: _____

This UNOFFICIAL document is for planning purposes only and completion does not guarantee graduation.

See an [advisor](#) to submit an [Application for Graduation](#) the semester BEFORE you intend to graduate.

STEM Core Advising Notes

The Studies in Science, Technology, Engineering, and Mathematics Core allows students to develop an interdisciplinary course of study emphasizing the science, technology, engineering, and/or mathematics disciplines. The STEM core is designed to allow students to pursue a general exploration of these disciplines while deepening knowledge through a selected academic focus. For additional information, please visit the [General Studies website](#).

In this Core, students will develop an intentional academic plan that reflects personal, academic, and career goals emphasizing the following discipline areas or individual courses:

Astronomy (ASTR)
Biology (BIOL)
Chemistry (CHEM)
Computer Science (CMSC)
Data Science (DATA)
Electrical Engineering (ENEE)
Engineering Science (ENES)
Geology (GEOL)
Mathematics (MATH)
Meteorology (AOSC)
Networking (NWIT)
Nutrition (NUTR)
Physical Science (PSCI)
Physics (PHYS)

Student may elect to take any of the following individual courses as part of their STEM Core requirements to enhance their selected academic focus; however, transferability of these courses should be carefully reviewed:

Architecture Technology	ARCH 101
Biotechnology	BIOT 110
Computer Application	CMAP 120
Environmental Horticulture and Sustainable Agribusiness	HORT/LNTP 100

NOTE: This Core may not be appropriate for students intending to transfer to another institution for a life sciences, engineering, or mathematics degree program; students should meet with an advisor before selecting this Core.

Studies in Science, Technology, Engineering, and Mathematics 611B- General Degree Requirements

NOTE: Students intending to transfer to pursue a 4 year degree in Hospitality Management or Criminal Justice should consult an advisor to determine how to use this Core.

In order to complete this degree, students must

1. Complete of a minimum of 60 Credit hours including
 - General Education Requirements- 31 Credit hours ***
 - Science, Technology, Engineering, and Mathematics Core courses- at least 15 credit hours, with a minimum of 3 credit hours at 200 level
 - Electives- Up to 11 Credit hours as needed to complete 60 Credit hours
2. Complete a minimum of 15 Credits at 200 level., with at least 3 credit hours at the 200 level from the Core
3. Have a GPA of 2.0

* ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or select a general elective.

** Behavioral and Social Science Distribution (BSSD) courses must come from different disciplines.

*** Students must complete one Global or Cultural Perspectives designated course as part of their General Education Program.

‡ Students should attempt ENGL and MATH foundation requirements within completion of the first 24 credits of college level work or at the completion of any prerequisite or required non- credit coursework.

‡‡ Any credit hours beyond the minimum in General Education (31 Credit hours) or Core courses are counted toward elective credit hours.

‡ Two general education institutional requirement (GEIR) courses required from the following general education courses: COMM, HLTH , or one ARTD or HUMD. Students may only take one course from ARTD or HUMD to fulfill General Education Institutional Requirements.

‡‡ Consult a counselor/advisor for NSND/Science course selection. Students potentially interested in science, health or engineer transfer programs should consider a 4 credit lab science course.

Please Note: Exact semester credit counts may vary based on specific course selections.

Students transferring to a specific four year institution, please check the [Transfer Agreements](#) site for articulated pathways that identify required coursework.