FIRST YEAR MATHEMATICS MAJORS (BS)

Students should expect to take an English Composition course, a math course, a general education course, and an orientation to the College of STEM.

The courses listed in each table below represent typical courses for a first year student in this major. When you receive your first semester schedule, it may not match exactly with the courses listed below. Student's math placement will determine which required STEM courses can be taken in the first semester. Students who have earned college credit for any of the courses below will work with an advisor to identify appropriate courses for the first semester.

All Math majors are required to complete study in a foreign language that can be satisfied through coursework or possibly through testing.   Discuss this requirement with your advisor.

Students who have earned college credit for any of the courses below will work with an advisor to identify appropriate courses for the first semester.

Your academic advisor will make every effort to accommodate your schedule preferences; however, course availability will be limited in many cases, and may mean that have to take a course at a time that might not be what you would prefer. It is important to remember that your advisor has your long term goals in mind as you work toward pursuing your degree and career.

Math Placement = Level 10

First Semester Courses	Required Degree Area	Credits
English composition (based on placement)	General Education	3-4
Math 1505: Intermediate Algebra with Applications	Preparation for required math	5
Foreign Language 1550	Major	4
***General Education course	General Education	3
		15-16

Math Placement = Level 20

First Semester Courses	Required Degree Area	Credits
English composition (based on placement)	General Education	3-4
MATH 1507: Intermediate Algebra or MATH 1510/1510C: College Algebra with Co-requisite	Preparation for required math or preparation for required math and General Education	3 or 6
Foreign Language 1550	Major	4
STEM 1520: STEM First Year Orientation	Major and General Education	2
***General Education course	General Education	3
		15-18

Math Placement = Level 35

First Semester Courses	Required Degree Area	Credits
English composition (based on placement)	General Education	3-4
MATH 1510: College Algebra and/or MATH 1511: Trigonometry	Preparation for required math and General Education	3-4
Foreign Language 1550	Major	4
STEM 1520: STEM First Year Orientation	Major and General Education	2

***General Education course	General Education	3
		15-17

Math placement = Level 45

First Semester Courses	Required Degree Area	Credits
English composition (based on placement)	General Education	3-4
MATH 1513: Algebra and Transcendental Functions (Pre-Calculus)	Preparation for required math and General Education	5
Foreign Language 1550	Major	4
***General Education course	General Education	3
		15-16

Math Placement = Level 70

First Semester Courses	Required Degree Area	Credits
English composition (based on placement)	General Education	3-4
Math 1571: Calculus I	Major and General Education	4
Foreign Language 1550	Major	4
General Education course	General Education	3
***General Education course	General Education	3
		17-18

Math Placement = Level 90

First Semester Courses	Required Degree Area	Credits
English composition (based on placement)	General Education	3-4
MATH 1585/1586H Honors Calculus I	Major and General Education	6
Foreign Language 1550	Major	4
***General Education course	General Education	3
		16-17

*** RSS 1510 if required by placement

1.17.18