

## FIRST YEAR BIOCHEMISTRY 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. Some courses require specific math placements and/or pre-requisite courses. Students must place into or complete certain math courses before they are eligible to take General Chemistry (CHEM 1515/1515L). Students must also have had high school chemistry or CHEM 1501: Introduction to Chemistry before entering CHEM 1515/L. CHEM 1515/L must be taken before or with BIOL 2601/L. Also, there are times when courses listed are not available.

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.

Students who test below math level 45 will be considered STEM Physical Science (PS) majors, which is the equivalent of a "Pre-Biochemistry" major) until Pre-Calculus ready.

There is no minor required for a BS in Biochemistry.

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 you 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

#### STEM PS (Physical Science) Major

First Semester Courses	Required Degree Area	Credits
English composition (based on placement )	General Education	3-4
STEM 1520: STEM First Year Orientation	Major and General Education	2
Math 1505: Intermediate Algebra with Applications	Preparation for required math	5
General Education course	General Education	3
***General Education course	General Education	3
		<b>16-17</b>

### Math Placement = Level 20

#### STEM PS (Physical Science) Major

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
STEM 1520: STEM First Year Orientation	Major and General Education	2
General Education course	General Education	3
***General Education course	General Education	3

		<b>14-18</b>
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## Math Placement = Level 35

### STEM PS (Physical Science) Major

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
STEM 1520: STEM First Year Orientation	Major and General Education	2
General Education course	General Education	3
***General Education course	General Education	3
		<b>14-16</b>

## 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
CHEM 1515/L: General Chemistry I and Lab	Major and General Education	4
CHEM 1515R: Recitation for General Chemistry	Major	1
STEM 1520: STEM First Year Orientation	Major and General Education	2
		<b>15-16</b>

## 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
CHEM 1515/L: General Chemistry I and Lab	Major and General Education	4
CHEM 1515R: Recitation for General Chemistry	Major	1
STEM 1520: STEM First Year Orientation	Major and General Education	2
		<b>14-15</b>

\* RSS 1510 if required by placement