

# B.S. in Biology

Click on the course number to view course title and description.

Code	Title	Semester Hours
<b>B.S. in Biology (120 hours)</b>		
<b>Core Requirements (39 hours)</b>		
First Year Seminar		3
FYE 1301	First Year Seminar	
Freshmen Composition I		3
EN 1311	Rhetoric and Composition	
or EN 1313	Rhetoric and Composition for International Students	
Literature		3
Any EN 23XX literature course		
History		3
Any 1000, 2000, or 3000-level HS course		
Social Science		6
Select two from the following: BA 1310, CJ 1301, CPH 1301, EC 2301, EC 2303, ED 2330, HU 3300, HU 3303, PO 1311, PO 1312, PO 1314, PS 1301, PS 2310, PS 2353, PS 2355, PS 2363, PS 2337, SC 1311, SC 2321, SC 2371, 3 hrs. of Communication Studies (CM 1341, CM 2333, CM 2334)		
Mathematics		
Satisfied by MT 2303 in the courses required for this major.		
Natural or Physical Sciences		
Satisfied by PY 1401 in the courses required for this major.		
Fine Arts		3
Select any 3 hrs. of the following: Art (AR), Drama (DM), Music (MU) or MU 1300		
Foreign Language and International Engagement		6
This requirement is satisfied through one of four ways: (1) One 3-hour course in any language at the 3000 level or above, with a grade of B or better; (2) Two courses (1311 and 1312) in a language not previously studied; (3) Two courses (2311 and 2312) in a language previously studied at the high school or college level; (4) Qualifying scores on an AP or CLEP exam, or both the ACTFL OPI and WPT exams		
Philosophy - Self		3
PL 1301	Introduction to Philosophy	
Philosophy - Ethics		3
PL 2301	Foundations of Ethics	
Theology - God		3
TH 1301	Introduction to Theology	
Intermediate Theology		3
Any TH 33xx course		
<b>Biology Major Courses (78 hours)</b>		
BL 1401	General Biology for Majors I	4
BL 1402	General Biology for Majors II	4
BL 2110	Sophomore Biology Seminar	1
BL 2233	Cell & Molecular Methods	2
BL 2330	Genetic Principles	3
BL 2332	Cell Biology	3
BL 3110	Junior Biology Seminar	1
BL 4110	Senior Biology Seminar	1
BL 34XX or 44XX -Advanced Biology		16
At least 4 credits must fulfill the Cellular & Molecular Biology requirement and 4 credits for the Organismal Biology requirement.		
BL 4451	Biochemistry I	4
BL 4452	Biochemistry II	4
CH 1401	General Chemistry I	4

CH 1402	General Chemistry II	4
CH 2411	Organic Chemistry I	4
CH 2412	Organic Chemistry II	4
MT 2303	Introduction to Probability and Statistics	3
MT 2412	Calculus I	4
PY 1401	General Physics I	4
PY 1402	General Physics II	4
Advanced Science Elective		4
Can be fulfilled by an Advanced Biology (BL 34XX/44XX) or Advanced Chemistry course (CH 34XX/44XX)		
<b>Electives (3 hours)</b>		
An elective can be any course taken from any discipline. Students can use these hours to pursue certificates, minors, or second majors.		3
<b>Total Semester Hours</b>		<b>120</b>

*This is a recommended degree plan subject to changes. Please meet with your advisor on a regular basis.*

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### First Year

Fall	Semester Spring Hours	Semester Hours
FYE 1301	3 Social Science	3
BL 1401	4 EN 1311	3
CH 1401	4 BL 1402	4
MT 2412	4 CH 1402	4
	MT 2303	3
	<b>15</b>	<b>17</b>

### Second Year

Fall	Semester Spring Hours	Semester Hours
PL 1301	3 PL 2301	3
BL 2332 or 2330	3 BL 2332 or 2330	3
CH 2411	4 BL 2233	2
Literature	3 CH 2412	4
BL 2110	1 History	3
	<b>14</b>	<b>15</b>

### Third Year

Fall	Semester Spring Hours	Semester Hours
PY 1401	4 PY 1402	4
Advanced Biology	4 Advance Biology	4
Foreign Language	3 Foreign Language	3
Advanced Science Elective	4 TH 1301	3
BL 3110	1	
	<b>16</b>	<b>14</b>

### Fourth Year

Fall	Semester Spring Hours	Semester Hours
Fine Arts	3 Electives	3
BL 4451	4 BL 4452	4
Advanced Biology	4 Advanced Biology	4
BL 4110	1 Social Science	3

Advanced Theology	3	
	<b>15</b>	<b>14</b>
<b>Total Semester Hours 120</b>		