

### Biology B.S. (Bachelor of Science)

#### FRESHMAN YEAR

<b>Fall Semester</b>		<b>15 Credits</b>
ENGL 1100	Writing I .....	(3)
CHEM 1300	General Chemistry I* .....	(4)
BIOL 1800	General Biology I .....	(4)
MATH 1300	Precalculus .....	(4)

\* General Chemistry requires a 'passing' score on Advanced Algebra and Functions Accuplacer placement exam OR successful completion of MATH 0500 (Algebraic Preparation) prior to enrollment. To continue as a Biology major, students must earn a grade of 2.0 or higher in General Biology I and General Chemistry I.

<b>Spring Semester</b>		<b>14 Credits</b>
ENGL 1200	Writing II .....	(3)
CHEM 1400	General Chemistry II .....	(4)
BIOL 1900	General Biology II .....	(4)
	LA&S Elective .....	(3)

#### JUNIOR YEAR

<b>Fall Semester</b>		<b>16-17 Credits</b>
BIOL ≥2000 OR 2300	Biology Elective OR Ecology .....	(3-4)
PHYS 2300	General Physics I .....	(4)
	LA&S Elective .....	(3)
	LA&S Elective .....	(3)
	Free Elective .....	(3)

<b>Spring Semester</b>		<b>13-14 Credits</b>
BIOL ≥2000	Biology Elective .....	(3-4)
PHYS 2400	General Physics II .....	(4)
	LA&S Elective .....	(3)
	Free Elective .....	(3)

#### LA&S Elective List

- 1 AOM attribute (Art or Music)
- 1 ART attribute (the Arts)
- 1 CTW attribute (Citizenship & The World)
- 3 credits HAF attribute (Health/Fitness)
- 1 HIST subject (History)
- 1 HMN attribute (Human Behavior)
- 1 LIT attribute (Literature)

#### Advanced LA&S Options Area

The four required courses in Chemistry fulfill the 12-credit Option B of the LA&S Advanced Curriculum Requirement.

An Independent Study or Internship may count as 1 elective but is not required.

#### Global Diversity Area

Two courses must meet the Global Diversity (GD) requirement. The GD courses may also satisfy other LAS requirements at the same time

#### Biology Electives

A total of 6 Biology electives at a level of ≥ 2000 is required. One of these 6 electives must be designated as a Capstone course.

#### SOPHOMORE YEAR

<b>Fall Semester</b>		<b>17 Credits</b>
BIOL 2300** OR 2800	Ecology (OR Genetics) .....	(4)
CHEM 2000	Organic Chemistry I .....	(4)
MATH ≥ 1300	Math Elective .....	(3)
	LA&S Elective .....	(3)
	Free Elective .....	(3)

<b>Spring Semester</b>		<b>17 Credits</b>
BIOL 2800	Genetics .....	(4)
CHEM 2100	Organic Chemistry II .....	(4)
	LA&S Elective .....	(3)
	LA&S Elective .....	(3)
	Free Elective .....	(3)

\*\* BIOL 2300 Ecology is only taught in the fall semester.

#### SENIOR YEAR

<b>Fall Semester</b>		<b>15-17 Credits</b>
BIOL ≥2000	Biology Elective .....	(3-4)
BIOL ≥2000	Biology Elective .....	(3-4)
	Free Elective .....	(3)
	Free Elective .....	(3)
	Free Elective .....	(3)

<b>Spring Semester</b>		<b>13-16 Credits</b>
BIOL ≥3000	Biology Elective (Capstone) .....	(4)
BIOL ≥2000	Biology Elective OR	
	Independent Study OR Internship .....	(3-6)
	Free Elective .....	(3)
	Free Elective .....	(3)