

BS BIOLOGY

For Students who have taken AP/IB biology regardless of AP/IB score

Starting with BIOL213

Fall (Semester 1)	Credits	Spring (Semester 2)	Credits
BIOL213	4	BIOL300	4
Mason Core	3	MATH	3-4
CHEM211, CHEM213	4	CHEM212, CHEM214	4
Mason Core	3	Mason Core	3
BIOL101 or Univ100	1		
TOTAL	15	TOTAL	14-15

Can take Biol214 with Biol213 first semester.

Fall (Semester 3)	Credits	Spring (Semester 4)	Credits
BIOL214	4	BIOL 311	4
Mason Core or MATH*	3-4	Mason Core	3
Chem 313	3	CHEM 314**	3
Chem 315	2	CHEM 318**	2
Mason Core	3	Mason Core	3-4
TOTAL	15-16	TOTAL	15-16

* 2nd math not required but many professional schools require 2 semesters calculus

** Can take 2 semesters GEOL or an >300 chemistry course instead

Fall (Semester 5)	Credits	Spring (Semester 6)	Credits
BIOL elective with lab	4	BIOL elective with lab	4
Mason Core	3-4	BIOL elective	3
Physics lecture	3	Physics lecture	3
Physics Lab	1	Physics lab	1
elective	3	Mason Core	3
TOTAL	15-16	TOTAL	14

Fall (Semester 7)	Credits	Spring (Semester 8)	Credits
BIOL308	5	BIOL elective	3
BIOL elective	3	BIOL elective	3
ENGH302	3	BIOL elective	3
Elective	3-4	Synthesis	3
		Elective	3
TOTAL	14-15	TOTAL	15

Note: need 22 credits biology elective. 2 courses with labs at >300 level. Can take Senior seminar as a biology elective. Need 120 credits to graduate

BS BIOLOGY
Starting with BIOL103

Fall (Semester 1)	Credits	Spring (Semester 2)	Credits
BIOL103	4	BIOL213	4
Mason Core	3	MATH	3-4
CHEM211, CHEM213	4	CHEM212, CHEM214	4
Mason Core	3	Mason Core	3
BIOL101 or Univ100	1		
TOTAL	15	TOTAL	14-15

Fall (Semester 3)	Credits	Spring (Semester 4)	Credits
BIOL214	4	BIOL300	4
Mason Core or MATH*	3-4	Mason Core	3
Chem 313	3	CHEM 314**	3
Chem 315	2	CHEM 318**	2
Mason Core	3	Mason Core	3
TOTAL	15-16	TOTAL	15

- 2nd math not required but many professional schools require 2 semesters calculus
- ** can take 2 semesters GEOL or an >300 chemistry course instead

Fall (Semester 5)	Credits	Spring (Semester 6)	Credits
BIOL elective with lab	4	BIOL elective with lab	4
Mason Core	3-4	BIOL311	4
Physics lecture	3	Physics lecture	3
Physics Lab	1	Physics lab	1
elective	3	Mason Core	3
TOTAL	14-15	TOTAL	15

Fall (Semester 7)	Credits	Spring (Semester 8)	Credits
BIOL308	5	BIOL elective	3
BIOL elective	3	BIOL elective	3-4
BIOL elective	3	Synthesis	3
Mason Core	3	Elective	3
		Elective	3
TOTAL	14	TOTAL	15-16

Note: need 22 credits biology elective. 2 courses with labs at >300 level. Can take Senior seminar as a biology elective. Need 120 credits to graduate