

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	BIOL310/330	5
Mason Core or IT	3	MATH	3-4
CHEM211/213	4	CHEM212/214	4
ENGH101 or Mason Core	3	Mason Core	3
Univ100	1		
TOTAL	15		15-16

Can take Biol214 with Biol213 first semester.

Fall (Semester 3)	Credits	Spring (Semester 4)	Credits
BIOL214	4	BIOL311	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		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	ENGH302	3
Physics lecture	3	Physics lecture	3
Physics Lab	1	Physics lab	1
elective	3	BIOL elective	3
TOTAL	14		14

Fall (Semester 7)	Credits	Spring (Semester 8)	Credits
BIOL 308	5	BIOL elective	3
BIOL elective	3	BIOL elective	3
Mason Core (syn)	3	BIOL elective	3
Elective	3-4	Elective	3
		Elective	3
TOTAL	14-15		15

Need 120 credits overall, 22 Biol core + 22 Biol elective (2 upper division lab courses)

BS BIOLOGY
Starting with BIOL103

Fall (Semester 1)	Credits	Spring (Semester 2)	Credits
BIOL103	4	BIOL213	4
BIOL214	4	Mason Core or IT	3
CHEM211/213	4	CHEM212/214	4
ENGH101 or Mason Core	3	MATH	3-4
TOTAL	15		14-15

Fall (Semester 3)	Credits	Spring (Semester 4)	Credits
BIOL311	4	BIOL310/330	5
MATH* or Mason Core	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		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	Synthesis	3
Physics lecture	3	Physics lecture	3
Physics Lab	1	Physics lab	1
ENGH 302	3	Mason Core	3
TOTAL	14		14

Fall (Semester 7)	Credits	Spring (Semester 8)	Credits
BIOL 308	5	BIOL elective	3-4
BIOL elective	3	Elective	3
BIOL elective	3-4	Elective	3
Elective	3	Elective	3
		Elective	3
TOTAL	14-15		15-16

Need 120 credits overall, 22 Biol core + 22 Biol elective (2 upper division lab courses)