

Biology major - 4-year plan

Biology major 4-yr plan

Note: there is much flexibility available - see your advisor to make your personal plan

Freshman	
Fall	Spring
CHEM 163: GenChem I (4)	BIOL 125: General Biology I (4)
MATH 131: Calculus I (4) [or Applied Calc... (3)]	CHEM 164: GenChem II (4)
FYE Block - GenEd (3)	ENGL 102 (3)
FYE Block - GenEd (3)	PHIL 150: Logic or KINE 252+Activity (2)
ENGL 101: WritCom II or GenEd (3)	GenEd (3)
= 14 - 17 hrs**	= 14 - 16** hrs

Sophomore	
Fall	Spring
BIOL 126: General Biology II (4)	BIOL 337: Vertebrate Physiology (4)
BIOL 309: Genetics (4), or BIOL selective (3-4)	CHEM 262: Organic Chemistry II (4)
CHEM 261: Organic Chemistry I (4)	GenEd (3)
GenEd or Elective (3)	GenEd (3)
PHIL 150: Logic or KINE 252+Activity (2)	Elective (3)
= 14 - 17** hrs	= 14 - 17** hrs

AuSable courses may be added during any summer session

Junior	
Fall	Spring
BIOL 309: Genetics (4), or BIOL selective (3-4)	CHEM 460 Biochemistry (4) *for a Chem minor*
BIOL 313: Ecology (4)	NS 333: Scientific Research Methods (3)
GenEd (3)	GenEd (3)
GenEd (3)	GenEd or Elective (3)
Elective (3)	Elective (3)
	[PHIL 452: Senior Experience (1)]
= 14 - 17 hrs**	= 14 - 17** hrs

Senior	
Fall	Spring
BIOL 399 Internship or BIOL 480 Research (4)	CHEM 280: Analytical (4) *if adding Chem minor*
Physics course (4)	BIOL selective (3-4)
GenEd (3)	GenEd (3)
Elective (3)	Elective (3)
Elective (3)	Elective (3)
[PHIL 452: Senior Experience (1)]	[PHIL 452: Senior Experience (1)]
= 14 - 17** hrs	= 14 - 17** hrs

* note that there are 14 GenEd courses of 3 credits
plus Logic (2), Fitness/Activity (1+1), and Senior Experience (1)
(the required courses are listed on the other side - in roughly the recommended order)

**17 hrs is the maximum per semester - a student could opt for a few lighter semesters, or take more hours to allow for another 10-12 elective hours above minimum graduation requirements (124 hrs)