

Program Guide: Biological Sciences Minor

Minor Requirements..... Total 23 credits

**Must earn a "C" or better in each individual course towards the minor*

**Transfer Students must transfer both Biology I and II to enroll in Biology 3T*

Core Requirements: Follow one sequence

Students who start at Rowan University

Course #	Semester Taken	Course Name	S.H.
BIOL 01104		(BIOL 01104) Intro to Evolution and Scientific Inq.	4 s.h.
BIOL 01106		(BIOL 01106) Introduction to Genetics	4 s.h.
BIOL 01203		(BIOL 01203) Introduction to Cell Biology	4 s.h.
BIOL 01204		(BIOL 01204) Introduction to Ecology	4 s.h.

Students who transfer Biology I and II

Course #	Semester Taken	Course Name	S.H.
BIOL 01100		(BIOL 01100) Biology I	4 s.h.
BIOL 01101		(BIOL 01101) Biology II	4 s.h.
BIOL 01202		(BIOL 10202) Biological Skills for Transfer Students	4 s.h.
BIOL 01204		(BIOL 01204) Intro to Ecology	4 s.h.

Program Electives: *Choose a minimum of two (2) additional Biology courses that are accepted for the Biology major and which are 300-level or above. Students must complete a minimum of 23 semester hours total for the minor.*

Course #	Course Name	S.H.	Course #	Course Name	S.H.
BIOL 01310	Advanced Evolution	4 s.h.	BIOL 01421	Foundations of Cell Culture Techniques	4 s.h.
BIOL 02301	Plant Diversity	4 s.h.	BIOL 01435	Cell Culture Technology	4 s.h.
BIOL 20330	Environmental Science	4 s.h.	BIOL 01475	Biology Lab/Field Research	3 s.h.
BIOL 01428	Developmental Biology	4 s.h.	BIOL 14440	Intro to Biochemistry	3 s.h.
BIOL 18400	Limnology	4 s.h.	BIOL 01350	Biodiversity & History of Life	3 s.h.
BIOL 02410	Stream Ecology	4 s.h.	MCB 05355	Bioinformatics: Biological Applications	3 s.h.
BIOL 01405	Conservation Biology	4 s.h.	MCB 10381	Cellular/Molecular Neuroscience	3 s.h.
BIOL 07300	Invertebrate Zoology	4 s.h.	BIOL 01445	Special Topics in Biology -WI	3 s.h.
BIOL 01352	Ornithology	4 s.h.			
BIOL 01470	Ichthyology	4 s.h.			
BIOL 18360	Intro to Marine Biology	4 s.h.	CHEM 07568	Medicinal Chemistry	3 s.h.
BIOL 21401	Entomology	4 s.h.	CHEM 07568	Biochemistry	4 s.h.
BIOL 01454	Herpetology	4 s.h.	CHEM 07399	Bioinformatics: Biochem Aspects	3 s.h.
BIOL 01458	Mammalogy	4 s.h.	CS 04301	Bioinformatics: Computational Aspects	3 s.h.
BIOL 01460	Animal Ethology	4 s.h.			
BIOL 07301	Comp. Vert. Anatomy	4 s.h.			
BIOL 11330	Microbiology	4 s.h.			
BIOL 11405	Environmental Microbiology	4 s.h.			
MCB 22335	Advanced Genetics	4 s.h.			
MCB 22450	Molecular Genetics	4 s.h.			
MCB 10345	Human Physiology	4 s.h.			
MCB 22410	Cnpts. in Human Genetics	4 s.h.			
BIOL 01430	Advanced Cell Biology	4 s.h.			
MCB 01325	Immunology	4 s.h.			
BIOL 01325	Mycology	4 s.h.			

Checklist and notes:

Have you added the Biological Sciences minor?

Have you met with a Biological Sciences faculty advisor or academic advisor?

Have you earned a C or better in each individual course towards the minor?

Have you selected/ taken minimum of two (2) additional Biology courses that are 300-level or above.