



Scan QR Code to Make an Advising Appointment

STARTING FALL 2019
BACHELOR OF SCIENCE OR ARTS IN BIOLOGY

REQUIRED SCIENCE CORE COURSES

COURSE	TITLE	CREDITS	SEMESTER
MATH 1170 OR MATH 1210	CALCULUS FOR BIOLOGISTS I OR CALCULUS I	4	
MATH 1180 OR MATH 1220	STATISTICS WITH CALCULUS FOR BIOLOGISTS OR CALCULUS II	4	
CHEM 1210	GENERAL CHEMISTRY I	4	
CHEM 1215	GENERAL CHEMISTRY LAB I	1	
CHEM 1220	GENERAL CHEMISTRY II	4	
CHEM 1225	GENERAL CHEMISTRY LAB II	1	
CHEM 2310	ORGANIC CHEMISTRY I	4	
PHYS 2010	GENERAL PHYSICS I	4	
PHYS 2020	GENERAL PHYSICS II	4	

REQUIRED FUNDAMENTAL BIOLOGY COURSES

COURSE	TITLE	CREDITS	SEMESTER
BIOL 1610	FUNDAMENTAL PRINCIPLES OF BIOLOGY I	4	
BIOL 1615	FUNDAMENTAL PRINCIPLES OF BIOLOGY LAB I	1	
BIOL 1620	FUNDAMENTAL PRINCIPLES OF BIOLOGY II	4	
BIOL 1625	FUNDAMENTAL PRINCIPLES OF BIOLOGY LAB II	1	

OTHER REQUIRED COURSES

COURSE	TITLE	CREDITS	SEMESTER
BIOL 2020 OR BIOL 2021	PRINCIPLES OF CELL BIOLOGY OR PRINCIPLES OF CELL SCIENCE (HONORS)	3 OR 4	
BIOL 2030	PRINCIPLES OF GENETICS	3	
BIOL 3410	ECOLOGY & EVOLUTION	3	
BIOL 3510	BIOLOGICAL CHEMISTRY I	3	

COMPLETE 1 FORM & FUNCTION COURSE

COURSE	TITLE	CREDITS	SEMESTER
BIOL 3310	COMP VERTEBRATE MORPHOLOGY	3	
BIOL 3320	COMPARATIVE PHYSIOLOGY	3	
BIOL 3330	BEHAVIORAL NEUROBIOLOGY	3	
BIOL 3340	INTRO TO PLANT BIOLOGY	3	
BIOL 3350	PHYSIOLOGY OF PLANTS	3	
BIOL 3370	MICROBIAL BIOLOGY	3	
BIOL 3380	EVOL & PHYSIOL BASIS OF HEALTH	3	
BIOL 5365	FORM, FUNCTION & ADAPTATION OF PLANTS (unknown when it will be taught again)	4 [L1]	
BIOL 5555 OR BIOL 5570	ECOL & EVOL OF PARASITES & PATHOGENS (lab portion is a separate course starting Fall 2020)	3 [L1] OR 3	

COMPLETE 2 5000-LEVEL BIOLOGY COURSES

COURSE	TITLE	CREDITS	SEMESTER

COMPLETE AT LEAST 2 ADDITIONAL BIOLOGY LAB COURSES

TOTALLING 3 LAB UNITS

COURSE	TITLE	LAB UNITS	SEMESTER
BIOL 1615	FUNDAMENTAL PRINCIPLES OF BIOLOGY LAB I	1	
BIOL 1625	FUNDAMENTAL PRINCIPLES OF BIOLOGY LAB II	1	



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**OTHER BIOLOGY COURSES NEEDED FOR THE REQUIRED 36 BIOLOGY HOURS
 OR REQUIRED 72 SCIENCE HOURS**

COURSE	TITLE	CREDITS	SEMESTER

IMPORTANT INFORMATION TO REMEMBER

Use this sheet and the Master List of Biology Courses with your Degree Audit to schedule your courses in a logical and functional sequence. **YOU** are responsible for ensuring that **ALL** requirements are met for the major **AND** that you have fulfilled **ALL** university requirements. Pay special attention when repeating courses and class time conflicts.

- Students must complete a minimum of 40 upper division hours (3000+)
- Students must complete a minimum of 72 Science hours
- Students must complete a minimum of 36 Biology credit hours
- Students must complete 21 Biology residency hours that must be taken at the U

NOTES