



Scan to Make an Advising Appt

### **BACHELOR OF SCIENCE OR ARTS IN BIOLOGY**

NAME:		
UNID:		
MAJOR: BIOLOGY	EMPHASIS:	MINOR:

#### **REQUIRED SCIENCE CORE COURES: MUST HAVE A MINIMUM OF A C- TO COUNT\***

COURSE	TITLE	CREDITS	PREREQUISITES C- OR BETTER	SEMESTER	TAKING WHEN
MATH 1170 OR MATH 1210	CALCULUS FOR BIOLOGISTS I OR CALCULUS I	4	MATH 1050 & 1060 OR MATH 1080 WITH A C OR BETTER	ALL	
MATH 1180 OR MATH 1220	STATISTICS WITH CALCULUS FOR BIOLOGIST OR CALCULUS II	4	MATH 1210 OR 1250 OR 1270 OR 1311 OR 1310 WITH A C OR BETTER	ALL	
CHEM 1210	GENERAL CHEMISTRY I	4	CHEM 1200 OR MATH 1050 OR 1080 OR 1210 OR 1220 OR 1250 OR 1260 OR 1310 OR 1320	ALL	
CHEM 1215	GENERAL CHEMISTRY LAB I	1	CHEM 1210 OR 1211	ALL	
CHEM 1220	GENERAL CHEMISTRY II	4	CHEM 1210 OR 1211	ALL	
CHEM 1225	GENERAL CHEMISTRY LAB II	1	CHEM 1070 OR 1215, 1240	ALL	
CHEM 2310	ORGANIC CHEMISTRY I	4	CHEM 1220 OR 1221	ALL	
PHYS 2010	GENERAL PHYSICS I	4	MATH 1050 AND 1060 OR 1080 OR 1210 OR 1310	ALL	
PHYS 2020	GENERAL PHYSICS II	4	PHYS 2010 OR 2210 OR 3210	ALL	

#### **REQUIRED BIOLOGY CORE COURES: MUST HAVE A MINIMUM OF A C- TO COUNT\***

COURSE	TITLE	CREDITS	PREREQUISITES C- OR BETTER	SEMESTER	TAKING WHEN
BIOL 1210 OR BIOL 1610	PRINCIPLES OF BIOLOGY OR FUNDAMENTAL PRINCIPLES OF BIOLOGY I	4 OR 3	N/A	ALL OR F/S	
BIOL 1620 OR BIOL 2010	FUNDAMENTAL PRINCIPLES OF BIOLOGY II OR EVOLUTION & DIVERSITY OF LIFE	3	BIOL 1210 OR BIOL 1610 OR AP4+	S OR F/S	
BIOL 2020	PRINCIPLES OF CELL BIOLOGY	3	BIOL 1210 OR BIOL 1610 OR AP4+ OR BIOEN 1020 AND CHEM 1210 OR 1211 OR AP4+	F/S	
BIOL 2030	PRINCIPLES OF GENETICS	3	BIOL 2020 OR 2021	F/S	
BIOL 3410	ECOLOGY & EVOLUTION	3	BIOL 1620 OR BIOL 2010 AND MATH 1170 OR 1310 OR 1210 OR 1250 OR AP CALC AB 4+ OR AP CALC BC 3+	S	
BIOL 3510	BIOLOGICAL CHEMISTRY I	3	CHEM 2310 OR 2311	ALL	

\*Some AP credit can count towards your science or biology core requirements. Please see the Master Course List for more information or see one of the Biology Academic Advisors for assistance\*

#### **COMPLETE ONE FORM & FUNCTION COURSE: MUST HAVE A MINIMUM OF A C- TO COUNT YOUR FIRST FORM & FUNCTION DOES NOT COUNT TOWARDS THE 18 HOURS OF BIOLOGY ELECTIVES IF YOU TAKE A SECOND ONE IT WILL COUNT TOWARDS THE 18 HOURS OF BIOLOGY ELECTIVES**

COURSE	TITLE	CREDITS	PREREQUISITES C- OR BETTER	SEMESTER	TAKING WHEN
BIOL 3310	COMP VERTEBRATE MORPHOLOGY	3	BIOL 1620 OR BIOL 2010	S	
BIOL 3320	COMPARATIVE PHYSIOLOGY	3	BIOL 1620 OR BIOL 2010	F	
BIOL 3330	BEHAVIORAL NEUROBIOLOGY	3	BIOL 1620 OR BIOL 2010 AND 2020 OR 2021	F19+	
BIOL 3340	INTRO TO PLANT BIOLOGY	3	BIOL 1210 OR BIOL 1610 OR AP4+	F	
BIOL 3350	PHYSIOLOGY OF PLANTS	3	BIOL 2020 OR 2021 AND CHEM 2310 OR 2311	S	
BIOL 3370	MICROBIAL BIOLOGY	3	BIOL 2020 OR 2021	S	
BIOL 3380	EVOL & PHYSIOL BASIS OF HEALTH	3	BIOL 2020 OR 2021 OR 2420 OR 2421	F	
BIOL 5365	FORM, FUNCTION & ADAPTATION OF PLANTS	4 [L1]	RECOMMENDED BIOL 1620 OR BIOL 2010	S/EVEN	
BIOL 5555	ECOL & EVOL OF PARASITES & PATHOGENS	3 [L1]	BIOL 1620 OR BIOL 2010	S/EVEN	



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**BIOLOGY ELECTIVES/LABS (18 CREDITS): MUST HAVE A MINIMUM OF A C- TO COUNT**  
**TWO ELECTIVES MUST BE TAKEN AT THE 5000-LEVEL AND WORTH A MINIMUM 2 CREDITS**  
**A MAXIMUM OF 6 CREDITS OF 2000 LEVEL COURSES CAN COUNT TOWARDS THE 18 CREDITS**  
**A SECOND FORM & FUNCTION CAN COUNT TOWARDS THE ELECTIVE HOURS**  
**BIOL 5710 DOES NOT COUNT FOR THE 5000-LEVEL ELECTIVE**  
**\*REFER TO MASTER COURSE LIST FOR ELECTIVES THAT COUNT TOWARDS THE 18 CREDITS\***

COURSE	TITLE	CREDITS	PREREQUISITES C- OR BETTER	SEMESTER	TAKING WHEN
NOTES					

**BIOLOGY LABORATORY COURSES**  
**BIOLOGY MAJORS MUST COMPLETE AT LEAST 4 APPROVED BIOLOGY LAB COURSES THAT TOTAL 5 LAB UNITS**  
**\*WE WILL ONLY ACCEPT UP TO 2 TRANSFER BIOLOGY LABS WITH ADVISOR APPROVAL\***

COURSE	TITLE	LAB UNITS	PREREQUISITES C- OR BETTER	SEMESTER	TAKING WHEN
NOTES					

Use this sheet with your Degree Dashboard 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. Please see Biology emphases sheets for specific requirements for each emphasis.  
 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 & 21 Biology residency hours that must be taken at the U

OTHER NOTES	
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