



Scan to Make an Advising Appt

BACHELOR OF SCIENCE OR ARTS IN BIOLOGY
WITH AN
ANATOMY & PHYSIOLOGY EMPHASIS

NAME:
UNID:
MINOR:

REQUIRED SCIENCE CORE COURSES: 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	ALL	
MATH 1180 OR MATH 1220	STATISTICS WITH CALCULUS FOR BIOLOGISTS OR CALCULUS II	4	MATH 1210 OR 1250 OR 1270 OR 1311 OR 1310	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 OR 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 COURSES: MUST HAVE A MINIMUM OF A C- TO COUNT

COURSE	TITLE	CREDITS	PREREQUISITES C- OR BETTER	SEMESTER	TAKING WHEN
BIOL 1210	PRINCIPLES OF BIOLOGY	4	N/A	ALL	
BIOL 2010	EVOLUTION & DIVERSITY OF LIFE	3	BIOL 1210	F/S	
BIOL 2020	PRINCIPLES OF CELL BIOLOGY	3	BIOL 1210 AND CHEM 1210 OR 1211	F/S	
BIOL 2030	PRINCIPLES OF GENETICS	3	BIOL 2020 or 2021	F/S	
BIOL 3410	ECOLOGY & EVOLUTION	3	BIOL 2010 AND MATH 1170 OR 1310 OR 1210 OR 1250	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 2010 AND CO-REQ BIOL 3410	F	
BIOL 3320	COMPARATIVE PHYSIOLOGY	3	BIOL 2010	F	
BIOL 3330	BEHAVIORAL NEUROBIOLOGY	3	BIOL 2010 AND 2020 OR 2021	F	
BIOL 3380	EVOL & PHYSIOL BASIS OF HEALTH	3	BIOL 2420 OR 2421	F	



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BIOLOGY ELECTIVES/LABS (18 CREDITS): MUST HAVE A MINIMUM OF A C- TO COUNT
SELECT AT LEAST 4 COURSES FROM THE APPROVED CLASSES BELOW
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
REFER TO MASTER COURSE LIST FOR ELECTIVES THAT COUNT TOWARDS THE 18 CREDITS

COURSE	TITLE	CREDITS	PREREQUISITES C- OR BETTER	SEMESTER	TAKING WHEN
BIOL 2210	HUMAN GENETICS	3	BIOL 1210 OR AP4+	F	
BIOL 2325	HUMAN ANATOMY	4 [L1]	N/A	ALL	
BIOL 2420	HUMAN PHYSIOLOGY	4	BIOL 1210 OR AP4+ AND CHEM 1110 OR 1210 OR 1211 OR AP4+	ALL	
BIOL 3210	GENERAL & PATHOGENIC MICROBIOLOGY	3	BIOL 2020 OR 2021 AND CHEM 1110 OR 1210 OR 1211 OR AP4+	F/S	
BIOL 3310	COMP VERTEBRATE MORPHOLOGY	3	BIOL 2010 AND CO-REQ BIOL 3410	F	
BIOL 3320	COMPARATIVE PHYSIOLOGY	3	BIOL 2010	F	
BIOL 3325	COMPARATIVE PHYSIOLOGY LAB	3 [L2]	BIOL 1210 OR AP4+	S	
BIOL 3330	BEHAVIORAL NEUROBIOLOGY	3	BIOL 2010 AND 2020 OR 2021	F	
BIOL 3360	VERTEBRATE EMBRYOLOGY	3	BIOL 2325	F/EVEN	
BIOL 3380	EVOL & PHYSIOL BASIS OF HEALTH	3	BIOL 2420 OR 2421	F	
BIOL 5030	BASIC IMMUNOLOGY	3	BIOL 2020 OR 2021	F	
BIOL 5140	GENOME BIOLOGY	3	BIOL 2020 OR 2021 AND BIOL 2030	S	
BIOL 5315	ADVANCED HUMAN ANATOMY	3 [L1]	BIOL 2325	S	
BIOL 5370	MAMMALOLOGY	3	BIOL 2010	S	

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.
 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