MAJOR REQUIREMENTS
- 56-72 credit hours of Biology, Chemistry, and Mathematics required
  (Variation in credit hours is tied to student’s major track selection and course selection)
- Minimum of 15 credit hours of Biology must be upper-college

NOTE: A grade of “C” or better is required in ALL biology courses counted toward the major

BIOLOGY CORE REQUIREMENTS: (21 HRS)
B1151 & B1151L Molecular and Cellular Biology & Lab (4 hrs)  
B1152 Genetics (4 hrs)  
B1251 Ecology and Evolution (4 hrs)  
B1254 Organismal Diversity (4 hrs)  
B1298 Experimental Design Workshop (1 hr)  
B1410 Senior Seminar in Biology (2 hrs)  
B1498 Research in Biology (2 hrs)  

Supporting Coursework

CH137 & CH137L General Chemistry I & Lab (4 hrs)  
CH138 General Chemistry II (3 hrs)  
CH140 Quantitative Analy Chem (2 hrs)  
CH251 Organic Chemistry I (4 hrs)  
CH252 Organic Chemistry II (4 hrs)  
CH370 Biochemistry (3 hrs)  
MA171 Calculus I OR MA321 Statistics II (for the B.S. degree)  

Note: Results in a minor in Chemistry

TRACK 1: MOLECULAR BIOSCIENCE
B1383 Adv Cell Biology (3 hrs)  
B1385 Adv Molecular Biology (3 hrs)  
B1386 Mth Biochemistry/Molec Bio (3 hrs)  
2 additional UC bio. crs, 1 must be a lab crs (7-8 hrs)  

Supporting Coursework

CH137 & CH137L General Chemistry I & Lab (4 hrs)  
CH138 General Chemistry II (3 hrs)  
CH140 Quantitative Analy Chem (2 hrs)  
CH251 Organic Chemistry I (4 hrs)  
CH252 Organic Chemistry II (4 hrs)  
CH370 Biochemistry (3 hrs)  
MA171 Calculus I OR MA321 Statistics II (for the B.S. degree)  

Note: Results in a minor in Chemistry

TRACK 2: VERTEBRATE BIOLOGY
B1360 Comp Vertebrate Anatomy (4 hrs)  
B1361 Developmental Biology (4 hrs)  
B1382 Animal Physiology (4 hrs)  
2 additional UC biology courses (6-8 hrs)  

Supporting Coursework

CH137 & CH137L General Chemistry I & Lab (4 hrs)  
CH138 General Chemistry II (3 hrs)  
MA171 Calculus I OR MA321 Statistics II (for the B.S. degree)  

Note: A minor in the student’s area of interest is required

TRACK 3: ECOLOGY AND EVOLUTION
B1340 Plant Form and Function (4 hrs)  
B1375 Evolution (3 hrs)  
B1377 Population and Community Ecology (4 hrs)  
2 additional UC bio. crs, 1 must be a lab crs (7-8 hrs)  

Supporting Coursework

CH137 & CH137L General Chemistry I & Lab (4 hrs)  
MA321 Statistics II (for the B.S. degree) (3 hrs)  

Note: A minor in the student’s area of interest is required

TRACK 4: TEACHING BIOLOGY SECONDARY LEVEL
B1340 Plant Form and Function (4 hrs)  
B1360 Comp Vertebrate Anatomy (4 hrs)  
B1375 Evolution (3 hrs)  
B1377 Pop. and Comm. Ecology (4 hrs)  
B1380 Behavioral Ecology (4 hrs)  
B1382 Animal Physiology (4 hrs)  

Supporting Coursework

CH137 & CH137L General Chemistry I & Lab (4 hrs)  
PC125 Introductory Physics I (4 hrs)  
MA171 Calculus I OR MA321 Statistics II (for the B.S. degree)  

Note: A major in Secondary Education is also required

SPECIAL NOTE: Students majoring in a discipline that requires fewer than 12 hours of supporting coursework must complete a minor area of concentration. Therefore, a minor is required for the Biology major track 2 and track 3. For specific minor requirements, refer to the departmental section of the 2016-2017 Catalog.

STUDENT NAME: ____________________________________________

STUDENT NUMBER: ________________________________________

DATE: ______________________________________________________

Catalog year: 2017