

LIBERAL ARTS AND SCIENCES: BACHELOR OF SCIENCE BIOLOGY / ORGANISMAL / ECOLOGY

I. BASIC REQUIREMENTS: 9/10 S.H.		
A. COMPOSITION: 3 S.H.	Gr.	S.H.
ENG 023-025		
B. ORAL COMMUNICATIONS: 3 S.H.		
SPE 010		
C. HEALTH: 2/3 S.H.		
HPD 110, 115, 116 OR 120		
D. PHYSICAL EDUCATION: 1 S.H.		
HPD 011-095, 170		
II. HUMANITIES: 12 S.H.		
A. LITERATURE: 3 S.H.		
ENG OR FRE 138		
B. MUSIC or SPEECH or THEATRE: 3 S.H.		
MUS		
SPE		
THE		
C. ART HISTORY or PHILOSOPHY: 3 S.H.		
ARH		
ARC 015		
PHI		
ARC 105 OR 342		
D. ELECTIVE IN ANY DISCIPLINE LISTED IN SECTION II AND INCLUDING CDH, FRE, GER, HUM, MLS, AND SPA: 3 S.H.		
III. SOCIAL SCIENCES: 12 S.H.		
A. HISTORY or POLITICAL SCI.: 3 S.H.		
HIS		
POL		
B. ANTH or PSYCH or SOCIO: 3 S.H.		
ANT		
PSY*		
SOC*		
C. ECONOMICS or GEOGRAPHY: 3 S.H.		
ECO		
GEG**		
D. ELECTIVE IN ANY DISCIPLINE LISTED IN SECT. III, INCL. INT & SSE COURSES: 3 S.H.		
IV. NATURAL SCIENCES & MATH.: 12 S.H.		
This requirement will be fulfilled as part of the Biology degree requirements.		
V. FREE ELECTIVES: 9-12 S.H.		

VI. MAJOR PROGRAM: 47/48 S.H.		
A. REQUIRED BIO: 23 S.H.	Gr.	S.H.
BIO 104 Principles of Biology		4
BIO 106 Intro. To Zoology		4
BIO 108 Intro. To Botany		4
BIO 224 Applied Env. Microbiology		3
BIO 216 Genetics		3
BIO 270 Research Methods		3
BIO 380 Senior Seminar		2
B. ORGANISMAL/ECOLOGY TRACK: 12 S.H.		
BIO 244 Ecology		3
BIO 232 Plant Physiology OR		3
BIO 300 Comp. Animal Physiol. OR		
BIO 228 Human Phys OR		
BIO 320 Phys. Ecology Animals		
BIO 302 Entomology OR		3
BIO 218 Vertebrate Biology OR		
BIO 308 Ornithology OR		
BIO 316 Invertebrate Biology		
BIO 230 Taxonomy Vasc. Plants OR		3
BIO 232 Plant Phys (See Note 1) OR		
BIO 324 Plant Ecology		
C. ELECTIVES: 12/13 S.H.		
BIO 222 Environmental Biology		
BIO 226 Marine Biology		
BIO 230 Taxonomy Vascular Plants		
BIO 232 Plant Physiology		
BIO 228 Human Phys		
BIO 218 Vertebrate Biology		
BIO 302 Entomology	select three courses from this block	9
BIO 308 Ornithology		
BIO 314 Animal Behavior		
BIO 316 Invert. Biology		
BIO 320 Physiological Ecology Animals		
BIO 322 Pop. & Community Ecology		
BIO 324 Plant Ecology		
BIO 326 Marine Ecology		
BIO 332 Aquatic Ecology		
BIO 346 Molecular Biology		
BIO 350 Cell Biology		
BIO 300 Comp. Animal Physiology		
BIO 328 Herpetology		
BIO 370 Research OR		
BIO 390 Internship		
BIO, MAR, or ENV 200-400 level elective		3/4

VII. CONCOMITANT COURSES: 30 S.H.		
A. REQUIRED CHM: 16 S.H.	Gr.	S.H.
CHM 100 General Chemistry I		4
CHM 102 General Chemistry II		4
CHM 214 Organic Chemistry I		4
CHM 220 Env. Analysis OR		4
CHM 216 Organic Chemistry II		
B. REQUIRED PHY: 8 S.H.		
PHY 040 Physics I &		4
PHY 042 Physics II OR		4
PHY 100 Physics I &		
PHY 102 Physics II		
C. MATHEMATICS 6 S.H.		
MAT 106 Trigonometry OR		3
MAT 115 Precalculus OR		
MAT 171 Calculus I		
MAT 140 Applied Statistics OR		3
PSY/SOC 200 Statistics OR		
MAT 150 Biostatistics OR		
MAT 171 Calculus I OR		
MAT 172 Calculus II		
MIN. REQ. SEMESTER HOURS		120

VIII. GRADUATION REQUIREMENTS		
A. At least 120 Semester Hours	yes	no
B. Comprehensive Exam Passed	yes	no
C. Minimum QPA of 2.0 overall	yes	no
D. Minimum QPA of 2.0 in major	yes	no
E. 5 courses in Cat VI at the 300 or 400 level	yes	no

NOTES
1. No single course can count toward more than one category
2. *PSY011 & SOC010 are prereq. to most courses in their respective disciplines
3. **GEG- Non-laboratory courses only allowed in this category.
4. ***Grade of B or better required as prereq for CHM216.
5. 5 courses in Cat. VI must be at 300 or 400 level.

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Approved