

BS BIOLOGY (120cr) CHECKLIST (Revised Aug 2020)

Student: _____

Advisor: _____

BIOLOGY MAJOR REQUIREMENT (60cr)						
BIOLOGY COURSES 36cr				Planned	Taken	Grade
Biology Core Courses (12cr)						
BIOL	201	Principles of Ecology & Evolution	4cr			
BIOL	202	Principles of Cell & Molecular Biology	4cr			
BIOL	203	Principles of Genetics & Development	4cr			
Controlled Biology Electives* (24cr)				Planned	Taken	Grade
BIOL						
BIOL						
BIOL						
BIOL						
BIOL						
BIOL						
BIOL						
BIOL						
BIOL						
<p>*A minimum of 12cr must be in courses at the 300-400 level. *No more than 6cr total from Independent Study, Special Topics, or Internship applies to major; excess applied as free electives. *No more than 4cr can come from 100-level courses. *Excluding pre-requisite, cognate, liberal studies, college core courses, no more than 2 Major courses can be shared between a major and minor. *Students may be eligible for our sub-baccalaureate Cell and Molecular Biology Certificate (16cr). In contrast to Minors, there are no restrictions for course overlap between Major and Certificate.</p>						
Controlled Electives (7-8cr)				Planned	Taken	Grade
CHEM	231	Organic Chemistry I	4cr			
CHEM	351 <i>or</i> BIOC 301	Biochemistry <i>or</i> Foundations of Biochemistry	4 <i>or</i> 3cr			
<p>An additional 16-17cr from the following requires advisor approval* ANTH, BIOL majors courses only, CAAST, CHEM, CRIM, GEOG, GEOS, FDNT, LGBT&Q, MATH, MGMT, PHIL, PHYS, PLSC, PSYC, PUBH, RGPL, SAFE, SOC, SUST, WGS or other courses of interest. * Courses appropriate for a Minor of interest should be selected.</p>						
				Planned	Taken	Grade

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LIBERAL STUDIES REQUIREMENT (45cr)						
Learning Skills-English Composition (6cr)				Planned	Taken	Grade
ENGL	101	English Composition I	3cr			
ENGL	202	English Composition II	3cr			
Learning Skills-Mathematics (4cr)				Planned	Taken	Grade
MATH	121	Calculus I for Natural and Social Sciences	4cr			
Knowledge Areas-Humanities (9cr)				Planned	Taken	Grade
HIST			3cr			
PHIL/RLST			3cr			
ENGL	121	Humanities: Literature	3cr			
Knowledge Areas-Fine Arts (3cr)				Planned	Taken	Grade
			3cr			
Knowledge Area: Natural Science, Option I (8cr)				Planned	Taken	Grade
CHEM	111	General Chemistry I	4cr			
CHEM	112	General Chemistry II	4cr			
Knowledge Areas-Social Sciences* (9cr)				Planned	Taken	Grade
			3cr			
			3cr			
			3cr			
*No course prefix may be used more than once. One of these courses SHOULD fulfill the Liberal Studies Global & Multicultural Awareness Requirement.						
Knowledge Area-Dimensions of Wellness (3cr)				Planned	Taken	Grade
			<i>or</i> 3cr			
MLSC	101	Intro. to Military Science & Lab	2cr			
MLSC	102	Fundamentals of Military Sci. & Lab	2cr			
Liberal Studies Elective (3cr)				Planned	Taken	Grade
MATH	216 <i>or</i> 217	Probability and Statistics for Natural Sciences <i>or</i> Probability and Statistics	3cr			
FREE ELECTIVES* (15cr)						
*Free Electives will be used toward a Minor such as Animal Behavior, Biomedical Science, Forensic Biosciences, Environmental Microbiology, Neurobiology, Wildlife and Conservation Biology, or other minors of interest.						
*Excluding pre-requisite, cognate, liberal studies, college core courses, no more than 2 Major courses can be shared between a major and minor.						
Free Electives (15cr)				Planned	Taken	Grade
EXIT SURVEY REQUIREMENT:			DATE TAKEN:			
COMMENTS:						