B.A. in BIOLOGY CHECKLIST

(Revised May 2016)

Student _____

Advisor_____

BIOLOGY COURSES (33 cr)				Planned	Taken	Grade
Biology Core Courses (12 cr)						
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 (21 cr)*						
BIOL						
BIOL						
BIOL						
BIOL						
BIOL						
BIOL						
BIOL						
*No more than 6cr total from Independent Study, Special Topics, or Internship applies to major; excess applied as free electives.						
REQUIRED CHEMISTRY COURSES (8 cr)*						
CHEM	111	General Chemistry I	4cr			
CHEM	112	General Chemistry II	4cr			
* Fulfills the Liberal Studies Natural Science Requirement. CHEM 113-114 may be substituted.						
REQUIRED MATHEMATICS COURSES (3-4 cr)*						
MATH	121	Calculus I *or*	4cr			
MATH	217	Probability and Statistics	3cr			
*Fulfills the Liberal Studies Mathematics Requirement						
REQUIRED PHYSICS COURSES (4 cr)						
PHYS	111	Physics I Lecture	3cr			
PHYS	121	Physics I Lab	1cr			
ANCILLARY SCIENCE ELECTIVES (4-5 cr)*						
*If MATH 121 (4cr) is elected as the Liberal Studies MATH course the additional requirement is 4cr; if MATH 217 (3cr) is elected, the additional requirement is 5cr. The mathematics course counted in Liberal Studies cannot also count in ancillary courses. Select from: **BIOC** 301, 302, 311, 312, 401, 480, 490; **CHEM** 231, 232, 321, 323, 351; **GEOS** 201, 202, 203, 303, 310, 311, 312, 313, 351, 352, 353, 354, 362, 370, 371; **MATH** 122, 417, 418; **PHYS** 112, 122, 151, 161, **PSYC** 290, 291, 315, 331, 341, 342 or 345, 350, 355, 356, 359, 372. Other appropriate major courses at 200-level and above (excluding liberal studies courses) in the above departments may be substituted with permission of the advisor and the biology department chairperson in advance of taking the course.						
COMPLEMENTARY FIELD (15 cr)*						
*Requires advisor approval. At least 6cr in 300/400 level courses. Recommended complementary fields include Anthropology, Art, Business, Chemistry, Communications Media, Computer Science, Criminology, Dietetics, Economics, English, Foreign Language, Geography, Geoscience, Journalism, Mathematics, Philosophy, Physics, Political Science, Psychology, Regional Planning, or Safety Science. Some courses in complementary field may also fulfill Liberal Studies requirements. However, if complementary field selected is Chemistry, Geoscience,						

Mathematics, Physics, or Psychology, courses used to fulfill other requirements above may not be applied to the complementary field requirement of 15cr. We encourage students to seek additional interdisciplinary connections not listed here.

FOREIGN LANGUAGE REQUIREMENT (0-6 cr)*					

* a) Two courses in one language, including the placement course; or b) intermediate level. In lieu of a foreign language, students may elect to take a sequence of two courses in either Computer Science, exclusive of COSC 101 (COSC 110 and 210 recommended), or two courses in Geography/Regional Planning (from the following: GEOG/RGPL 213, 314, 316, 415, 417)

ADDITIONAL LIBERAL STUDIES REQUIREMENTS				**Planned**	**Taken**	**Grade**
Learning Skills:						
ENGL	101	English Composition I	3cr			
ENGL	202	English Composition II	3cr			
Knowledge Areas – Humanities:						
HIST			3cr			
PHIL/RLST			3cr			
ENGL	121	Humanities: Literature	3cr			
Knowledge Areas – Fine Arts:						
			3cr			
Knowledge Areas – Dimensions of Wellness:						
			or 3cr			
MLSC	101	Intro. to Military Science & Lab	2cr			
MLSC	102	Fundamentals of Military Sci. & Lab	2cr			
Knowledge Areas – Social Sciences*:						
			3cr			
			3cr			
			3cr			

*No course prefix may be used more than once. One of these courses may fulfill the Liberal Studies Global & Multicultural Awareness Requirement.

Knowledge Areas – Liberal Studies Elective:				
		3cr		
Global & Multicultural Awareness Course:				
Two 'Writing Intensive' Courses (at least one in major):				

FREE ELECTIVES (12-20 cr):				

EXIT SURVEY REQUIREMENT:	DATE TAKEN:

COMMENTS: