

B.S. in BIOLOGY CHECKLIST**Environmental Health Track**

(Revised May 2016)

Student _____

Advisor _____

BIOLOGY COURSES (41 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			
Required Biology Courses (21 cr)						
BIOL	220	General Zoology	3cr			
BIOL	221	Environmental Health and Protection	4cr			
BIOL	240	Human Physiology	4cr			
BIOL	250	Principles of Microbiology	4cr			
BIOL	323	Intro. to Toxicology & Risk Assessment	3cr			
BIOL	460	Fundamentals of Environmental Epidemiology	3cr			
Controlled Biology Electives (8 cr)*						
BIOL						
BIOL						
*Select from BIOL 262, 310, 363, 466, 476, 481, 482, 483, 484, 493, or other biology major courses by permission of advisor and department chairperson. No more than 6cr total from Independent Study, Special Topics, or Internship applies to major; excess applied as free electives.						
REQUIRED CHEMISTRY COURSES (16 cr)*						
CHEM	111	General Chemistry I	4cr			
CHEM	112	General Chemistry II	4cr			
CHEM	231	Organic Chemistry I	4cr			
CHEM	351	Biochemistry	4cr			
* CHEM 111-112 fulfill the Liberal Studies Natural Science Requirement. CHEM 113-114 may be substituted.						
REQUIRED MATHEMATICS COURSES (7 cr)						
MATH	121	Calculus I*	4cr			
MATH	216	or 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 & TECHNICAL ELECTIVES (4 cr)*						
* Select from: CHEM 232, 323; GEOG/RGPL 415, 417, GEOG 419, 425; GEOS 201, 202, 312, 313; MATH 122; PHYS 112, 122; 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.						
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)						

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