

B.S. in BIOLOGY CHECKLIST

Student _____

Pre-Veterinary Track

(Revised May 2016)

Advisor _____

BIOLOGY COURSES (37 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 (16 cr)						
BIOL	220	General Zoology	3cr			
BIOL	250	Principles of Microbiology	4cr			
BIOL	242	Comparative Vertebrate Anatomy	3cr			
BIOL	310	Applied Entomology and Zoonosis	3cr			
BIOL	352	Comparative Animal Physiology	3cr			
Controlled Biology Electives (9 cr)*						
BIOL						
BIOL						
BIOL						
*Select from BIOL 210, 221, 261, 271, 272, 310, 323, 363, 364, 401, 402, 403, 405, 410, 455, 460, 466, 475, 477, 481, 482, 483, 484, 491, 493, 499, 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 (20 cr)*						
CHEM	111	General Chemistry I*	4cr			
CHEM	112	General Chemistry II*	4cr			
CHEM	231	Organic Chemistry I	4cr			
CHEM	232	Organic Chemistry II	4cr			
CHEM	351	Biochemistry	4cr			
* CHEM 111-112 fulfill the Liberal Studies Natural Science Requirement. CHEM 113-114 may be substituted. Student meets the requirements for Chemistry Minor and should complete the application for minor.						
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 (8 cr)						
PHYS	111	Physics I Lecture	3cr			
PHYS	121	Physics I Lab	1cr			
PHYS	112	Physics II Lecture	3cr			
PHYS	122	Physics II Lab	1cr			
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)						

