

**Biology Science – Wildlife and Conservation Biology Option (BS)**

Suggested Plan of Study

2020-2021 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MATH 1033 Plane Trigonometry	3
BIOL 1051 Issues in Conservation Biology	1	CHEM 1123/1121 University Chemistry II/Lab	4
BIOL 1203/1201 Principles of Biology I/Lab	4	BIOL 1213/1211 Principles of Biology II/Lab	4
CHEM 1023/1021 University Chemistry I/Lab	4	*HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II or PSCI 2003 American Government: National	3
GSTD 1002 Freshman Seminar	2		
Total Semester Hours	<b>17</b>	Total Semester Hours	<b>17</b>
Fall - Semester 3		Spring - Semester 4	
BIOL 3183/3181 Botany/Lab	4	World Literature I/II (ENGL 2213 or ENGL 2223)	3
BIOL 3033/3031 Genetics/Lab	4	Free Electives	4
Fine Arts/Humanities (ART 1103 or ART 2013, HUM 2003, ENGL 2213, ENGL 2223, MUS 2003 or MUS 2013, PHIL 2403, THEA 2003, or Foreign Language)	3	BIOL 3763 Evolutionary Biology	3
BIOL 4013/4011 Ecology/Lab	4	BIOL 3023/3021 Microbiology/Lab	4
Total Semester Hours	<b>15</b>	Total Semester Hours	<b>14</b>
Fall - Semester 5		Spring - Semester 6	
Fine Arts/Humanities (ART 1103 or ART 2013, HUM 2003, ENGL 2213, ENGL 2223, MUS 2003 or MUS 2013, PHIL 2403, or THEA 2003)	3	MATH 3043 Introduction to Applied Probability and Statistics I or BIOL 3553 Conservation Genetics	3
BIOL 3443 Global Environmental Change or BIOL 3703/3701 Vertebrate Physiology	3-4	BIOL 3083/3081 Plant Physiology/Lab	4
PHYS 2003/2001 College Physics I/Lab or PHYS 2203/2201 University Physics I/Lab	4	BIOL 4063/4061 Wildlife Ecology and Management/Lab	4
CHEM 3003/3001 Organic Chemistry I/Lab	4	BIOL 3073/3071 Entomology or BIOL 3383/3381 Herpetology/Lab or BIOL 3393/3391 Ichthyology/Lab or BIOL 3423/3421 Mammalogy/Lab or BIOL 3523/3521 Ornithology/Lab	4
Total Semester Hours	<b>14- 15</b>		<b>15</b>
Fall - Semester 7		Spring - Semester 8	
*HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II or PSCI 2003 American Government: National	3	BIOL 4101 Biology Colloquium	1
BIOL 3443 Global Environmental Change or BIOL 3703/3701 Vertebrate Physiology	3-4	BIOL 3073/3071 Entomology or BIOL 3383/3381 Herpetology/Lab or BIOL 3393/3391 Ichthyology/Lab or BIOL 3423/3421 Mammalogy/Lab or BIOL 3523/3521 Ornithology/Lab	4
Social Science choice (ECON 2103, FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003)	3	MATH 3043 Introduction to Applied Probability and Statistics I or BIOL 3553 Conservation Genetics	3
Free Electives	3	BIOL 3303/3301 Systematic Botany/Lab	4
BIOL 4663 Natural Resource Policy and Administration	3		
Total Semester Hours	<b>15- 16</b>	Total Semester Hours	<b>12</b>

Total hours required for Major – 120

\*Note: Must have six hours of history/government. Three hours must be World History I or II. Three hours must be U.S. History I, U.S. History II or American Government: National.