

Illinois State University

PLAN OF STUDY FOR MAJOR IN BIOLOGICAL SCIENCES – Conservation Biology Sequence

Name _____ ID _____ Catalog year _____

Date _____ Minor _____ Career Goal _____

MAJOR REQUIREMENTS:

BSC 196 Biological Diversity (4) _____
BSC 197 Cellular and Mol. Basis of Life (4) _____
BSC 204 Biological Investigations (1) *196, 197* _____

SEQUENCE REQUIREMENTS:

BSC 201 Ecology (4) _____
BSC 219 Genetics (3) _____
BSC 280 Conservation Animal/Plant Biodiversity (3) *201* _____
BSC 305 Biological Evolution (3) *J/S* _____

Conceptual Group Electives (1 course minimum):

BSC 212 Principles of Botany (4) _____
BSC 260 Microbiology (4) *CHE 220 or 230/231* _____
BSC 286 Animal Behavior (4) _____
BSC 295 Comparative Vertebrate Anatomy (4) _____
BSC 311 Rain Forest Ecology (3) *201* _____
BSC 325 Ecological Physiology of Animals (3) *J/S* _____
BSC 333 Plant Diversity (4) *211 or 212 or 223* _____
BSC 375/6 Stream Ecology (4) *J/S* _____

Botany Taxon Group Electives (1 course minimum):

BSC 211 Economic Botany (4) _____
BSC 223 Ecology & Conservation of Plants (4) _____
BSC 330 Biol of Algae (4) *one of 201, 203, 212, 219, 260* _____
BSC 335/6 Plant Taxonomy (4) *one of 211, 212, 213* _____

Zoology Taxon Group Electives (1 course minimum):

BSC 292 Invertebrate Zoology (4) _____
BSC 294 Evol & Phys Fishes (4) *CHE 110/112 or 141, J/S* _____
BSC 296 Mammalian Biology (3) _____
BSC 301 Entomology (4) *201* _____
BSC 396 Avian Biology (4) _____

Additional Electives: Choose from the three elective groups to meet a minimum of 16 hours.

TOTAL BIOLOGY HOURS (38 required) _____

ADDITIONAL REQUIRED NON-BIOLOGY COURSES:

CHE 140/141 or 110/112 (general or fund.) _____ CHE 220 or 230/231 Organic Chemistry _____

OPTIONAL CHEMISTRY

CHE 232 Org Chem II ____ CHE 233 Org Chem Lab II ____ CHE 242 or 342 Biochem ____ CHE 215 Analytical Chem ____

PHY 105 Fund of Physics 1 ____ or PHY 108 College Physics I ____ or PHY 110 Physics for Sci & Eng I ____

MATH (applied option)

MAT 120 Finite Mathematics _____ MAT 121 Applied Calculus or ECO/GEO/PSY 138 Statistics _____

MATH (theoretical option)

MAT 145 Calculus I _____ MAT 146 Calculus II or ECO/GEO/PSY 138 Statistics _____

MINOR or other coursework needed _____

GENERAL EDUCATION PLAN: ISU Gen Ed AA/AS IAI (see www.itransfer.org)

ISU GRADUATION REQUIREMENTS: (check mark indicates completion)

- Minimum Degree Hours 120 _____
- Senior College Hours (200 or 300 level) 42 _____
- General Education: _____

- Global Studies Course
- One Year Foreign Language (Students with 3 years of H.S. for. lang. are exempt)

SCHEDULE (* Denotes Senior Hours)

This is a proposed schedule. Courses may or may not be offered in the proposed semester. Students are responsible for checking their progress summaries for deficiencies each semester. Progress summaries may be obtained in Moulton Hall or viewed online through the myIllinoisState Portal at my.illinoisstate.edu

Students should read their catalogs carefully. The catalog rules are binding.

Summer 2013	Fall 2013	Spring 2014
Summer 2014	Fall 2014	Spring 2015
Summer 2015	Fall 2015	Spring 2016

Notes for Plan: _____

