B.S. Environmental Science – Natural Science Concentration
2016-2017 Catalog
This plan is an unofficial document used for advisement only.

General Education: (60 hours)

School Grade

Area A – Essential Skills: (9 hours)
("C" or better)
ENGL 1101 English Composition I
ENGL 1102 English Composition II
MATH 1113 Pre-calculus OR MATH 2200 Calculus I

Area B – Institutional Option (4 hours)
ITEC 1001 Introduction to Computing

Area C – Humanities/Fine Arts (6 hours)
Select one from the following:
MUSC 1100/ARTS 1100/ENGL 2111, 2112, 2121, 2122, 2131, 2132/FILM 1006
Select one from the following:
RELN 1100/GEOG 1101/2000 level foreign language

Area D – Science, Math, Technology (11 hrs)
CHEM 121TK and 1212K
Select one from the following:
ITEC 2110/ITEC 2120

Area E – Social Science (12 hours)
POLS 1101 American Government
HIST 2111 or HIST 2112 U.S. History I & II
Select one course:
HIST 2111 (if not used above)
HIST 2112 (if not used above)
HIST 1111 World History I
HIST 1112 World History II
HIST 1121 Western Civ I
HIST 1122 Western Civ II
Select one from the following:
PSYC 1102/SOC/ANTH 1101/1102/ECON 2100

Area F – Courses Related to the Program of Study (18 hours) ("C" or better)
ESNS 1101K Intro to Environmental Science
ESSS 1102 Intro to Environmental Science
POLS 2101 Introduction to Political Science
BIOL 1107K Principles of Biology I
BIOL 1108K Principles of Biology II

Additional Requirements

Physical Education (3 hours)
Choices for Life (1 hour)
Additional Physical Education (2 hours)

Program of Study: (60 hours) Grade of “C” or Better
(39 hours must be at the 3000-4000 level)

School Grade

Required Courses (35-42 hours)

CHEM 2211K Organic Chemistry I
MATH 2200 Calculus (if not taken in Area A)
CHEM 1101 Intro to Human Geography (if not taken in Area C)
MATH 2000 Statistics
POLS 3550 Public Policy Process
GEOG 3320 GIS
BIOC 4750 Environmental Toxicology
ESSS 3100 Environmental Ethics
ESSS 3200 Environmental Law
ESNS/ESSS 4900 Capstone Interdisciplinary Research or STEC 4500 Undergraduate Research Project
BIOC 3500K Ecology

Select one from the following:
BIOC 3310K Botany
BIOC 3600K Zoology
(2 cr from Areas A and D)

Elective (12-16 hours)
Complete one of the following:
Chemistry Focus

CHEM 2212K Organic Chemistry II
CHEM 3000K Analytical Chemistry
CHEM 3200 Environmental Chemistry

Select at least 4 credits from the following:
CHEM 4100K Instrumental Chemistry
CHEM 3500 Industrial Chemistry
BIOC 3100K Biochemistry
CHEM 4701K Integrated Lab I
CHEM 3100K Inorganic Chemistry

Microbiology Focus

BIOC 3400K Cell Biology
BIOC 3300K Microbiology

Select one from the following:
BIOC 3350K Mycology
BIOC 3100K Biochemistry
BIOC 4000K Parasitology
BIOC 4410K Industrial Microbiology

Ecology Focus

Select at least 12 credits from the following:
BIOC 3050 Tropical Biology
BIOC 3450 Conservation Biology
BIOC 3550K Limnology
BIOC 3650K Terrestrial Ecology
BIOC 3150 Temperate Biology
BIOC 3750K Field Biology Techniques
BIOC 4000K Parasitology
BIOC 3510K Ichthyology

Additional Electives (2-12 hours)
1-2 hours must be at 3000-4000 level

Regents Requirements – The requirements for US and Georgia History and Constitution can be satisfied by transfer credit of HIST 2111 OR 2112 and POLS 1101 from a University System of Georgia institution. If not satisfied, the student should work with their adviser concerning exemption exams or can complete the courses.

US Constitution
Georgia Constitution
US History
Georgia History

Revised 06/2016