

Name: _____

Date: _____

Curriculum and Recommended Schedule: B.A. degree in ENVIRONMENTAL STUDIES

MATH 1xxx	3
ENGL 1101 English Composition	3
Social Science Elective*	3
GEOL 1200 Physical Geology	3
GEOL 1200L Physical Geology Lab	1
General Elective	2
Fall Semester Total	15

MATH 1xxx, STAT 1xxx, or PHIL 2105	3
ENGL 1102 Academic Writing	3
LBST 11xx Arts and Society	3
ESCI 1101 Earth Science-Geography	3
ESCI 1101L Earth Science-Geography Lab	1
General Elective	2
Spring Semester Total	15

Second Year

FORL 1201 (or proficiency)	3
LBST 2101 Western Culture and History	3
Research Methods Elective**	3
GEOG 1105 The Location of Human Activity	3
General Elective	3
Fall Semester Total	15

FORL 1202 (or proficiency)	3
ESCI 2101 Environmental Dilemma	3
GEOG 3215 Environmental Planning (W)	3
GEOL 3190 Environmental Geology	3
General Elective	3
Spring Semester Total	15

Third Year

LBST 2102 Global Connections	3
GEOG 1103 Spatial Thinking	4
STAT 12xx Statistics	3
General Elective	3
General Elective	3
Fall Semester Total	16

LBST 22xx Liberal Studies Elective	3
Writing (W) Comm Elective	3
G&ES Elective	3
G&ES Elective	3
General Elective	3
Spring Semester Total	15

Fourth Year

***Energy/Resources Elective	3
GEOG 4215 Urban Ecology	3
G&ES Elective	4
General Elective	3
General Elective	2
Fall Semester Total	15

ESCI 4600 Earth Science Seminar (O)	1
G&ES Elective	3
G&ES Elective	3
General Elective	4
General Elective	3
Spring Semester Total	14

ESCI BA Requirement	
General Education Requirement	Red
G&ES Dept. Course	Bold

G&ES Elective hours	16
BA Earth Science Degree hours	37
CLAS Required Degree total hours	120

Examples of Supportive G&ES Electives - Fall Offerings

CHEM 1251 General Chemistry I + Lab	4
ESCI 3101 Global Environmental Change	3
ESCI 3205 Water Resources	3
ESCI 4140 Hydrologic Processes	4
ESCI 4170 Fundamentals of Remote Sensing	4
ESCI 4210 Soil Science	4
ESCI 4222 Watershed Science	3
GEOG 3120 Fundamentals of GIS	4
GEOL 3120 Geochemistry	3
GEOL 3120L Geochemistry Lab	1
GEOL 3124 Sedimentology (W)	4
GEOL 3140 Paleontology	3
GEOL 4105 Geomorphology	3
GEOL 4105L Geomorphology Lab	1
GEOL 4140 Coastal Geology	3
MATH 1241 Calculus I	3
METR 3220 Physical Meteorology	3
METR 3245 Synoptic Meteorology	4
METR 4240 Boundary-Layer Meteorology	3
PHIL 3520 Philosophy of Science	3
PHYS 1101 Introductory Physics I + Lab	4
STAT 2223 Elements of Statistics II	3

Examples of Supportive G&ES Electives - Spring Offerings

BIOL 3144 Ecology	3
BIOL 3144L Ecology Lab	1
CHEM 1252 General Chemistry II + Lab	4
ESCI 3170 Environmental Quality Management	3
ESCI 3180 Environmental Impact Analysis	3
ESCI 4155 Fluvial Processes	4
ESCI 4180 Digital Image Processing in Rem. Sens.	4
ESCI 4233 Geoenvironmental Site Characterization	4
GEOG 3250 World Food Problems	3
GEOG 4131 Environmental Modelling with GIS	4
GEOL 3115 Mineralogy	4
GEOL 4110 Stratigraphy	4
GEOL 4115 Applied Geophysics	4
GEOL 4120 Geologic Mapping and Interpretation	4
GEOL 4145 Fundamentals of Hydrogeology (W)	4
GEOL 4165 Aqueous Geochemistry	4
GEOL 4410 Applied Soil Science	4
MATH 1242 Calculus II	3
METR 3140 Introduction to Meteorology	3
METR 3250 Dynamic Meteorology	4
METR 3252 Weather Analysis Lab	1
METR 4150 Applied Climatology (W)	3
PHYS 1102 Introductory Physics II + Lab	4

Note: ESCI/GEOL/GEOG/METR 3000-4000 Topics courses **may** be accepted for elective credit in the major with **prior** approval.

*One of the following courses: ANTH 1101, ECON 1101, ECON 2101, GEOG, 1105, POLS 1110, or SOCY 1101

**ESCI 2210 Field Methods in the Earth Sciences (3) or GEOG 2110 Introduction to Geographic Research (3)

***ECON 4181 Energy and Environmental Economics (3), GEOG 3220 Renewable Energy and Regional Energy Markets (3) or GEOL 3105 The Earth's Mineral Resources: Sustainability and the Environmental Impacts of Recovery (3)