

# ACADEMIC MAP

## Earth System Science Concentration Environmental Science, Bachelor of Science

**First Year**

Fall		Hours
ESCI 1401	Environmental Science I: Intro to Environmental Science	4
GEOL 1403	Physical Geology	4
ENGL 1301	Writing and Rhetoric I	3
UNIV 1101	University Seminar I	1
HIST 1301	U.S. History to 1865	3
<b>Hours</b>		<b>15</b>

**Spring**

BIOL 1406	Biology I	4
MATH 2413	Calculus I	4
ENGL 1302	Writing and Rhetoric II or COMM 1311 or Foundation of Communication	3
UNIV 1102	University Seminar II	1
HIST 1302	U.S. History Since 1865	3
<b>Hours</b>		<b>15</b>

**Second Year****Fall**

MATH 2414	Calculus II	4
CHEM 1411	General Chemistry I	4
POLS 2305	U.S. Government and Politics	3
Creative Arts Core Requirement		3
<b>Hours</b>		<b>14</b>

**Spring**

GISC 1470	Geospatial Systems I	4
CHEM 1412	General Chemistry II	4
POLS 2306	State and Local Government	3
Language, Philosophy & Culture Core Requirement		3
<b>Hours</b>		<b>14</b>

**Third Year****Fall**

PHYS 2425	University Physics I	4
ESCI 3202	Professional Skills	2
CHEM 3411	Organic Chemistry I	4
MATH 3342	Applied Probability and Statistics	3
Social and Behavioral Sciences Core Requirement		3
<b>Hours</b>		<b>16</b>

**Spring**

PHYS 2426	University Physics II	4
ESCI 3351	Oceanography	3
GEOL 3443	Environmental Geology	4
Designated Elective		2
Upper Level Designated Elective		3
<b>Hours</b>		<b>16</b>

**Fourth Year****Fall**

MATH 3311	Linear Algebra	3
ESCI 3443	Environmental Biology	4
Upper Level Designated Elective		3
ESCI 3403	Introduction to Meteorology	4
<b>Hours</b>		<b>14</b>

**Spring**

ESCI 4498	Internship in Environmental Science	2
ESCI 4335	Climate and Climate Variability	3
ESCI 4202	Issues in Environmental Science	2
Upper Level Designated Elective		3
Upper Level Designated Elective		2
Elective (to meet 120 hrs)		4
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>120</b>

