FOUNDATION COURSES: *All required*
ENVS 120*: Living in the Anthropocene
ENVS 131**: Intro to ENVS Field Studies
ENVS 390: Seminar in Environmental Issues (SR year)

*ENVS 130 or ENVS 140 may be substituted for ENVS 120
**ENVS_OX 131 fulfills the requirement of both ENVS 130 and ENVS 131

INTERMEDIATE BREADTH REQUIREMENTS: *Four courses, one from each area below*

<u>Methods</u> (pre-requisite for all: QTM 100)
ENVS 250: Fundamentals of Cartography & GIS
ENVS 260: Quantitative Methods in ENVS
ENVS 270: Environmental Data Science

<u>Ecology, Conservation, and Health</u>
ENVS 232: Fundamentals of Ecology w/lab
ENVS 240 or ENVS 240 w/lab: Ecosystem Ecology
ENVS/BIOL 247: Ecology

<u>Earth and Atmospheric Sciences</u>
ENVS 222: Evolution of the Earth w/lab
ENVS 229: Atmospheric Science w/lab
ENVS 235: Environmental Geology
ENVS 239: Physical Oceanography
ENVS 245: Fundamentals in Soil Science

<u>Social Science and Policy</u>
ENVS 224: Economy and the Environment
ENVS 225: Institutions and the Environment
ENVS/POLS 227: Environmental Policy

ADVANCED SPECIALIZATION ELECTIVES: *Must take 4 from list below, with 2 or more at the 300+ level, plus one additional 3+ credit elective course in the department for a total of 5 electives*

Note: 2 courses from Intermediate Breadth and/or Advanced Specialization Categories must be field and/or lab courses.

<u>EAS Track Advanced Specialization Electives</u>
ENVS 215W: Great Books of the Geosciences
ENVS 222: Evolution of the Earth with Lab
ENVS 229: Atmospheric Science with Lab

ENVS 235: Environmental Geology
ENVS 239: Physical Oceanography
ENVS 241+242: Modern and Ancient Tropical Environments (and field)
ENVS 245: Fundamentals in Soil Science
ENVS 250: Fundamentals of Cartography & GIS
ENVS 255W: Environmental Communication
ENVS 260: Quantitative Methods in ENVS
ENVS 270: Environmental Data Science
ENVS 326/526: Climate Change and Society
ENVS 328: Intro to Atmospheric Chemistry
ENVS 331W: Earth Systems Science
ENVS 333: Environmental Geochemistry
ENVS 342: Barrier Island
ENVS 347/347L: Landscapes and Geomorphology (with optional lab)
ENVS 365: Urban Geography

Pre-approved Special Topics: Approved special topics are posted on ENVS web site each semester.

Other special topics, study abroad, or 3-credit ENVS 399 courses may count for advanced specialization options with prior approval

INDEPENDENT STUDY REQUIREMENT: *Choose one, must be at least 4 credit hours*
ENVS 491: Environmental Sciences Practicum
ENVS 494: Individual Research
ENVS 495: Honors Research
ENVS 497: Undergraduate Internship
ENVS 498: Individual Directed Reading
ENVS 499: Advanced Independent Research

CAPSTONE REQUIREMENT: *1 credit course in final semester*
ENVS 490: ENVS Senior Capstone Portfolio

EXTERNAL BS REQUIREMENTS: 4 courses

Must take at least one natural science and one quantitative science, with two additional electives from list. One of the four courses must include a lab or lab pair.

<u>Natural Science</u>	<u>Quantitative Science</u>
Chemistry CHEM 150: Structure and Properties (w/ 150L) CHEM 202: Principles of Reactivity (w/ 202L) or CHEM 202Z/202ZL CHEM 203: Advanced Reactivity CHEM 204: Macromolecules **Physics** PHYS 141: Intro Physics I w/ Lab PHYS 142: Into Physics II w/ Lab PHYS 151: Phys for Sci & Engin I w/ Lab PHYS 152: Phys for Sci & Engin II w/ Lab	**Computer Science** CS 170: Intro to Computer Science I CS 171: Intro to Computer Science II CS 224: Foundations of Computer Science **Mathematics** MATH 111: Calc I MATH 112: Calc II (or 112Z) MATH 210: Adv. Calc for Data Sciences MATH 211: Adv Calc (Multivariable) MATH 212: Differential Equations MATH 221: Linear Algebra **Quantitative Theory and Methods** QTM 200: Applied Regression Analysis QTM 210: Probability and Statistics QTM 250: Data Science Computing