

ENVS Social Science and Policy (SSP) BS Track Requirements
Spring 2024 Update – Courses listed are REGULARLY offered

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*

Methods (pre-requisite for all: QTM 100)

ENVS 250: Fundamentals of Cartography & GIS
ENVS 260: Quantitative Methods in ENVS
ENVS 270: Environmental Data Science

Ecology, Conservation, and Health

ENVS 232: Fundamentals of Ecology w/lab
ENVS 240 or ENVS 240 w/lab: Ecosystem Ecology
ENVS/BIOL 247: Ecology

Earth and Atmospheric Sciences

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

Social Science and Policy

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.

SSP Track Advanced Specialization Electives

ENVS 210: Environmental Epidemiology
ENVS 224: Economy and the Environment
ENVS 225: Institutions and the Environment
ENVS 227: Environmental Policy

ENVS 250: Fundamentals of Cartography & GIS
ENVS 255W: Environmental Communication
ENVS 260: Quantitative Methods in ENVS
ENVS 270: Environmental Data Science
ENVS 323: Sustainable Food Systems
ENVS 326/526: Climate Change and Society
ENVS 344: American Environmental History
ENVS 345/545: Conservation Biology
ENVS 350: Environmental Thought
ENVS 352: Green Business
ENVS 365: Urban Geography
ENVS 370A: Community Bldg & So Change I
ENVS 370B: Planning Community Initiatives
ENVS 420: Law and Biodiversity
ENVS 521: Natural Resource Management

Pre-approved Special Topics: approved special topics are posted on the 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 one complete methods sequence and two additional electives. An additional methods sequence may be taken instead of 2 electives.

<u>Methods Sequences</u>	<u>Elective Courses</u>
<p>Economics Methods Sequence: ECON 220: Data Science for Economists ECON 320: Econometrics</p> <hr/> <p>Political Science Methods Sequence: POLS 208: Research Design and Methods POLS 300: Social Choice and Elections or POLS 360: Public Policy</p> <hr/> <p>Quantitative Theory and Methods Sequence: QTM 110: Intro to Scientific Methods QTM 200: Applied Regression Analysis</p> <hr/>	<p>Anthropology ANT 202: Concepts and Methods in Cultural Anthropology ANT 351W: Sustainable Development</p> <p>Economics ECON 101: Principles of Microeconomics ECON 112: Principles of Macroeconomics</p> <p>Sustainability Studies SUST 201: Foundations of Sustainability</p> <p>Mathematics MATH 111: Calc I</p> <p>Political Science POLS 360: Public Policy POLS 369: Policy Analysis</p> <p>Psychology PSYC 212: Social Psychology</p> <p>Quantitative Theory and Methods QTM 200: Applied Regression Analysis QTM 250: Data Science Computing QTM 315: Game Theory QTM 446: Big/Small Data and Visualization</p>