ENVS Social Science and Policy (SSP) BS Track Requirements
Effective Fall 2020

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

*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 230: Introductory Geoscience w/lab
ENVS 235: Environmental Geology
ENVS 239: Physical Oceanography

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 224: Economy and the Environment
ENVS 225: Institutions and the Environment
ENVS 227: Environmental Policy
ENVS 228: Environmental Policy with Lab

ENVS 250: Fundamentals of Cartography & GIS
ENVS 255W: Environmental Communication
ENVS 260: Quantitative Methods in ENVS
ENVS 270: Environmental Data Science
ENVS 320: Environmental Assessment/Management
ENVS 324: Environmental Economics
ENVS 326: Climate Change and Society
ENVS 344: American Environmental History
ENVS 345: Conservation Biology
ENVS 350: Environmental Thought
ENVS 352: Green Business
ENVS 365: Urban Geography
ENVS 370A: Community Bldg & So Change I
ENVS 377: Int'l Environmental Policy
ENVS 420: Law and Biodiversity
ENVS 426: U.N. Climate Change Conference
ENVS 458: Fishers and Fisheries
ENVS 460: Research Design and Practice
ENVS 521: Natural Resource Management
ENVS 524: Environmental Economics
ENVS 526: Climate Change and Society
ENVS 560: Research Design & Practice in Environmental Sciences
ENVS 570: Institutions and Natural Resources
ENVS 575: Global Change Science and Policy

Pre-approved Special Topics: Environmental Justice, Climate Policy Seminar, Advanced Environmental Policy Analysis, Food Systems, Practice of Science

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: Service Learning in ENVS
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.

Methods Sequences	**Elective Courses**
Economics Methods Sequence: ECON 220: Introduction to Statistical Methods ECON 320: Econometrics **Political Science Methods Sequence:** POLS 208: Research Design and Methods POLS 300: Social Choice and Elections **Quantitative Theory and Methods Sequence:** QTM 110: Intro to Scientific Methods QTM 210: Probability and Statistics	**Anthropology** ANT 202: Concepts and Methods in Cultural Anthropology **Economics** ECON 101: Principles of Microeconomics ECON 112: Principles of Macroeconomics **Mathematics** MATH 111: Calc I (or 111L) **Political Science** POLS 360: Public Policy POLS 369: Policy Analysis **Psychology** PSYC 212: Social Psychology **Sociology** SOC 105: Intro Population & Human Ecology **Quantitative Theory and Methods** QTM 220: Regression Analysis QTM 315: Game Theory QTM 250: Data Science Computing QTM 360: Generalized Linear Models QTM 446: Big/Small Data and Visualization