

**Economic Systems Specialization – BA (major code 665)****(for majors declared Fall 2021 onwards)**

- Courses can only be used to fulfill one requirement, even if the course is listed as an option for multiple requirements.
- Many upper-level courses have prerequisites. Make sure you plan accordingly for the path you want to take.
- For certain requirements, check out the ENVI website for additional course options by semester.
- * = **Fall-only course**, ** = **Spring-only course**. Note that course offerings may change and it is highly advised to consult the Schedule of Classes for exact offerings when possible.

Requirement	Course options	Credits
A. ENVI 101 – Humans & Ecological Environment	- ENVI 101 - AP Envi Exam score of 3, 4, or 5 <i>Source Project students only:</i> - PLSC 180A People, Politics, and the Environment	4
B. ENVI 201 – Humans & Physical Environ.	- ENVI 201 <i>First-Year Research Immersion (FRI) students only:</i> - ENVI/GEOL 234 Biogeochemistry *if not already used for “introductory methods” requirement	4
C. One intro environ policy course	- ENVI/PHIL 149 Environmental Ethics - ENVI/GEOG 239 Envi Plng & Policy - ENVI 225 Intro Int’l Envi Policy* <i>Source Project students only:</i> - ENVI 181A/PHIL 180D Climate Justice	4
D. Two intro economics courses	- ECON 160 Microeconomics - ECON 162 Macroeconomics	8
E. One intro methods course	Recommended: - MATH 147 Statistics (a common prerequisite for upper level ECON classes) - ENVI 220 Researching Sustainability and the Environment Allowed: - GEOG 360 GIS/Spatial Analysis - DIDA 110 Database Fundamentals - DIDA 130 Intro to Statistical Thinking - DIDA 260 Data Visualization - ANTH 200 Statistics in Anthropology <i>First-Year Research Immersion (FRI) and Source Project students only:</i> - ENVI/GEOL 234 Biogeochemistry (FRI) *if not already used as a substitute for ENVI 201 - ENVI/GEOL 206 Environmental Visualization (FRI) - BIOL 241 Ecological Genetics (FRI) - PLSC 180B People, Politics, and the Environment (Source Project)	- 4
F. One lower-level course in a related	- ANTH 167 Introduction to Archaeology - BIOL 105 Evolution for Everyone	4

field (Biological Sciences, Earth Sciences, Geography)	- BIOL 113 Intro to Cell & Molecular Biol - BIOL 114 Intro to Organisms & Population Bio - GEOL 105 Earthquakes and Volcanoes - GEOL 112 Oceanography - GEOL 142 Water - GEOL/ENVI 170 Environmental Geology - GEOG 105 Our Digital Earth - GEOG 120 Weather & Climate - GEOG 121 Physical Geog - GEOG 151 World Regional Geog - GEOG 221 Global Climate Change	
G. Two lower-level courses in calculus	- MATH 224 Differential Calculus (2 credits) - MATH 225 Integral Calculus (2 credits)	4
H. Two upper-level courses in economics	- ECON 331 Environmental Economics - ECON 360 Microeconomic Theory	8
I. Two upper-level courses in environmental economics	- ECON 314 Econ of Developing Countries - ECON 331 Environmental Economics - ECON 343 Intro Labor Econ & Indust Rlts - ECON 345 Econ of Public Program - ECON 413 Microecon of Development - ECON 430 Urban Economics - ECON 431 Adv Environmental Economics - ECON 433 Natural Resource Economics - ECON 434 Energy Economics - ECON 440 Indust Organization & Pub Pol - ECON 443 Economics of Labor - PLSC 380K Global Econ	8
J. One upper-level capstone experience (research, teaching, and/or applied problems) in environmental economics	- ECON 431 Adv Environmental Economics - ECON 433 Natural Resource Economics - ECON 434 Energy Economics The following require department permission. - ENVI 397 Independent Study - ENVI 491 Undergraduate Teaching - ENVI 495 or CDCI 395 Environ Internship (need to receive approval from undergraduate director to receive ENVI major credit for CDCI 395)	4
K. One upper-level capstone course	- ENVI 413 Environ Studies Capstone - ENVI 497 Independent Study (requires approval from faculty supervisor) - ENVI 481W White Mountain Field School (offered summer only; additional course fee applies; contact ENVI director for details) * Honors Thesis can substitute for a capstone course. See undergraduate director.	4
Total Credits:		56