## Economic Systems Specialization – BA

(major code 665)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Economic Systems BA</th>
<th>Credits</th>
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</table>
| A. ENVI 101 – Humans & Ecological Environment | - ENVI 101  
- ENVI 105 People Politics & Environ I  
- or AP Envi Exam score of 3, 4, or 5 | 4       |
| B. ENVI 201 – Humans & Physical Environment | - ENVI 201  
- or AP Envi Exam score of 5, except 2020 when only have ENVI 101 credit | 4       |
| C. One intro environ policy course | - ENVI/PHIL 149 Environ Ethics & Policy  
- ENVI 230 Intro to Environ Policy  
- ENVI/GEOL 239 Envi Plng & Policy |         |
| D. Two intro economics courses | - ECON 160 Microeconomics  
- ECON 162 Macroeconomics | 8       |
| E. One intro methods course | - MATH 147 Statistics  
- MATH 148 Statistics for Biologists  
- ENVI 205 People Politics & Environ II  
- ENVI 206 Geospatial Sensing FRI  
- BIOL 241 Ecological Genetics FRI  
- ENVI/GEOL 234 Biogeochemistry FRI  
- ENVI/GEOL 260 Intro to GIS/Spatial Analysis | 4       |
| F. One lower-level course related to environmental science | - BIOL 105 Evol for Everyone  
- BIOL 114 Intro to Organisms & Population Bio  
- ENVI 140 Intro Enviro Chem (Lec)  
- ENVI 250 Farm to Table  
- ENVI 236/ANTH 236 Farming Thru Time  
- GEOL 111 Planet Earth  
- GEOL 112 Oceanography  
- GEOL 113 Geol of the Parks  
- GEOL 115 Global Change: Geol Perspt  
- GEOL 116 Geological Hazards  
- ENVI/GEOL 170 Environmental Geology  
- GEOG 120 Weather & Climate  
- GEOG 121 Physical Geog  
- GEOG 151 World Regional Geog  
- GEOG 221 Global Climate Change | 4       |
| 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 environmental 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 345 Econ of Public Program  
- ECON 413 Microecon of Development  
- ECON 430 Urban Economics  
- ECON 431 Adv Environmental Economics, if not used elsewhere  
- ECON 433 Natural Resource Economics, if not used elsewhere  
- ECON 434 Energy Economics, if not used elsewhere  
- ECON 440 Indust Organization & Pub Pol  
- ECON 443 Econ of Labor | 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  
- ENVI 397 Independent Study  
- ENVI 491 Undergraduate Teaching  
- ENVI 495 Environ Internship | 4 |
| K. One upper-level capstone course | - ENVI 413 Environ Studies Capstone  
- ENVI 498 Senior Thesis  
- ENVI 499 Honors Thesis | 4 |
| **Total Credits:** | **56** |