# BA Environmental Studies, Geography and Planning

## FOUNDATION 11 units

**Environmental Systems**
- GEP 201 Global Environmental Systems (3, GE B1)
- GEP 203 Human Geography (3)
- GEP 206 Society, Environment & Sustainable Development (3, GE E)
- GEP 305/6 World Regions in Global Context (3, GE UD D)

**Society, Environment and Development (choose one)**
- GEP 150b Global Societies through Film (3, GE A3/C1)
- GEP 203 Human Geography (3)
- GEP 306 Society, Environment & Sustainable Development (3, GE E)
- GEP 305/6 World Regions in Global Context (3, GE UD D)

**Environmental Inquiry and Analysis (take both)**
- GEP 211 GEP Forum (1)
- GEP 280 Foundations in Environ. Data & Analysis (4)

## BREADTH 15 units

**Society, Environment and Development**
- GEP 324 Climate Change & Society (4)
- GEP 325 Global Food Systems (4)
- GEP 370 Globalization and the City (4)
- GEP 373 Energy, Technology, & Society (4)

**Environmental Systems**
- GEP 340 Applied Ecology (3)
- GEP 351 Natural Hazards (3, GE UD B)
- GEP 355 Weather and Climate (3, GE UD B)

**Planning**
- GEP 360 Intro to Urban and Environmental Planning (4)

**Geospatial Analysis**
- GEP 387 Introduction to GIS (4)

## PROFESSIONAL PREP & EXPERIENCE 5 units

**NOTE:** * 310 & 311 required; 311 is repeatable but only 1 unit counts here

- GEP 310 Professional Development (2) *
- GEP 311 Research Colloquium (1) *
- GEP 201b Global Environmental Systems Lab (1, GE B3)
- GEP 312 Professional Conferences (1-2)
- GEP 313 Field Experience (1-2)
- GEP 316 Research Assistant in GEP (1-4)
- GEP 317 Internship (1-3)
- GEP 318 Agroecology in Practice (2)
- GEP 319 Native Plant Propagation in Practice (2)

## SUPPORTING (outside GEP) 3 units

**NOTE:** Substitutions possible in consultation with an advisor

- ANTH 328 New Tech Arch
- ANTH 345 Nature and Society
- ANTH 352 Global Issues
- ANTH 358 Sociocultural Anthro
- BIOL 131 Diversity & Ecology (B2)
- BIOL 312 Oceanography (B3)
- CALS 432 Latinas/os & Globalization
- CALS 480 Migration to the US
- CS 115 Programming I
- GEOL 303 Adv Geology (B)
- GEOL 306 Environ Geology
- GEOG 310 Global Geopolitics
- GEOG 312 Urban Sociology
- GEOG 384 Consumption
- SEE 322 Social Movements
- SOCI 382 Social Movements
- SOCI 384 Consumption
- SOCI 425 Urban Sociology
- SOCI 482 Enviro Policy & Just

## GEP ELECTIVES 21 units

**NOTE:** Take 3 courses in one focus area. Take additional electives within any focus area to reach 21 units. Take a 400-level course during junior/senior year (72+ units). Breadth courses do not count as electives. Special topics (GEP 396, 397) may apply to a focus in consultation with an advisor.

### Focus 1: Society, Environment and Development
- GEP 321 Parks & Protected Area Management (3-4)
- GEP 323 Natural Resources & Development (4)
- GEP 324 Climate Change & Society (4)
- GEP 325 Global Food Systems (4)
- GEP 326 Water Law, Policy & Management (3-4)
- GEP 330 Environmental History (4)
- GEP 332 Environmental Literature (3)
- GEP 332WIC Environmental Literature (4)
- GEP 334 Globalization and the City (4)
- GEP 422 Political Ecology (4)

### Focus 2: Environmental Systems
- GEP 340 Applied Ecology (3)
- GEP 343 Biogeography (4)
- GEP 344 Field Methods (2)
- GEP 345 Lab Methods (2)
- GEP 347 Conservation Biology (4)
- GEP 350 Geomorphology (4)
- GEP 351 Natural Hazards (3, GE UD B)
- GEP 352 Soil Science (3-4)
- GEP 354 Watershed Hydrology and Management (4)
- GEP 355 Weather and Climate (3, GE UD B)
- GEP 446 Restoration Ecology (4)
- GEP 456 Global Climate Change (4)

### Focus 3: Urban Studies and Planning
- GEP 360 Environmental Impact Assessment (3-4)
- GEP 367 Transportation Policy and Technology (3-4)
- GEP 368 Urban Design (3-4)
- GEP 371 Social Geography of the American City (3)
- GEP 461 Planning Practice and Methodology (4)

### Focus 4: Energy Management & Design
- GEP 373 Energy, Technology, & Society (4)
- GEP 374a Strategies for carbon and energy reductions (3)
- GEP 374b Laboratory Methods for Energy (1)
- GEP 375 Renewable & Resilient Energy Sources (4)
- GEP 476 Energy Services and Efficiency (4)

### Focus 5: Geospatial Analysis
- GEP 380 Environmental Remote Sensing (4)
- GEP 385 Cartographic Visualization (3-4)
- GEP 388 Environmental GIS (3-4)
- GEP 486 Environmental Data Analysis (4)
- GEP 489 Advanced GIS (3-4)

**NOTE:** Courses required for the major must be taken for a traditional letter grade, except for courses that are offered CR/NC only. Students must earn a C- or better in any course applied to the major. Breadth courses are not double-counted in GEP electives.

6/1/23