

BA Environmental Studies, Geography and Planning

FOUNDATION **11 units**

Environmental Systems

- GEP 201 Global Environmental Systems (3, GE B1)

Society, Environment and Development (choose one)

- GEP 150b Global Societies through Film (3, GE A3/C1)
- GEP 203 Human Geography (3)
- GEP 206 Society, Environ. & Sustainable Dvlpmnt (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**

NOTE: Choose one course from each category

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

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| <input type="checkbox"/> ANTH 328 New Tech Arch | <input type="checkbox"/> GEOL 310 Geophysics |
| <input type="checkbox"/> ANTH 345 Nature and Society | <input type="checkbox"/> GEOL 323 Hydrology |
| <input type="checkbox"/> ANTH 352 Global Issues | <input type="checkbox"/> HIST 471 The American West |
| <input type="checkbox"/> ANTH 358 Sociocultural Anthro | <input type="checkbox"/> NAMS 346 Philosophy & Mvmnts |
| <input type="checkbox"/> BIOL 131 Diversity & Ecology (B2) | <input type="checkbox"/> POLS 314 Environ. Political Theory |
| <input type="checkbox"/> BIOL 312 Oceanography (B3) | <input type="checkbox"/> POLS 452 Politics of Dvlpng Wrld |
| <input type="checkbox"/> CALS 432 Latinas/os & Gblztn | <input type="checkbox"/> SOCI 382 Social Movements |
| <input type="checkbox"/> CALS 480 Migration to the US | <input type="checkbox"/> SOCI 384 Consumption |
| <input type="checkbox"/> CS 115 Programming I | <input type="checkbox"/> SOCI 425 Urban Sociology |
| <input type="checkbox"/> GEOL 303 Adv Geology (B) | <input type="checkbox"/> SOCI 482 Enviro Policy & Just |
| <input type="checkbox"/> GEOL 306 Environ Geology | |

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 362 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