

Fall 2024, GEP Classes Offered (RED)

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, Enviro & 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 334 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)**
- **GEP 396 Water Research Training (2)**

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)
- **GEP 396 Water Planning (1)**

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)