

Courses that Satisfy Each Department of Human Ecology Learning Goals for the Environmental Policy, Institutions and Behavior Major

1-Students graduating from the EPIB major will understand and analyze the varied perspectives offered by the social and natural sciences regarding the causes and consequences of social, ecological, and environmental change. This includes interactions among natural resources, climate, population, energy use and technology, health, forces of globalization, social institutions, and cultural values.

- 110 Theories and Reasoning
- 312 Environmental History

1.1 Describe major patterns and drivers of natural resource use, pollution, and climate and environmental change.

- 110 Theories and Reasoning
- 115 Water and Society
- 225 Environment and Health in Society and the Mass Media
- 299 Introduction to Sustainability
- 312 Environmental History
- 416 Environmental Education

1.2 Identify different approaches to the governance and management of human activities that affect the environment, both in the US and abroad, including institutions, property relations, management regimes, politics, and policies

- 110 Theories and Reasoning
- 115 Water and Society
- 225 Environment and Health in Society and the Mass Media
- 279 Politics of Environmental Issues
- 312 Environmental History
- 314 Natural Resource Policy
- 460 Environmental Law 1: Nature, Law and Society
- 462 International Environmental Law

1.3 Explain characteristics of human populations, including population growth, demographic transitions, social stratification, consumption, and indicators of human welfare.

- 110 Theories and Reasoning
- 141 Health and Society
- 220 Environmental Solutions
- 225 Environment and Health in Society and the Mass Media
- 269 Population, Resources, and Environment
- 312 Environmental History
- 435 Communication in the Life Sciences

1.4 Describe technological trends affecting human well-being and the environment including energy use and development, biotechnology, and geospatial and communication technologies

- 110 Theories and Reasoning
- 175 Energy and Society
- 225 Environment and Health in Society and the Mass Media
- 312 Environmental History
- 429 Agrarian Landscapes

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- 435 Communication in the Life Sciences
- 460 Environmental Law 1: Nature, Law and Society
- 462 International Environmental Law

1.5 Evaluate major issues in health, including race, gender, and socio-economic position, food and nutrition access and policies, cultural factors, and understandings of risk and vulnerability.

- 110 Theories and Reasoning
- 115 Water and Society
- 141 Health and Society
- 225 Environment and Health in Society and the Mass Media
- 269 Population, Resources, and Environment
- 312 Environmental History
- 435 Communication in the Life Sciences
- 437 Culture and Health
- 438 Health in the Latino Community
- 460 Environmental Law 1: Nature, Law and Society
- 462 International Environmental Law

1.6 Discuss the dynamics of development and globalization, including historical antecedents, current trends and pathways, and local responses to global forces.

- 110 Theories and Reasoning
- 115 Water and Society
- 225 Environment and Health in Society and the Mass Media
- 312 Environmental History
- 435 Communication in the Life Sciences
- 462 International Environmental Law

1.7 Explain how social forces, cultural values, and behavior affect human-environmental interactions, including issues such as political and economic relations, inequality, access to resources, and interactions between human diversity and biological diversity.

- 110 Theories and Reasoning
- 141 Health and Society
- 175 Energy and Society
- 225 Environment and Health in Society and the Mass Media
- 279 Politics of Environmental Issues
- 299 Introduction to Sustainability
- 312 Environmental History
- 314 Natural Resource Policy
- 399 Practicum in Sustainability
- 416 Environmental Education
- 429 Agrarian Landscapes
- 435 Communication in the Life Sciences
- 437 Culture and Health
- 438 Health in the Latino Community
- 460 Environmental Law 1: Nature, Law and Society
- 462 International Environmental Law

2- Students will acquire the skills to use appropriate conceptual and methodological tools to structure inquiries about human-environment interactions:

- 110 Theories and Reasoning
- 225 Environment and Health in Society and the Mass Media
- 312 Environmental History

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- 416 Environmental Education
- 435 Communication in the Life Sciences
- 460 Environmental Law 1: Nature, Law and Society
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2.1. Assess the relevant contexts for addressing the question this problem, at the appropriate spatial, temporal, and organizational scale(s).

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- 175 Energy and Society
- 220 Environmental Solutions
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- 269 Population, Resources, and Environment
- 312 Environmental History
- 313 US Environmental Policy
- 314 Natural Resource Policy
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2.2. Identify the relevant biological, historical, sociocultural, governance and political issues that need to be addressed.

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2.3. Identify what constitutes valid and relevant evidence to address the question and demonstrate an ability to understand and work with quantitative information.

- 110 Theories and Reasoning
- 225 Environment and Health in Society and the Mass Media
- 302 Data Analysis
- 312 Environmental History
- 313 US Environmental Policy
- 416 Environmental Education
- 435 Communication in the Life Sciences
- 460 Environmental Law 1: Nature, Law and Society
- 462 International Environmental Law

2.4. Conduct ethical primary and secondary research using appropriate methods and considering relevant community norms.

- 110 Theories and Reasoning
- 201 Research Methods in Human Ecology
- 225 Environment and Health in Society and the Mass Media
- 302 Data Analysis

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- 312 Environmental History
- 416 Environmental Education
- 435 Communication in the Life Sciences
- 460 Environmental Law 1: Nature, Law and Society
- 462 International Environmental Law

2.5. Analyze and interpret evidence.

- 110 Theories and Reasoning
- 201 Research Methods in Human Ecology
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- 302 Data Analysis
- 312 Environmental History
- 313 US Environmental Policy
- 416 Environmental Education
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2.6. Identify appropriate governance tools to manage human-environment impacts and be capable of engaging with regulatory, legislative and other democratic processes.

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- 312 Environmental History
- 313 US Environmental Policy
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2.7. Apply this (a-e) understanding to identify policies and plans that address the problem.

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2.8. Identify different decision-making processes and criteria for selecting from among alternatives.

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2.9. Evaluate the alternatives' environmental and differentiated social consequences.

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2.10. Identify relevant audiences, determine communication goals and communicate the results in oral and/or written form in a manner effective for each targeted audience.

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2.11. Work effectively in team settings.

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3-Students will undertake their work guided by ethical considerations. They will identify their own values with respect to environmental, health, and food issues. They will evaluate and address the ethical dimensions and implications of related problems, assessments, plans, and communication, including their differentiated social impacts.

- 110 Theories and Reasoning
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- 201 Research Methods in Human Ecology
- 225 Environment and Health in Society and the Mass Media
- 280 Careers in EPIB
- 312 Environmental History
- 416 Environmental Education
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- 437 Culture and Health
- 438 Health in the Latino Community
- 460 Environmental Law 1: Nature, Law and Society
- 462 International Environmental Law