

Standing Requirements

## Outcomes Library

### BA/BS in Human & Environmental Systems Outcome Set

#### Interdisciplinary (core)

To understand that environmental issues are fundamentally interdisciplinary

Outcome	Mapping
Interdisciplinary Demonstrate an understanding that environmental issues are fundamentally interdisciplinary	<b>BA/BS in Human &amp; Environmental Systems Outcome Set:</b> Interdisciplinary

#### Physical and Cultural Interconnectedness (core)

Understand the interconnectedness of ecological systems to the physical and cultural world

Outcome	Mapping
Interconnectedness Demonstrate an understanding of the interconnectedness of ecological systems to the physical and cultural worlds	No Mapping

#### Data Analysis (core)

Understand how to collect, analyze, interpret, qualitative and quantitative data collected in the field and laboratory

Outcome	Mapping
Data Analysis Demonstrate an understanding of data collection, analysis, and interpret qualitative and quantitative data	<b>Foundational Studies: IIIa. Quantitative Literacy</b>

#### Environment and Culture

Comprehend how the environment contributes to the construct of cultures and societies worldwide

Outcome	Mapping
Environment and Culture Demonstrate a comprehension of how the environment contributes to a construction of cultures and societies worldwide	No Mapping

#### Communication (core)

Effectively synthesize and communicate research findings both orally and in writing

Outcome	Mapping
Communication Demonstrate the ability to synthesize and communicate research findings both orally and in writing	<b>Foundational Studies: 10. Express themselves effectively, professionally, and persuasively both orally and in writing.</b>

#### Adaptation (anthropology concentration)

Understand how adaptations to environments shape human traits, both physical and behavioral, through time and across space

Outcome	Mapping
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## Adaptation

No Mapping

Demonstrate an understanding of human physical and behavioral adaptation through time and space

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### **Cultural Diversity (anthropology concentration)**

Recognize human physical and cultural diversity within as well as between populations

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#### **Outcome**

#### **Mapping**

##### Cultural Diversity

No Mapping

Demonstrate an understanding of human physical and cultural diversity within as well as between populations

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### **Geographic Patterns (geography concentration)**

Understand geographic patterns and issues of our time through the use of geographic representations

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#### **Outcome**

#### **Mapping**

##### Geographic patterns

No Mapping

Demonstrate an understanding of geographic patterns and issues through the use of geographic representations

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### **Geo-spatial analysis (GIScience & geography concentrations)**

Apply Geographic Information Systems, Remote Sensing, and quantitative analysis to uncover human and environmental processes which create patterns in the landscape

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#### **Outcome**

#### **Mapping**

##### Geo-spatial analysis

No Mapping

Demonstrate the ability to use GIS, remote sensing, and quantitative analysis to understand human and environmental processes which create patterns on the landscape

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### **Geographic Modeling (GIScience concentration)**

Understand commonly employed geographic data models and algorithms, and apply them appropriately to suggest solutions to real-world problems

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#### **Outcome**

#### **Mapping**

##### Geographic modeling

No Mapping

Demonstrate an understanding of geographic data models and algorithms and apply them to real-world problems

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##### Geographic Problem Solving (Geography Concentration)

No Mapping

Understand geographic patterns and issues of our time through the use of geographic representations

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### **Geographic Problem Solution (geography concentration)**

Understand geographic patterns and issues of our time through the use of geographic representations

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