Rangeland biomes (grasslands, shrublands, deserts and woodland savannas) comprise approximately 50% of the terrestrial surface of the earth. Pastoral cultures and livelihoods remain dominant on rangelands. This option will provide students with an opportunity to not only learn about pastoral systems worldwide, but also social, cultural, economic and political factors of regions worldwide that influence pastoral livelihoods. Students in this option are strongly encouraged to study abroad.

**Student Learning Outcomes**

- Compare and contrast pastoral systems worldwide; and to US ranching systems
- Identify social, cultural, economic, and political factors that affect the success of people living on rangeland landscapes worldwide
- Outline driving components of regional pastoral sustainability efforts to balance ecology and livelihoods
- Design a sustainable grazing management plan for a chosen pastoral system that reflects local social, cultural, economic and political factors.

**Possible Career Paths**

Graduates in this option will be positioned to pursue career paths with international NGOs, the US Foreign Service, United Nations programs, or bring an international pastoral systems perspective to managing livestock grazing in the US.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ANS 446</td>
<td>GRAZING LIVESTOCK PRODUCTION</td>
<td>4</td>
</tr>
<tr>
<td>RNG 442</td>
<td>RANGELAND-ANIMAL RELATIONS</td>
<td>4</td>
</tr>
<tr>
<td>RNG 470</td>
<td>PASTORAL SYSTEMS OF THE WORLD</td>
<td>4</td>
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**World Geography**

Select 3 credits from the following:

- GEOG 311 *GEOGRAPHY OF AFRICA
- GEOG 313 *GEOGRAPHY OF ASIA
- GEOG 314 *GEOGRAPHY OF LATIN AMERICA

**International Systems**

Select 6 credits from the following:

- AEC 243 *GLOBAL POVERTY AND SUSTAINABLE DEVELOPMENT
- ANTH 482 *ANTHROPOLOGY OF INTERNATIONAL DEVELOPMENT
- FCSJ 454 *INTERNATIONAL PERSPECTIVES ON FOOD SYSTEMS
- GEOG 105 *GEOGRAPHY OF THE NON-WESTERN WORLD
- GEOG 203 *HUMANENVIRONMENT GEOGRAPHY
- GEOG 330 **GEOGRAPHY OF INTERNATIONAL DEVELOPMENT AND GLOBALIZATION
- GEOG 331 *POPULATION, CONSUMPTION, AND ENVIRONMENT
- GEOG 430 RESILIENCE-BASED NATURAL RESOURCE MANAGEMENT
- GEOG 432 *GEOGRAPHY OF FOOD AND AGRICULTURE
- GEOG 441 INTERNATIONAL WATER RESOURCES MANAGEMENT
- PS 345 *POLICS OF DEVELOPING NATIONS
- PS 458 *INTERNATIONAL POLITICAL ECONOMY

Total Hours: 27

* Baccalaureate Core Course (BCC)
^ Writing Intensive Course (WIC)

Option Code: 852