ALTERNATIVE ENERGY OPTION

This option is offered within the following major(s):

- Environmental Sciences - College of Earth, Ocean, and Atmospheric Sciences

The Alternative Energy option draws from a variety of disciplines that offer courses in energy-related topics, not engineering. Students in this option will be well-informed about energy alternatives for work in urban and regional planning, city government, NGOs promoting energy alternatives to fossil fuels sources, power companies working with the public, policy-making in the energy field, and law school with an aim toward environmental law.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRR 325</td>
<td>*ENERGY TECHNOLOGY AND SOCIAL CHANGE</td>
<td>9</td>
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<tr>
<td>BRR 350</td>
<td>INTRODUCTION TO REGIONAL BIOENERGY</td>
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<tr>
<td>BRR 450</td>
<td>INTERDISCIPLINARY RESEARCH: BIOENERGY FOCUS</td>
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<tr>
<td>ENGR 363</td>
<td>*ENERGY MATTERS</td>
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<tr>
<td>PH 313</td>
<td>*ENERGY ALTERNATIVES</td>
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<tr>
<td>PS 473</td>
<td>US ENERGY POLICY</td>
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**Electives** 18

Choose from the list below or additional core courses to total at least 27 credits:

- AEC 352/ ECON 352: *ENVIRONMENTAL ECONOMICS AND POLICY*
- AEC 432: ENVIRONMENTAL LAW
- ANTH 469: ENERGY IN CULTURAL PERSPECTIVE
- BA 432: *ENVIRONMENTAL LAW, SUSTAINABILITY AND BUSINESS*
- ENGR 350: *SUSTAINABLE ENGINEERING*
- GEO 306: *MINERALS, ENERGY, WATER, AND THE ENVIRONMENT*
- GEOG 300: *SUSTAINABILITY FOR THE COMMON GOOD*
- NSE 319: *SOCIETAL ASPECTS OF NUCLEAR TECHNOLOGY*
- PPOL 441: *ENERGY AND SOCIETY*
- PS 455: *THE POLITICS OF CLIMATE CHANGE*
- PS 477: INTERNATIONAL ENVIRONMENTAL POLITICS AND POLICY
- PS 478: RENEWABLE ENERGY POLICY
- WSE 473: BIOENERGY AND ENVIRONMENTAL IMPACT

**Total Hours** 27

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

**Option Code:** 842