Earth Resources, Certificate

(Code 160-603)

Advisor: K. Syverson (Geology).

The Department of Geology administers an Earth Resources certificate. This certificate provides non-Geology majors with core science, policy, and communication skills to better understand complex environmental issues involving mineral and water extraction and usage. The certificate would be ideal for Business, Communication, Economics, Geography, Journalism, Political Science, and Integrated Strategic Communication: Public Relations majors, who might need to communicate with scientists, engineers, politicians, and advocacy groups about environmental issues.

Sixteen credits required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 338</td>
<td>Vegetation Ecology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 301</td>
<td>Earth Resources</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 308</td>
<td>Water Resources</td>
<td>3</td>
</tr>
</tbody>
</table>

Communication Skills (choose one of the following):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>CJ 203</td>
<td>Fundamentals of Human Communication</td>
</tr>
<tr>
<td>CJ 222</td>
<td>Beginning Journalism</td>
</tr>
<tr>
<td>CJ 250</td>
<td>Introduction to Organizational Communication</td>
</tr>
<tr>
<td>CJ 260</td>
<td>Introduction to Integrated Strategic Communication</td>
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Policy and Ethics (choose one of the following):

<table>
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<tr>
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<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ECON 268</td>
<td>Environmental Economics</td>
</tr>
<tr>
<td>ENV/GEOG 377</td>
<td>U.S. Environmental and Sustainability Policy</td>
</tr>
<tr>
<td>PHIL 320</td>
<td>Environmental Ethics</td>
</tr>
</tbody>
</table>

Note: Students cannot pursue the Geology major and the Earth Resources certificate to meet graduate requirements for completing a first and second degree program.