The undergraduate program in Rangeland Resources at Utah State University covers the ecology and management of grassland, shrubland, woodland, riparian/wetland, and tundra ecosystems, with an emphasis on the western USA. A wide variety of subjects, including biophysical sciences, resource policy and economics, human-environment relationships, and resource assessment and planning, are integrated into a broad curriculum. The undergraduate program is accredited by the Society for Range Management, and it meets federal Office of Personnel Management (OPM) requirements for the Rangeland Management Series (GS-454).

OPM Rangeland Management Educational Requirements
http://www.opm.gov/qualifications/standards/IORs/gs0400/0454.htm

<table>
<thead>
<tr>
<th>OPM Requirements (20Apr2016)</th>
<th>USU Rangeland Resources Undergraduate Program Courses*</th>
</tr>
</thead>
<tbody>
<tr>
<td>The range management degree (or a degree in a related discipline) must include at least 42 semester hours in a combination of range management, plant, animal, and soil sciences, and natural resource management, as follows:</td>
<td></td>
</tr>
<tr>
<td>Range Management – at least 18 semester hours of course work in range management, including courses in such areas as basic principles of range management, range plants, range ecology, range inventories and studies, range improvements, and ranch or rangeland planning.</td>
<td>WILD 3800 Wildland Plants &amp; Ecosystems (4 sem. hrs.)&lt;br&gt;WILD 3830 Rangeland Plants &amp; Taxonomy (3 sem. hrs.)&lt;br&gt;WILD 4000 Principles of Range Mgt. (3 sem. hrs.)&lt;br&gt;WILD 4750 Monitoring in Nat. Res. Mgt. (3 sem. hrs.)&lt;br&gt;WILD 4850 Vegetation &amp; Habitat Mgt. (3 sem. hrs.)&lt;br&gt;WILD 4910 Assessment in NR Sci. (3 sem. hrs.)&lt;br&gt;<strong>TOTAL</strong> = 19 semester hours</td>
</tr>
<tr>
<td>Directly Related Plant, Animal, and Soil Sciences – at least 15 semester hours of directly related courses in the plant, animal, and soil sciences, including <strong>at least one course in each of these three specific areas, i.e., plant, animal, and soil sciences.</strong> Courses in such areas as plant taxonomy, plant physiology, plant ecology, animal nutrition, livestock production, and soil morphology or soil classification are acceptable.</td>
<td>Plant science courses:&lt;br&gt;WILD 2400 Wildland Resource Techniques (1.5 sem. hrs.)&lt;br&gt;WILD 3810 Plant &amp; Animal Populations (1.5 sem. hrs.)&lt;br&gt;WILD 3820 Dendrology (3 sem. hrs.) or&lt;br&gt;WILD 4950 ST: Range Plants (3 sem. hrs.)&lt;br&gt;BIOL 4400 Plant Physiology (4 sem. hrs.)&lt;br&gt;PSC 3500 Structure &amp; Function of Plants (3 sem. hrs.)&lt;br&gt;PSC 5550 Weed Biology &amp; Control (4 sem. hrs.)&lt;br&gt;Animal science courses:&lt;br&gt;WILD 2400 Wildland Resource Techniques (1.5 sem. hrs.)&lt;br&gt;WILD 3810 Plant &amp; Animal Populations (1.5 sem. hrs.)&lt;br&gt;ADVS 2080 Beef Production Practices (3 sem. hrs.) or&lt;br&gt;ADVS 2090 Sheep Production Practices (2 sem. hrs.)&lt;br&gt;Soil science courses:&lt;br&gt;PSC 3000 Fund. of Soil Sci. (4 sem. hrs.)&lt;br&gt;PSC 5130 Soil Genesis, Morph. &amp; Class. (4 sem. hrs.)&lt;br&gt;Selected courses must sum to at least 15 hrs.</td>
</tr>
</tbody>
</table>
| Related Resource Management Studies – at least 9 semester hours of course work in related resource management subjects, including courses in such areas as wildlife management, watershed management, natural resource or agricultural economics, forestry, agronomy, forages, and outdoor recreation management. | Take these two courses:  
APEC 3010 Intro. to Agric. Econ. or  
APEC 3012 Intro. to Nat. Res. Econ. (3 sem. hrs.)  
WATS 3700 Fund. of Watershed Science (3 sem. hrs.)  

Select one of these courses:  
ENVS 3300 Outdoor Recreation Mgt. (3 sem. hrs.)  
PSC 4320 Forage Prod. & Pasture Ecol. (3 sem. hrs.)  
PSC 4280 Agronomy (3 sem. hrs.)  
WILD 4500 Principles of Wildlife Mgt. (3 sem. hrs.)  
WILD 5300 Wildlife Damage Mgt. Prin. (3 sem. hrs.)  

**TOTAL** = 9 semester hours |

*Students may take additional (elective) courses that increase the number of semester hours in these categories.*