

## Bachelor of Science Degree | Rangeland Livestock Production Emphasis

### Sample Plan of Study for 2020-2021

- Plan of studies will vary for each student depending on start year, individual goals, applicable transfer credit, and course availability.
- Declaring an Emphasis- Students should formally declare an emphasis area with the Office of Registration & Records no later than the beginning of their junior year. The emphasis area is recorded on the academic transcript with the degree.

<b>First Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
BIOL 150 – <i>General Biology I</i>	3	BIOL 151 – <i>General Biology II</i>	3
BIOL 150L – <i>General Biology I Lab.</i>	1	BIOL 151L – <i>General Biology II Lab.</i>	1
ENGL 110 - <i>College Comp. I</i>	4	ENGL 120 – <i>College Comp. II</i>	3
NRM 150 – <i>NRM Orientation</i>	1	Hum. & Fine Arts Elective	3
NRM 225 (G) – <i>Natural Resources &amp; Agrosystems</i>	3	Math 103 – <i>College Algebra</i>	3
RNG 136 – <i>Intro to Range Management</i>	3	Wellness Elective	2
	<b>Total 15</b>		<b>Total 15</b>
<b>Second Year</b>			
CHEM 121 – <i>General Chemistry I</i>	3	EMGT, POLS, or SOC elective	3
CHEM 121L – <i>General Chemistry I Lab</i>	1	SOIL 210 – <i>Intro. to Soil Science</i>	3
COMM 110 – <i>Fund. of Public Speaking</i>	3	STATS 330 - <i>Intro. Statistics</i>	3
ECON 201(G) (SBS) - <i>Principles of Micro.</i>	3	Emphasis Core or Elective Credits	6
ENT 210 – <i>Insects, Humans &amp; Environment</i>	3		
RNG 213 - <i>Rangeland Sampling Techniq.</i>	3		
	<b>Total 16</b>		<b>Total 15</b>
<b>Third Year</b>			
ENGL 321, 324, or 459	3	NRM 421 – <i>Env. Outreach Methods</i>	3
PHIL 215(D) or 225 (H&FA) – <i>Env. Ethics</i>	3	RNG 452 or GEOG 455 - <i>GIS</i>	3
Emphasis Core or Elective Credits	9	Emphasis Core or Elective Credits	9
	<b>Total 15</b>		<b>Total 15</b>
<b>Fourth Year</b>			
Emphasis Core or Elective Credits	14	NRM/RNG/SOIL 462 – <i>Natural Resource and Rangeland Planning</i>	3
		Emphasis Core or Elective Credits	12
	<b>Total 14</b>		<b>Total 15</b>

### Total credits to graduate: 120

Gen Ed requirements for Category D (Cultural Diversity) and G (Global Perspectives) can be fulfilled by taking approved courses that also qualify for other Gen Ed or curriculum requirements.

## Rangeland Livestock Production Emphasis

Required Courses for Rangeland Livestock Production		
ANSC 114	Introduction to Animal Sciences	3
ANSC 220	Livestock Production	3
ANSC 223	Introduction to Animal Nutrition	2
ANSC 357	Animal Genetics	3
NRM 431	National Environmental Policy Act & Environmental Impact Assessment	3
PLSC 315	Genetics	3
PLSC 320	Principles of Forage Production	3
PLSC 323	Principles of Weed Science	3
RNG 450	Range Plants	3
RNG 456	Range Habitat Management	3
RNG 458	Grazing Ecology	3
SOIL 217	Introduction to Meteorology & Climatology	3
SOIL 351 SOIL 410 or SOIL 444	Soil Ecology Soils and Land Use Soil Genesis and Survey	3

Select a minimum of 9 additional credits of 300 or 400 level courses from ENT, SOIL, RNG, or NRM


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