

Range Science - 2014

Major: Range Science

Degree Type: B.S.

Required Degree Credits to Graduate: 132

General Education Requirements

First Year Experience (F):

AGRI 189	Skills for Academic Success (Students transferring in 24 or more credits do not need to take AGRI 189.)	1
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Communication (C):

ENGL 110	College Composition I	3
ENGL 120	College Composition II	3
One Course in Upper Level Writing: Select one of the following:		3
ENGL 321	Writing in the Technical Professions	
ENGL 324	Writing in the Sciences	
ENGL 459	Researching and Writing Grants and Proposal	
COMM 110	Fundamentals of Public Speaking	3

Quantitative Reasoning (R):

STAT 330	Introductory Statistics	3
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Science & Technology (S):

CHEM 121 & 121L	General Chemistry I and General Chemistry I Laboratory	4
PLSC 110	World Food Crops	3
PLSC 315	Genetics	3

Humanities & Fine Arts (A): Select from current general education list		6
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Social & Behavioral Sciences (B):

ECON 201	Principles of Microeconomics	3
Select from current general education courses		3

Wellness (W): Select from current general education courses		2
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Cultural Diversity (D): Select from current general education list

Global Perspectives (G):

ECON 201	Principles of Microeconomics	3
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Total Credits		40
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Major Requirements

General Education Requirements		40
Required Courses for Range Science		
AGRI 150	Agriculture Orientation (Students transferring in 24 or more credits do not need to take AGRI 150.)	1
ANSC 114	Introduction to Animal Sciences	3
ANSC 123	Feeds and Feeding	3
or ANSC 220	Livestock Production	
RNG 336	Introduction to Range Management	3
RNG 450	Range Plants	3
RNG 452	Geographic Information Systems in Range Survey	3
RNG 453	Rangeland Resources Watershed Management	3
or RNG 454	Wetland Resources Management	
RNG 456	Range Habitat Management	3
RNG 458	Grazing Ecology	3
RNG 460	Plant Ecology	3
RNG 462	Rangeland Planning and Analysis	3
RNG 491	Seminar	1
BIOL 150 & 150L	General Biology I and General Biology I Laboratory	4
BIOL 151 & 151L	General Biology II and General Biology II Laboratory	4
BOT 380	Plant Physiology	3
CHEM 122	General Chemistry II	3
CHEM 140	Organic Chemical Concepts and Applications	1
CHEM 260	Elements of Biochemistry	4
MATH 103	College Algebra (or higher level)	3
Select one of the following:		2-3
PLSC 219	Introduction to Prairie & Community Forestry	
PLSC 320	Principles of Forage Production	
PLSC 323	Principles of Weed Science	
PLSC 315 & 315L	Genetics and Genetics Laboratory	4
SOIL 210	Introduction to Soil Science	3
SOIL 217	Introduction to Meteorology & Climatology	3
Select one of the following:		3
SOIL 351	Soil Ecology	
SOIL 410	Soils and Land Use	
SOIL 444	Soil Genesis and Survey	3
ZOO 475	Conservation Biology	3
or ZOO 476	Wildlife Ecology and Management	
Degree Electives: Potential of a minimum of 17-18 credits to reach 132.		17
Total Credits		132