

COLLEGE OF AG, FOOD SYSTEMS & NATURAL RESOURCES

MAJOR: RANGE SCIENCE

ACADEMIC YEAR: 2013-2014

DEGREE TYPE: B.S.

REQUIRED DEGREE CREDITS TO GRADUATE: 128

GENERAL EDUCATION REQUIREMENTS – 40 CREDITS

Lower Division Requirements – 37 Credits

First Year Experience (F) - 1 Credit

AGRI	189	Skills for Academic Success	1 cr
Students transferring in 24 or more credits do not need to take AGRI 189.			

Communication (C) - 9 Credits

ENGL	110	College Composition I	3 cr
ENGL	120	College Composition II	3 cr
COMM	110	Fund of Public Speaking	3 cr

Quantitative Reasoning (R) - 3 Credits

STAT	330	Introductory Statistics	3 cr
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Science & Technology (S) - 10 Credits

CHEM	121/L	General Chemistry I/Lab	3/1 cr
PLSC	110	World Food Crops	3 cr
PLSC	315	Genetics	3 cr

Humanities & Fine Arts (A) - 6 Credits

Select from current general education courses www.ndsu.edu/registrar/gened/

Social & Behavioral Sciences (B) - 6 Credits

ECON	201	Principles of Microeconomics	3 cr
Select from current general education courses www.ndsu.edu/registrar/gened/			

Wellness (W) - 2 Credits

Select from current general education courses www.ndsu.edu/registrar/gened/

Cultural Diversity (D)

Select from current general education courses www.ndsu.edu/registrar/gened/

Global Perspectives (G)

ECON	201	Principles of Microeconomics	
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Upper Division Requirements - Writing – 3 Credits

ENGL	321, 324, or 459		3 cr
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REQUIRED COURSES FOR RANGE SCIENCE – 60-61 CREDITS

AGRI	150	Agriculture Orientation	1 cr
Students transferring in 24 or more credits do not need to take AGRI 150.			
ANSC	114	Introduction to Animal Sciences	3 cr
ANSC	123 or 220	Feeds and Feeding Livestock Production	3 cr
RNG	225	Natural Resource and Agro-Ecosystems	3 cr
RNG	336	Introduction to Range Management	3 cr
RNG	450	Range Plants	3 cr
RNG	452	Geographic Info Systems in Range Survey	3 cr
RNG	453 or 454	Rangeland Resources/Watershed Management Wetland Resources Management	3 cr
RNG	456 or 458	Range Habitat Management Grazing Ecology	3 cr
RNG	460	Plant Ecology	3 cr
RNG	462	Rangeland Planning & Analysis (Capstone)	3 cr
RNG	491	Seminar	1 cr
BIOL	151/L	General Biology II/Lab	3/1 cr
BOT	380	Plant Physiology	3 cr
CHEM	260	Elements of Biochemistry	4 cr
MATH	103	College Algebra or higher	3 cr
PLSC	219 or 320 or 323	Introduction to Prairie & Community Forestry Principles of Forage Production Principles of Weed Science	2 or 3 cr
SOIL	210	Introduction to Soil Science	3 cr
SOIL	217 or 351 or 410	Introduction to Meteorology & Climatology Soil Ecology Soils and Land Use	3 cr
SOIL	444	Soil Genesis and Survey	3 cr
ZOO	475 or 476	Conservation Biology Wildlife Ecology and Management	3 cr

DEGREE REQUIREMENTS – 27-28 CREDITS TO REACH 128