

Name: \_\_\_\_\_

**NORTH DAKOTA STATE UNIVERSITY**  
College of Agriculture, Food Systems & Natural Resources

T = Transfer Credit  
IP = Course is 'In Progress'

ID: \_\_\_\_\_

**Range Science**

**Fall 2012**

General Education Requirements - 40 Credits Required					Major Requirements - 64-65 credits				
Course	Number	Course Title	Credits	Grade	Course	Number	Course Title	Credits	Grade
First Year Experience (F)			1 Sem Credit		AGRI	150 <sup>1</sup>	Agriculture Orientation	1	
AGRI	189 <sup>1</sup>	Skills for Academic Success	1		ANSC	114	Introduction to Animal Sciences	3	
Communication (C)			12 Sem Credits		ANSC	123 <b>or</b> 220	Feeds and Feeding <b>or</b> Livestock Production	3	
ENGL	110	College Composition I	3		RNG	225	Natural Resource and Agro-Ecosystems	3	
ENGL	120	College Composition II	3		RNG	336	Introduction to Range Management	3	
COMM	110	Fundamentals of Public Speaking	3		RNG	450	Range Plants	3	
ENGL	321 <b>or</b> 324 <b>or</b> 459 <b>or</b>	Writing in the Technical Professions <b>or</b> Writing in the Sciences <b>or</b> Researching and Writing Grants & Proposals	3		RNG	452	Geographic Info Systems in Range Survey	3	
Quantitative Reasoning (R)			3 Sem Credits		RNG	453 <b>or</b> 454	Rangeland Resources & Watershed Management <b>or</b> Wetland Resources Management	3	
STAT	330	Introductory Statistics	3		RNG	456 <b>or</b> 458	Range Habitat Management <b>or</b> Grazing Ecology	3	
Science & Technology (S)			10 Sem Credits		RNG	460	Plant Ecology	3	
CHEM	121	General Chemistry I	3		RNG	462	Rangeland Planning & Analysis ( <i>Capstone</i> )	3	
CHEM	121L	General Chemistry I Lab	1		RNG	491	Seminar	1	
PLSC	110	World Food Crops	3		BIOL	151	General Biology II Lab	3	
PLSC	315	Genetics	3		BIOL	151L	General Biology II Lab	1	
Humanities & Fine Arts (A)			6 Sem Credits		BOT	380	Plant Physiology	3	
			3		CHEM	260	Elements of Biochemistry	4	
			3		MATH	103	College Algebra or higher	3	
Social & Behavioral Sciences (B)			6 Sem Credits		PLSC	219 <b>or</b> 320 <b>or</b> 323	Introduction to Prairie & Community Forestry <b>or</b> Principles of Forage Production <b>or</b> Principles of Weed Science	2 <b>or</b> 3	
ECON	201	Principles of Microeconomics	3		SOIL	210	Introduction to Soil Science	3	
			3		SOIL	217 <b>or</b> 351 <b>or</b> 410	Introduction to Meteorology & Climatology <b>or</b> Soil Ecology <b>or</b> Soils and Land Use	3	
Wellness (W)			2 Sem Credits		SOIL	444	Soil Genesis and Survey	4	
			2		ZOO	475 <b>or</b> 476	Conservation Biology <b>or</b> Wildlife Ecology and Management	3	
Cultural Diversity (D)					<b>Electives - 26-27 credits required to reach total of 128</b>				
Global Perspectives (G)									
ECON	201	Principles of Microeconomics							
<b>University Requirements:</b>									
Upper Level (300-400 level) Credits			37						
Residence:									
Credit from a 4-Year			60						
Credits taken at NDSU			36						
15 of 36 must be in the major									
15 of 36 must be upper-level courses									
The last 30 credits must be taken at NDSU									
<sup>1</sup> Students transferring in 24 or more credits do not need to take AGRI 150 or 189.									
					<b>All courses listed on this guide are required unless otherwise noted.</b>				
					<b>Total Credits Required for Graduation:</b>				