

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

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

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

Fall 2012

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

General Education Requirements - 40 Credits Required					Major Requirements - 31 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		SOIL	210	Introduction to Soil Science	3	
Communication (C)			12 Sem Credits		SOIL	217	Introduction to Meteorology & Climatology	3	
ENGL	110	College Composition I	3		SOIL	264	Natural Resource Management Systems	3	
ENGL	120	College Composition II	3		SOIL	322	Soil Fertility & Fertilizers	3	
COMM	110	Fundamentals of Public Speaking	3		SOIL	351	Soil Ecology	3	
ENGL	321 or 324 or 459	Writing in the Technical Professions or Writing in the Sciences or Researching and Writing Grants & Proposals	3		SOIL	410	Soils and Land Use	3	
SOIL					SOIL	433	Soil Physics	3	
SOIL					SOIL	444	Soil Genesis and Survey	4	
Quantitative Reasoning (R)			3 Sem Credits		SOIL	480	Soils and Pollution	3	
STAT	330	Introductory Statistics	3		SOIL	491	Capstone Seminar I	1	
Science & Technology (S)			10 Sem Credits		SOIL	491	Capstone Seminar II	1	
CHEM	121	General Chemistry I	3		<b>Supporting Courses: 40-43 credits</b>				
CHEM	121L	General Chemistry I/Lab	1		BIOL	150	General Biology I	3	
CHEM	122	General Chemistry II	3		BOT	380	Plant Physiology	3	
PLSC	110	World Food Crops	3		CHEM	122L	General Chemistry II/Lab	1	
Humanities & Fine Arts (A)			6 Sem Credits		CHEM	240 or 341 or 431/L	Survey of Organic Chemistry or Organic Chemistry I or Analytical Chemistry I/Lab	3 or 3 or 3/2	
			3		GEOG or RNG	455 or 452	Intro to Geographic Information Systems or Geographic Information Systems Range Survey	3	
			3		GEOL	105/L	Physical Geology/Lab	3/1	
Social & Behavioral Sciences (B)			6 Sem Credits		MATH	103	College Algebra	3	
			3		MATH	105	Trigonometry	3	
			3		MATH	146 or 165	Applied Calculus I or Calculus I	4	
Wellness (W)			2 Sem Credits		MICR	202/L or 350/L	Introductory Microbiology/Lab or General Microbiology/Lab	2/1 or 3/2	
			3		PHYS	211/L	College Physics I/Lab	3/1	
Cultural Diversity (D)					PHYS	212/L	College Physics II/Lab	3/1	
					PLSC or RNG	225 or 336	Principles of Crop Production or Introduction to Range Management	3	
Global Perspectives (G)					<b>Agriculture Electives: 9 credits</b>				
PLSC	110	World Food Crops							
<b>University Requirements:</b>					<b>Electives - Up to 8 credits to reach total of 128</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									
<p><sup>1</sup>Students transferring in 24 or more credits do not need to take AGRI 150 or 189.</p> <p><b>All courses listed on this guide are required unless otherwise noted.</b></p>					<b>A 2.00 cumulative GPA is required for graduation</b>				
					<b>Total Credits Required for Graduation:</b>				
					<b>128</b>				