

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 ¹ | Agriculture Orientation | 1 | |
| AGRI | 189 ¹ | 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 | |
| Quantitative Reasoning (R) | | | 3 Sem Credits | | SOIL | 433 | Soil Physics | 3 | |
| STAT | 330 | Introductory Statistics | 3 | | SOIL | 444 | Soil Genesis and Survey | 4 | |
| Science & Technology (S) | | | 10 Sem Credits | | SOIL | 480 | Soils and Pollution | 3 | |
| CHEM | 121 | General Chemistry I | 3 | | SOIL | 491 | Capstone Seminar I | 1 | |
| CHEM | 121L | General Chemistry I/Lab | 1 | | SOIL | 491 | Capstone Seminar II | 1 | |
| CHEM | 122 | General Chemistry II | 3 | | Supporting Courses: 40-43 credits | | | | |
| PLSC | 110 | World Food Crops | 3 | | BIOL | 150 | General Biology I | 3 | |
| Humanities & Fine Arts (A) | | | 6 Sem Credits | | BOT | 380 | Plant Physiology | 3 | |
| | | | 3 | | CHEM | 122L | General Chemistry II/Lab | 1 | |
| | | | 3 | | 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 | |
| Social & Behavioral Sciences (B) | | | 6 Sem Credits | | 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 | |
| | | | 3 | | MATH | 103 | College Algebra | 3 | |
| Wellness (W) | | | 2 Sem Credits | | MATH | 105 | Trigonometry | 3 | |
| | | | 2 | | MATH | 146 or 165 | Applied Calculus I or Calculus I | 4 | |
| Cultural Diversity (D) | | | | | MICR | 202/L or 350/L | Introductory Microbiology/Lab or General Microbiology/Lab | 2/1 or 3/2 | |
| Global Perspectives (G) | | | | | PHYS | 211/L | College Physics I/Lab | 3/1 | |
| PLSC | 110 | World Food Crops | | | PHYS | 212/L | College Physics II/Lab | 3/1 | |
| University Requirements: | | | | | PLSC or RNG | 225 or 336 | Principles of Crop Production or Introduction to Range Management | 3 | |
| Upper Level (300-400 level) Credits | | | 37 | | Agriculture Electives: 9 credits | | | | |
| 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>¹Students transferring in 24 or more credits do not need to take AGRI 150 or 189.</p> <p align="center">All courses listed on this guide are required unless otherwise noted.</p> | | | | | Electives - Up to 8 credits to reach total of 128 | | | | |
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| | | | | | A 2.00 cumulative GPA is required for graduation | | | | |
| | | | | | | | | Total Credits Required for Graduation: | 128 |