

Major: Soil Science

Curriculum Guide effective Fall 2002

Updated: _____

Gen Ed met: _____
(wpdata\02ss.cur 8/02)

IMPORTANT: All courses are required unless otherwise noted. Students are fully responsible for academic decisions, including selection of courses, meeting prerequisites, and adhering to policies, procedures and deadlines. Keep this guide with your personal records and update regularly. Academic advising is available through your assigned adviser. For additional information refer to the NDSU Bulletin or call **Student Academic Affairs (SAA), Ceres 110, 231-8718.**

STUDENT: _____ NAID#: _____ ADVISER: _____

Key: * Denotes a General Education course specific to and **required** for this major which may exceed the General Education minimum credit requirement.
 [] Indicates a former number of the same course. (CCN) Indicates course is common throughout ND University System institutions.
 { } Credits required only as indicated. f, s, u, o, e Indicates semester/year course is offered: fall, spring, summer only, odd years, even years.

GENERAL EDUCATION

F First-Year Experience.....2

Applies to entering freshmen and new students who transfer fewer than 24 semester credits.

- AGRI/UNIV 189 [199] _____
- Skills for Academic Success _____1
- AGRI 150 Ag Orientation _____1

C Communication.....12

- COMM 110 [Spem] (CCN) _____
- Fundamentals of Public Speaking _____3
- ENGL 110 (CCN) _____
- College Composition I _____3
- ENGL 120 [111] (CCN) _____
- College Composition II _____3
- ENGL 215 [220] _____
- Technical Writing _____
- OR- ENGL 320 Practical Writing _____3

R Quantitative Reasoning.....13

- (* MATH 103 (CCN) (*Counts toward General Education for transfer students only.) _____
- College Algebra _____3
- MATH 105 [142] (CCN) _____
- Trigonometry _____3
- * MATH 146 (CCN) _____
- Applied Calculus _____
- OR-* MATH 165 (CCN) _____
- Calculus I _____4
- * STAT 330 Introductory Statistics _____3

S Science & Technology.....24/25

- * BIOL 150 (CCN) _____
- General Biology _____3
- * BIOL 202 [MICR 110] (CCN) _____
- Introductory Microbiology _____
- * BIOL 202L [MICR 111] (CCN) _____
- Introductory Microbiology Lab _____
- OR- MICRO 350/350L (CCN) _____2/3
- General Microbiology _____1
- * CHEM 121 [120] (CCN) _____
- General Chemistry I _____3
- * CHEM 121L [130] (CCN) _____
- General Chemistry I Lab _____1
- * CHEM 122 [121] (CCN) _____
- General Chemistry II _____3
- * CHEM 122L [131] (CCN) _____
- General Chemistry II Lab _____1
- * CSCI 114 [147] _____
- Microcomputer Packages _____
- CSCI 122 [150] (CCN) Beginning Basic _____
- OR- CSCI 126 [160] (CCN) Beginning Fortran _____3

- * PHYS 211 [121] (CCN) _____
- General Physics _____3
- * PHYS 211 L [122] (CCN) _____
- General Physics Lab _____1
- * PLSC 110 (CCN) _____
- World Food Crops _____3

A Humanities/Fine Arts.....6

No more than 3 credits may be in fine arts performance.

B Social/Behavioral Sciences.....6

W Wellness.....2

G Global Perspective

Requirement met with PLSC 110 above

D Cultural Diversity Any General Education course approved for cultural diversity.

MAJOR COURSES

- SOIL 210 (CCN) _____
- Intro Soil Science _____4
- SOIL 217 Meteorology/Climatology _____3
- SOIL 321 (CCN) _____
- Soil Management & Conservation _____3
- SOIL 322 (CCN) _____
- Soil Fertility & Fertilizers _____3
- SOIL 333 _____
- Managing Soil Physical Properties _____2
- SOIL 339 _____
- Managing Soil Physical Prop Lab _____1
- SOIL 444 Soil Genesis & Survey _____4
- SOIL 455 Soil Chemistry _____3
- SOIL 491 Capstone Seminar I _____1
- SOIL 491 Capstone Seminar II _____1

SUPPORTING COURSES

- Required credits.....6
- ASM 264 Natural Resource Mgmt Sys _____3
- CHEM 240 [241] (CCN) _____
- Survey of Organic Chemistry _____
- OR- CHEM 341 (CCN) _____3
- Organic Chemistry _____
- AGRICULTURE ELECTIVES.....9
- _____
- _____
- _____

MINOR Optional

A minor is a grouping of similar courses totaling a minimum of 16 credits, which is obtained from a department outside of your major. **Notify SAA of your minor(s) before requesting a graduation audit:** obtain a Minor Approval form from the originating department, secure signatures and submit to SAA. **Suggested minors:** Plant Sciences, Range Science. (Also suggested is a double major in Natural Resource Management.)

FREE ELECTIVES to complete 128 credits

GRADUATION REQUIREMENTS

Graduation Audit: An audit lists remaining requirements for the completion of a degree. SAA mails Audit Request postcards to College of Ag students who have completed 75 credits. Return the card to SAA; an audit will be mailed 2-3 semesters before you expect to graduate. **Total credit requirement** for graduation from the College of Agriculture.....128
 Note: Co-op credits do not count toward the 128-credit requirement.

Upper-level credit requirement: 300/400 level course credits from a 4-year institution.....37

Residence requirements and transfer credits: 60 credits from a 4-year institution with a minimum of 36 credits taken at NDSU...
 ...15 of the 36 must be in the major;
 ...15 of the 36 must be upper-level courses.
 Note: Ordinarily, the last 30 credits must be residence credits.