

In effect Fall 2013
 Agronomy and Soils (AGRN)
 Soil, Water and Land Use Option

Freshman Year

Fall	Spring	
BIOL 1020 Principles of Biology	4 BIOL 1030 Organismal Biology	4
MATH 1130 Pre-cal w/ Trig	3 CHEM 1040 Fund. of Chem. II	3
AGRN 1000 Basic Crop Sci ¹	4 CHEM 1041 Fund. Of Chem. II Lab	1
CHEM 1030 Fund. Of Chem I	3 MATH 1610 Calculus I	4
CHEM 1031 Fund. Of Chem I Lab	1 ENGL 1100 English Composition I	3
	15	15

Sophomore Year

Fall	Spring	
CHEM 3050 Analytical Chem	3 Core Social Science ³	3
CHEM 3051 Analytical Chem Lab	1 Core History II	3
AGRN 2040 Basic Soil Science	4 ENGL 1120 English Composition II	3
Core History I	3 STAT 2510 Stat for Biol Sci	3
GEOL 1100 Physical Geology	4 CHEM 2030 Organic Chemistry	3
	15	15

Junior Year

Fall	Spring	
AGRN 5000 Soils and Env. Qual.	3 AGRN 5150 Soil Morphology	4
Approved Humanities choice ²	3 GEOL 2100 Environmental Geology	4
ECON 2020 Princ. Of Microecon	3 PHYS 1500 General Physics I	4
AGRN 5300 Soil Chemistry	4 Free electives	3
Core Humanities (English Lit)	3	
	16	15

Senior Year

Fall	Spring	
AGRN 5590 Environ. Soil Physics	4 AGRN 5060 Soil Microbiology	3
Core Humanities (Fine Arts)	3 AGRN 5061 Soil Microbiology Lab	1
Option course ²	4 GEOG 5830 GIS (Fall/Spring)	4
GEOL 5100 Hydrogeology	Core Humanities	3
or	Option course ³	3
FISH 5220 Water Science	3 AGRN 4950 Senior Seminar	2
	UNIV 4@@0 Undergrad Grad	0
	14	16

Total semester hours: 121

¹ Courses in boldface type are major courses and require a 2.0 minimum GPA for graduation.

² Since there are few free electives in this curriculum five hours of advanced ROTC can be substituted for any course not in the required Core or Major (boldface courses).

³If History 1010 or 1020 is taken or FLGC 1150 or UNIV 2710 (HONR 2717) is taken, any social science course may be selected.

If none of these courses is taken, students must choose from ANTH 1000, SOCY 1000, GEOG 1010, PSYC 2010 or UNIV 2720 (HONR 2727) for at least one Core Social Science selection.

⁴Students must select a Core Humanities course that satisfies SLO 3. See the 2011-2012 Bulletin or an advisor for a list of approved choices.

⁵Option course to be taken from courses approved by advisor (list below).

Soil, Water and Land Use Option Courses

Designation	Name	Credit
AGRN 4200	Soil Judging (Fall)	2
AGRN 4210	Advanced Soil Judging (Spring)	2
AGRN 5020	Nutrient Management	3
AGRN 5080	Soil Resources and Conservation	4
AGRN 5400	Bioenergy and Environment	3
AGRN 5970	Special Problems	2
FISH 5220	Water Science (Fall)	3
GEOG 5100	Hydrogeology (Fall)	3
BIOL 3060	Principles Ecology	4
BIOL 5120	Systematic Botany	4