

MAJOR IN SOIL AND CROP SCIENCES, INTERNATIONAL SOIL AND CROP SCIENCES CONCENTRATION

Requirements Effective Fall 2020

Freshman

		AUCC	Credits
AGRI 192 or 292	Orientation to Agricultural Systems Transfer Seminar		1
AREC 202	Agricultural and Resource Economics (GT-SS1)	3C	3
BZ 120	Principles of Plant Biology (GT-SC1)	3A	4
Select one group from the following:			5-9
Group A:			
CHEM 107	Fundamentals of Chemistry (GT-SC2)	3A	
CHEM 108	Fundamentals of Chemistry Laboratory (GT-SC1)	3A	
Group B:			
CHEM 111	General Chemistry I (GT-SC2)	3A	
CHEM 112	General Chemistry Lab I (GT-SC1)	3A	
CHEM 113	General Chemistry II		
CHEM 114	General Chemistry Lab II		
CO 150	College Composition (GT-CO2)	1A	3
FSHN 125 or 150	Food and Nutrition in Health Survey of Human Nutrition		2-3
MATH 117	College Algebra in Context I (GT-MA1)	1B	1
MATH 118	College Algebra in Context II (GT-MA1)	1B	1
MATH 124	Logarithmic and Exponential Functions (GT-MA1)	1B	1
PHIL 110	Logic and Critical Thinking (GT-AH3)	3B	3
SOCR 100	General Crops		4
Total Credits			28-33

Sophomore

Select one course from the following:			3
ANTH 100	Introductory Cultural Anthropology (GT-SS3)	3C	
SOC 100	Introduction to Sociology (GT-SS3)	3C	
SOC 105	Social Problems (GT-SS3)	3C	
AGRI 270/IE 270	World Interdependence-Population and Food (GT-SS3)	1C	3
ANEQ 101	Food Animal Science		4
LAND 220/LIFE 220	Fundamentals of Ecology (GT-SC2)	3A	3
PH 110	Physics of Everyday Phenomena (GT-SC2)	3A	3
POLS 131	Current World Problems (GT-SS1)	1C	3
POLS 232	International Relations (GT-SS1)	1C	3
SOCR 240	Introductory Soil Science		4
SPCM 200	Public Speaking		3
Historical Perspectives (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)		3D	3
Total Credits			32

Junior

JTC 300 or CO 301B	Strategic Writing and Communication (GT-CO3) Writing in the Disciplines: Sciences (GT-CO3)	2	3
POLS 332/ECON 332	International Political Economy		3
Select two courses from the following:			6
ANTH 310	Peoples and Cultures of Africa		
ANTH 312	Modern Indian Culture and Society		
ANTH 314	Southeast Asian Cultures and Societies		
ANTH 446	New Orleans and the Caribbean		
SOC 320	Population-Natural Resources and Environment		
SOC 341	Sociology of Rural Life		
SOC 364	Food, Agriculture and Global Society		
SOCR 330	Principles of Genetics		3
SOCR 350	Soil Fertility Management		3
SOCR 351	Soil Fertility Laboratory		1
SOCR 370	Climate-Smart Irrigation Principles		2
Select one course from the following:			3
STAT 201	General Statistics (GT-MA1)	1B	
STAT 301	Introduction to Applied Statistical Methods		
STAT 307	Introduction to Biostatistics		
Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)			3B
Electives			1-2
Total Credits			28-29

Senior

AREC 460	Ag- and Resource-Based Economic Development		3
Select two of the following three groups:			6
Group A:			
BSPM 302	Applied and General Entomology		
BSPM 303C	Entomology Laboratory: Agricultural		
Group B:			
BSPM 308	Ecology and Management of Weeds		
Group C:			
BSPM 361	Elements of Plant Pathology		
BZ 440	Plant Physiology		3
SOCR 371	Irrigation of Field Crops		1
SOCR 421	Agroecosystem Management	4A,4B,4C	4
SOCR 475	Global Challenges in Plant and Soil Science		3
SOCR 486 or 487	Practicum		1-3
	Internship		
SOCR 492	Preparing for Impact--Your Career Journey	4A	1
Electives ¹			4-10
Total Credits			26-34
Program Total Credits:			120-122

¹ Select enough elective credits to bring the program total to 120-122 credits, of which 42 must be upper division.