## MAJOR IN SOIL AND CROP SCIENCES, PLANT BIOTECHNOLOGY, GENETICS, AND BREEDING CONCENTRATION

## Requirements Effective Fall 2019

Freshman			
		AUCC	Credits
AGRI 192 or 292	Orientation to Agricultural Systems Transfer Seminar		1
CHEM 111		3A	4
	General Chemistry I (GT-SC2)		
CHEM 112	General Chemistry Lab I (GT-SC1)	3A	1
CHEM 113	General Chemistry II		3
CHEM 114	General Chemistry Lab II	7.4	1
CO 150	College Composition (GT-CO2)	1A	3
LIFE 102	Attributes of Living Systems (GT-SC1)	3A	4
LIFE 103	Biology of Organisms-Animals and Plants (GT-SC1)	3A	4
MATH 124	Logarithmic and Exponential Functions (GT-MA1)	1B	1
MATH 125	Numerical Trigonometry (GT-MA1)	1B	1
MATH 126	Analytic Trigonometry (GT-MA1)	1B	1
MATH 155	Calculus for Biological Scientists I (GT-MA1)	1B	4
SOCR 100	General Crops		4
	Total Credits		32
Sophomore			
Select one from the follow	ing:		3
AGRI 116/IE 116	Plants and Civilizations (GT-SS3)	1C	
AGRI 270/IE 270	World Interdependence-Population and Food (GT-SS3)	1C	
AREC 202	Agricultural and Resource Economics (GT-SS1)	3C	3
CHEM 245	Fundamentals of Organic Chemistry		4
CHEM 246	Fundamentals of Organic Chemistry Laboratory		1
FSHN 125 or 150	Food and Nutrition in Health		2-3
	Survey of Human Nutrition		
PH 110	Physics of Everyday Phenomena (GT-SC2)	3A	3
PHIL 110	Logic and Critical Thinking (GT-AH3)	3B	3
SOCR 240	Introductory Soil Science		4
SOCR 330	Principles of Genetics		3
SPCM 200	Public Speaking		3
	tp://catalog.colostate.edu/general-catalog/all-university-core-curriculum/	3D	3
aucc/#historical-perspecti	*		
	Total Credits		32-33
Junior			
DC 251	Dringinlag of Diaghamistry		4
BC 351	Principles of Biochemistry		4
BZ 310	Cell Biology		4

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<sup>1</sup> Select enough elective credits to bring the program total to 120, with a minimum of 42 upper division credits.