

# Crop and Soil Sciences – Soil Science

## NC Community College Pathway for Bachelor of Science degree in Crop and Soil Sciences with a concentration in Soil Science (11CSSCBS-11CSCSSC)

This pathway plan assumes the student has placed out of all developmental and prerequisite courses. North Carolina Community College classes are listed below in **bold** with the fulfilled NC State degree requirement listed next to the course. While a pathway for transition to NC State, this guide should be used for advising purposes only. Questions related to the community college courses should be directed to a community college advisor. Questions related to NC State courses can be directed to the [cropsoil-undergraduate-office@ncsu.edu](mailto:cropsoil-undergraduate-office@ncsu.edu)

NC COMMUNITY COLLEGE FIRST YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
<b>ENG 111</b> – ENG 101 Academic Writing and Research	3	<b>ENG 112</b> – GEP Requirement	3
<b>MAT 263</b> – MA 121 Elements of Calculus	4	Humanities GEP Elective <sup>a</sup>	3
<b>BIO 112</b> – BIO 181 Intro to Biology: Ecol, Evol, and Biodiversity	4	<b>BIO 111</b> – BIO 183 Intro. Biol: Cell. & Molec. Biol.	4
<b>COM 120 or 231</b> – COM 110 Public Speaking or COM 112 Interpersonal Communications	3	<b>MAT 152</b> – ST 311 Intro to Statistics	3
<b>ACA 122</b> – Free Elective	1	Social Sciences GEP Elective <sup>b</sup>	3
Total:	<b>15</b>	Total:	<b>16</b>
NC COMMUNITY COLLEGE SECOND YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
<b>CHM 151</b> – CH 101 & 102 General Chemistry & Lab	4	<b>PHY 110 &amp; 110A</b> – PY 131 Conceptual Physics	4
<b>HUM 110</b> – Interdisciplinary Perspectives GEP Elective	3	<b>GEL 111</b> – MEA 110 & 111 Geology	4
<b>ECO 251</b> – ARE 201 Intro to Agricultural and Resource Economics	3	Humanities GEP Elective <sup>a</sup>	3
Additional Breadth GEP Elective <sup>c</sup>	3	<b>POL 120 or POL 130</b> – Economics, Management and Policy Elective <sup>3</sup>	3
Free Electives <sup>d</sup>	4		
Total:	<b>17</b>	Total:	<b>14</b>
NC STATE UNIVERSITY JUNIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ALS 303 Transfer Transitions & Diversity	1	SSC 332 Environ. Soil Microbiology	3
CSSC 290 Professional Development in Plant and Soil Sciences	1	SSC 442 Soil & Environmental Biogeochemistry	3
Foundation Elective <sup>1</sup>	3	SSC 452 Soil Classification	4
CS 213 Crop Science	3	Economics, Management and Policy Elective <sup>3</sup>	3
CS 214 Crop Science Laboratory	1	Restricted Elective <sup>4</sup>	3
SSC 200 Soil Science	3	Physical Education/Healthy Living Elective	1
SSC 201 Soil Science Laboratory	1		
Physical Education/Healthy Living Elective	1		
Total:	<b>14</b>	Total:	<b>17</b>

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**NC STATE UNIVERSITY SENIOR YEAR**

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FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
SSC 341 Soil Fertility & Nutrient Management	3	SSC 342 Soil & Plant Nutrient Analysis	1
SSC 461 Soil Physical Properties & Plant Growth	3	Soil Science Elective <sup>2</sup>	6
Restricted Elective <sup>4</sup>	3	PB 321 Intro to Whole Plant Physiology	3
Experiential Learning Elective <sup>5</sup>	3	Restricted Elective <sup>4</sup>	6
ENG 331 Comm for Engineering & Technology or	3	CSSC 490 Senior Seminar	1
ENG 332 Comm for Business & Management or			
ENG 333 Comm for Science & Research			
Total:		Total:	
<b>15</b>		<b>17</b>	

**<sup>a</sup> Humanities GEP Electives**

A total of six credits from two different disciplines

<u>Community College Course</u>	<u>NC State Course Equivalent</u>
ENG 231 American Literature I	ENG 265
ENG 232 American Literature II	ENG 266
ENG 241 British Literature I	ENG 261
ENG 242 British Literature II	ENG 262
ENG 243 Major British Writers	ENG 251
PHI 215 Philosophical Issues	PHI 205
PHI 220 Western Philosophy I	PHI 300
PHI 240 Introduction to Ethics	PHI 221
REL 110 World Religions	REL 210
REL 211 Intro to Old Testament	REL 311
REL 212 Intro to New Testament	REL 312
SOC 250 Sociology of Religion	SOC 309

**<sup>b</sup> Social Sciences GEP Electives**

<u>Community College Course</u>	<u>NC State Course Equivalent</u>
HIS 111 World Civilizations I	HI 232
HIS 112 World Civilizations II	HI 233
HIS 131 American History I	HI 251
HIS 132 American History II	HI 252
POL 120 American Government	PS 201
POL 130 State & Local Government	PS 202
POL 210 Comparative Government	PS 241
POL 220 International Relations	PS 231
PSY 150 General Psychology	PSY 200
SOC 210 Introduction to Sociology	SOC 202

### **<sup>c</sup> Additional Breadth GEP Electives**

<u>Community College Course</u>	<u>NC State Course Equivalent</u>
ART 114 Art History Survey I	HA 201
ART 115 Art History Survey II	HA 202
ART 116 Survey of American Art	HA 203
ENG 231 American Literature I	ENG 265
ENG 232 American Literature II	ENG 266
ENG 241 British Literature I	ENG 261
ENG 242 British Literature II	ENG 262
ENG 243 Major British Writers	ENG 251
HIS 111 World Civilizations I	HI 232
HIS 112 World Civilizations II	HI 233
HIS 131 American History I	HI 251
HIS 132 American History II	HI 252
MUS 110 Music Appreciation	MUS 105
MUS 112 Introduction to Jazz	MUS 260
PHI 215 Philosophical Issues	PHI 205
PHI 220 Western Philosophy I	PHI 300
PHI 240 Introduction to Ethics	PHI 221
POL 120 American Government	PS 201
POL 130 State & Local Government	PS 202
POL 210 Comparative Government	PS 241
POL 220 International Relations	PS 231
PSY 150 General Psychology	PSY 200
REL 110 World Religions	REL 210
REL 211 Intro to Old Testament	REL 311
REL 212 Intro to New Testament	REL 312
SOC 210 Introduction to Sociology	SOC 202
SOC 250 Sociology of Religion	SOC 309

### **<sup>d</sup> Free Electives**

Any course that transfers to NC State University. Reference: [go.ncsu.edu/transfer-translator](http://go.ncsu.edu/transfer-translator)

### **Major/Program Footnotes:**

<sup>1</sup> Foundation Elective: Select from FW 221 or SSC 185.

<sup>2</sup> Soil Science Electives: Select from SSC 421, SSC 427, SSC 440, SSC 462, and SSC 470.

<sup>3</sup> Economics, Management and Policy Electives: Select from ACC 280, ARE 215, ARE 306, ARE 309, ARE 312, ARE 332, ARE 336, CS 418, NR 460, PS 201, PS 202, and PS 320.

<sup>4</sup> Restricted Electives: Select from AES 323, BAE 325, CS 200, CS 211, CS 216, CS 218, CS 224, CS 230, CS 312, CS 410, CS 411, CS 414, CS 415, CS 424, CS 430, ES 100, ES 150, ET 201, ET 202, ET 203, FOR 420, GIS 280, MEA 300, NR 300, NR 400, NR 421, SSC 410, and SSC 428.

<sup>5</sup> Experiential Learning Elective: Select from CSSC 492 or CSSC 493