

Natural Resources – Soil, Water, and Land Use

NC Community College Pathway for Bachelor of Science degree in Natural Resources
with a concentration in Soil, Water, and Land Use (11NATRLBS-11NATRLNRW)

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

NC COMMUNITY COLLEGE FIRST YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ENG 111 – ENG 101 Academic Writing and Research	3	ENG 112 – GEP Requirement	3
MAT 271 – Calculus I	4	MAT 272 – Calculus II	4
BIO 112 – BIO 181 Intro to Biology: Ecol, Evol, and Biodiversity	4	POL 120 or POL 130 – Economics, Management and Policy Elective ³	3
COM 120 or 231 – COM 110 Public Speaking or COM 112 Interpersonal Communications	3	Humanities GEP Elective ^a	3
ACA 122 – Free Elective	1	Social Sciences GEP Elective ^b	3
Total:	15	Total:	16

NC COMMUNITY COLLEGE SECOND YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
CHM 151 – CH 101 & 102 General Chemistry & Lab	4	PHY 110 & 110A – PY 131 Conceptual Physics	4
ECO 251 – ARE 201 Intro to Agricultural and Resource Economics	3	GEL 111 – MEA 110 & 111 Geology	4
HUM 110 – Interdisciplinary Perspectives GEP Elective	3	Humanities GEP Elective ^a	3
MAT 152 – ST 311 Intro to Statistics	3	Free Electives ^d	4
Additional Breadth GEP Elective ^c	3		
Total:	16	Total:	15

NC STATE UNIVERSITY JUNIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ALS 303 Transfer Transitions & Diversity	1	AEC 360 Ecology	4
CSSC 290 Professional Development in Plant and Soil Sciences	1	NR 300 Natural Resources Measurements	4
Foundation Elective ¹	3	SSC 452 Soil Classification	4
Geospatial Technologies Elective ⁴	3	Economics, Management and Policy Elective ³	3
Plant Science Elective ⁶	3	Physical Education/Healthy Living Elective	1
SSC 200 Soil Science	3		
SSC 201 Soil Science Laboratory	1		
Physical Education/Healthy Living Elective	1		
Total:	16	Total:	16

NC STATE UNIVERSITY SENIOR YEAR

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	Advanced Chemistry Elective ²	3
Water, Wetlands, and Ecology Elective ⁷	3	Land Use Elective ⁵	3
Land Use Elective ⁵	3	Water, Wetlands, and Ecology Elective ⁷	3
Experiential Learning Elective ⁵	3	Plant Science Elective ⁶	3
		CSSC 490 Senior Seminar	1
		ENG 331 Comm for Engineering & Technology or	3
		ENG 332 Comm for Business & Management or	
		ENG 333 Comm for Science & Research	
Total:		Total:	
15		17	

^a 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

^b 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

^c 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

^d Free Electives

Any course that transfers to NC State University. Reference: go.ncsu.edu/transfer-translator

Major/Program Footnotes:

¹ Foundation Elective: Select from ES 150, FW 221, or SSC 185.

² Advanced Chemistry Elective: Select from CH 201 AND CH 202; CH 220 AND CH 222; or SSC 442.

³ Economics, Management and Policy Electives: Select from ARE 215, ARE 306, ARE 309, ARE 312, ARE 332, ARE 336, CS 418, NR 460, PS 201, PS 202, or PS 320.

⁴ Geospatial Technologies Electives: Select from BAE 325, FOR 353, GIS 280, GIS 512, SSC 440, or SSC 545.

⁵ Land Use Electives: Select from MEA 300, MEA 481, NR 400, NR 484, NR 510, SSC 410, SSC 421, SSC 427, SSC 455, or SSC 462.

⁶ Plant Science Electives: Select from CS 213, CS 230, CS 312, FOR 220, FOR 339, FOR 252, PB 200, PB 220, or PB 321.

⁷ Water, Wetlands and Ecology Electives: Select from AEC 400, AEC 419, AES 323, FOR 260, NR 420, NR 420, SSC 332, or SSC 470.

⁸ Experiential Learning Elective: Select from CSSC 492 or CSSC 493