

Crop and Soil Sciences – Turfgrass Science

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

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 152 – ST 311 Intro to Statistics	3
BIO 112 – BIO 181 Intro to Biology: Ecol, Evol, and Biodiversity	4	BIO 111 – BIO 183 Intro. Biol: Cell. & Molec. Biol.	4
COM 120 or 231 – COM 110 Public Speaking or COM 112 Interpersonal Communications	3	CHM 151 – CH 101 & 102 General Chemistry & Lab	4
ACA 122 – Free Elective	1		
Total:	15	Total:	14

NC COMMUNITY COLLEGE SECOND YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
HUM 110 – Interdisciplinary Perspectives GEP Elective	3	CH 132 – CH 220 + 222 Organic Chemistry & Lab	4
ECO 251 – ARE 201 Intro to Agricultural and Resource Economics	3	PHY 110 & 110A – PY 131 Conceptual Physics	4
Additional Breadth GEP Elective ^c	3	BIO 120 – PB 200 Plant Life	4
Humanities GEP Elective ^a	3	Humanities GEP Elective ^a	3
Social Sciences GEP Elective ^b	3		
Total:	15	Total:	15

NC STATE UNIVERSITY JUNIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ALS 303 Transfer Transitions & Diversity	1	CS 211 Plant Genetics	3
CSSC 290 Professional Development in Plant and Soil Sciences	1	PB 321 Intro Whole Plant Physiology	3
CS 200 Intro to Turfgrass ¹	4	AEC 360 Intro to Ecology	4
HS 471 Landscape Ecosystem Management	4	Economics, Management and Policy Elective ²	3
SSC 200 Soil Science	3	SSC 341 Soil Fertility & Nutrient Management	3
SSC 201 Soil Science Laboratory	1		
Physical Education/Healthy Living Elective	1		
Total:	15	Total:	16

NC STATE UNIVERSITY SENIOR YEAR

FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
CS 414 Weed Science	4	CS 400 Turf Cultural Systems ¹	3
CS 465 Env. Issues in Turf Management ¹	3	CS 470 Adv. Turf Pest Management	2
SSC 342 Soil & Plant Nutrient Analysis	1	ENG 331 Comm for Engineering & Technology or ENG 332 Comm for Business & Management or ENG 333 Comm for Science & Research	3
SSC 461 Soil Physical Properties	3	GEP Interdisciplinary Perspective Elective ^G	3
PP 315 Principles of Plant Pathology	4	Physical Education/Healthy Living Elective Experiential Learning Elective ⁴	1 3
Total:		Total:	
15		15	

Minimum Credit Hours Required for Graduation * : **120**

^a Humanities GEP Electives

A total of six credits from two different disciplines

Community College Course	NC State Course Equivalent
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

Community College Course	NC State Course Equivalent
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 A grade of C- or better is required for CS 200, CS 400, and CS 465.

² Economics, Policy and Management Electives. Three credits from: ARE 215, ARE 301, ARE 304, ARE 306, ARE 309, ARE 312, ARE 332, BUS 225, BUS 320, BUS 340, BUS 420, CS 418, PS 320.

³ Experiential Learning Elective: Three credits from CSSC 492 or CSSC 493.