

STEAM Program: Two Semester Display for Plant and Soil Science/Soil Science

NCCC – Any North Carolina Community College

Fall Semester

NCCC Course Code	NCCC Course Title	Credit Hours	NCSU Equivalent Course Code	NCSU Equivalent Course Title
ENG 111	Writing & Inquiry	3	combines with ENG 105 at NCSU for ENG 101	Academic Writing and Research
BIO 111	General Biology I	4	BIO 183	Introductory Biology: Cellular and Molecular Biology
MAT 171 or MAT 263	Precalculus or Brief Calculus	4	MA 107 + MA 1** or MA 121 + MA 1**	Precalculus or Elements of Calculus + 100-Level Math Elective
	GEP Elective ¹	3		GEP Elective ¹
	PE Elective ²	1-2		PE Elective ²
	Total Hours	15-16		

Spring Semester

NCCC Course Code	NCCC Course Title	Credit Hours	NCSU Equivalent Course Code	NCSU Equivalent Course Title
BIO 112	General Biology II	4	BIO 181	Introductory Biology: Ecology, Evolution, and Biodiversity
CHM 151	General Chemistry I	4	CH 101 and 102	Chemistry: A Molecular Science
MAT 263 or MAT 152	Brief Calculus or Statistical Methods I	4	MA 121 + MA 1** or ST 311 + TR ***	Elements of Calculus + 100-Level Math Elective or Introduction to Statistics + Free Elective
COM 231 or 120	Public Speaking or Interpersonal Comm.	3	COM 110 or COM 112	Public Speaking or Interpersonal Communication
	Total:	15		

1. General Education Program (GEP) elective. Course options include humanities (history, philosophy, religion, literature) and social science (anthropology, psychology, sociology, political science) courses. Work with the STEAM coordinator to ensure your course will transfer to NCSU. If possible, this course should fulfill the Global Knowledge co-requisite.
2. Physical Education elective. Work with the STEAM coordinator to ensure your course will transfer to NCSU.