

STEAM Program: Two Semester Display for Natural Resources/Soil and Water Systems and  
Natural Resources/Soil Resources

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 175 or MAT 271	Precalculus or Calculus I	4	MA 111 or MA 141	Precalculus or Calculus I
	GEP Elective <sup>1</sup>	3		GEP Elective <sup>1</sup>
	PE Elective <sup>2</sup>	1-2		PE Elective <sup>2</sup>
	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 271 or MAT 272	Calculus I or Calculus II	4	MA 141 or MA 241	Calculus I or Calculus II
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.