

STEAM Program: Two Semester Display for Horticultural 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 from 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 175	Precalculus	4	MA 107 + MA 1** or MA 111 + MA 1**	Precalculus + 100-Level Math Elective
COM 231 or 120	Public Speaking or Interpersonal Communication	3	COM 110 or COM 112	Public Speaking or Interpersonal Communication
	PE Elective ¹	1-2		PE Elective ¹
	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
	Math Course ²	4		Math Course ²
	GEP Elective ³	3		GEP Elective ³
	Total:	15		

1. Physical Education elective. Work with the STEAM coordinator to ensure your course will transfer to NCSU.
2. Work with the STEAM Coordinator to select the best math course for you and your career goals. Most students will take MAT 263 (Brief Calculus).
3. 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.