

STEAM Program: Two Semester Display for Plant and Soil Science/Crop Biotechnology
 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 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 |
| MAT 271 or MAT 272 | Calculus I or Calculus II | 4 | MA 141 or MA 241 | Calculus I or Calculus II |
| CHM 151 | General Chemistry I | 4 | CH 101 and 102 | Chemistry: A Molecular Science |
| | GEP Elective ¹ | 3 | | GEP Elective ¹ |
| | 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.