



Guaranteed Paid Internship Program List of program specified courses

GPIP candidates must take both required courses for their major during their Freshman year and receive a grade of A or B in order to qualify for a guaranteed internship.

Major	Two required program course
Biomedical Engineering	<i>BME 101: Introduction to Biomedical engineering</i> <i>CS 109: C/C ++ Programming for Engineers with MatLab</i>
Chemical Engineering	<i>CHEM 122 & 123: General Chemistry I</i> <i>CS 109: C/C ++ Programming for Engineers with MatLab</i>
Civil, Materials, and Environmental Engineering	<i>Physics 141: General Physics I</i> <i>CS 109: Programming or CME 297: Drawing & Design</i>
Computer Science and Computer Science + Design	<i>CS 111: Program Design I</i> <i>CS 141: Program Design II</i>
Computer Engineering	<i>ECE 115: Introduction to Electrical and Computer Engineering</i> <i>CS 107: Introduction to Computing and Programming</i>
Data Science	<i>CS 111: Program Design I</i> <i>CS 141: Program Design II</i>
Electrical Engineering	<i>ECE 115: Introduction to Electrical and Computer Engineering</i> <i>CS 107: Introduction to Computing and Programming</i>
Engineering Physics	<i>ECE 115: Introduction to Electrical and Computer Engineering</i> <i>CS 107: Introduction to Computing and Programming</i>
Engineering Management	<i>Physics 141: General Physics I</i> <i>Econ 120: Principles of Microeconomics</i>
Industrial Engineering	<i>Physics 141: General Physics I</i> <i>ME 250: Engineering Graphics and Design</i>
Mechanical Engineering	<i>Physics 141: General Physics I</i> <i>ME 250: Engineering Graphics and Design</i>

Note: Most first year College of Engineering students will also take additional engineering-related courses depending on their placement and program.