



VANDERBILT School of Engineering

Four-Year Roadmap and Checklist ENGINEERING SCIENCE 121 hours

To be eligible for graduation, a student must have a minimum GPA of a 2.0 for cumulative courses, courses in the School of Engineering and major courses.

Year 1	
<u>Semester 1</u>	<u>Semester 2</u>
___(4 hours) CHEM 1601+1601L	___(3 hours) Liberal Arts Core
___(4 hours) MATH 1300	___(4 hours) MATH 1301
___(3 hours) ES 1401-1403	___(4 hours) Basic Science
___(3 hours) Liberal Arts Core	___(3 hours) CS 1100 or CS 1101 or CS 1103
___Total: 14 hours	___Total: 14 hours
Year 2	
<u>Semester 3</u>	<u>Semester 4</u>
___(4 hours) Basic Science	___(4 hours) Basic Science
___(3 hours) ES 2100W	___(3 hours) Math Elective
___(3 hours) MATH 2300	___(3 hours) Engineering Core
___(3 hours) Engineering Core	___(3 hours) Engineering Elective
___(3 hours) Liberal Arts Core	___(3 hours) Open Elective
___Total: 16 hours	___Total: 16 hours
Year 3	
<u>Semester 5</u>	<u>Semester 6</u>
___(3 hours) Engineering Core	___(3 hours) ENGM 3700
___(3 hours) Engineering Core	___(3 hours) Program Concentration*
___(3 hours) Program Concentration*	___(3 hours) Program Concentration*
___(3 hours) Program Concentration*	___(3 hours) Engineering Elective
___(3 hours) Liberal Arts Core	___(3 hours) Liberal Arts Core
___Total: 15 hours	___Total: 15 hours
Year 4	
<u>Semester 7</u>	<u>Semester 8</u>
___(3 hours) Engineering Elective	___(3 hours) Engineering Elective
___(1 hours) ES 4959	___(3 hours) Engineering Elective
___(3 hours) Program Concentration*	___(3 hours) ES 4951
___(3 hours) Program Concentration*	___(3 hours) Program Concentration*
___(3 hours) Liberal Arts Core	___(3 hours) Program Concentration*
___(3 hours) Open Elective	
___Total: 16 hours	___Total: 15 hours

*Program concentration (24 hours): To be selected to provide a meaningful sequence of courses. Coursework must be planned in advance and approved by the faculty adviser.