



VANDERBILT School of Engineering

Four-Year Roadmap and Checklist BIOMEDICAL ENGINEERING 127 hours

To be eligible for graduation, a student must have passed all required courses, including the technical electives, and shall have earned a minimum average grade of C in (a) all courses taken, (b) courses taken within the School of Engineering, and (c) department courses of each major.

Year 1	
Semester 1	Semester 2
___(4 hours) CHEM 1601+1601L	___(4 hours) CHEM 1602+1602L
___(4 hours) MATH 1300	___(4 hours) MATH 1301
___(3 hours) ES 1401-1403	___(4 hours) PHYS 1601+1601L
___(3 hours) Liberal Arts Core	___(3 hours) CS 1101 or CS 1103
___Total: 14 hours	___Total: 15 hours
Year 2	
Semester 3	Semester 4
___(4 hours) BSCI 1510+1510L	___(3 hours) BME 2100
___(3 hours) BME 2301	___(3 hours) BME 2302
___(3 hours) MATH 2300	___(3 hours) BME 2400
___(4 hours) PHYS 1602+1602L	___(1 hours) BME 2900W
___(3 hours) Liberal Arts Core	___(3 hours) ECE 2112
___Total: 17 hours	___(4 hours) MATH 2400
___Total: 17 hours	___Total: 17 hours
Year 3	
Semester 5	Semester 6
___(3 hours) BME 3000	___(4 hours) BME 3302
___(4 hours) BME 3301	___(3 hours) BME 3500
___(3 hours) BME 3400	___(3 hours) Elective*
___(1 hours) BME 3900W	___(3 hours) Elective*
___(3 hours) Elective*	___(3 hours) Liberal Arts Core
___(3 hours) Liberal Arts Core	
___Total: 17 hours	___Total: 16 hours
Year 4	
Semester 7	Semester 8
___(1 hours) BME 4901W	___(3 hours) BME 4951
___(2 hours) BME 4950	___(3 hours) Elective*
___(1 hours) BME 4959	___(3 hours) Elective*
___(3 hours) Elective*	___(3 hours) Liberal Arts Core
___(3 hours) Elective*	___(3 hours) Open Elective
___(3 hours) Liberal Arts Core	
___(3 hours) Open Elective	
___Total: 16 hours	___Total: 15 hours

*Can be counted towards satisfying program electives (12) or technical electives (9)

Note: [The VU Undergraduate Catalog](#) is the definitive source for all degree requirements. If there are differences between this document and the catalog, then the catalog will prevail.