



# 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 1100 or CS 1101 or <b>CS 1103</b>
___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
		___(4 hours)	MATH 2400
___Total: 17 hours		___Total: 17 hours	
Year 3			
Semester 5		Semester 6	
___(3 hours)	BME 3000	___(4 hours)	BME 3302+3302L
___(4 hours)	BME 3301+3301L	___(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.