



# VANDERBILT School of Engineering

## Four-Year Roadmap and Checklist CHEMICAL ENGINEERING 125 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			
<u>Semester 1</u>		<u>Semester 2</u>	
___(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 1101 or 1103
___Total: 14 hours		___Total: 15 hours	
Year 2			
<u>Semester 3</u>		<u>Semester 4</u>	
___(4 hours)	CHEM 2221+2221L	___(4 hours)	CHEM 2222+2222L
___(3 hours)	MATH 2300	___(3 hours)	MATH 2420
___(4 hours)	PHYS 1602+1602L	___(3 hours)	CHBE 2200
___(3 hours)	CHBE 2100	___(3 hours)	CHBE 2250
___(3 hours)	Liberal Arts Core	___(1 hours)	CHBE 2900W
		___(3 hours)	Liberal Arts Core
___Total: 17 hours		___Total: 17 hours	
Year 3			
<u>Semester 5</u>		<u>Semester 6</u>	
___(3 hours)	CHBE 3200	___(3 hours)	CHBE 3250
___(3 hours)	CHBE 3300	___(3 hours)	CHBE 3350
___(3 hours)	CHBE 3600	___(3 hours)	CHBE 3900W
___(3 hours)	Statistics Elective	___(3 hours)	CHBE 4500
___(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)	CHBE 4900W	___(3 hours)	CHBE 4951W
___(4 hours)	CHBE 4950W	___(3 hours)	CHBE Program Elective
___(1 hours)	CHBE 4959	___(3 hours)	Liberal Arts Core
___(3 hours)	CHBE Program Elective	___(3 hours)	Technical Elective*
___(3 hours)	Technical Elective*	___(3 hours)	Open Elective
___(3 hours)	Open Elective		
___Total: 17 hours		___Total: 15 hours	

\*At least 3 hours must be selected from BSCI 2201, 2520; CHEM 3300, 3310; ENVE 4600 or CHBE courses numbered 4200 and above.

**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.