



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
___Total: 17 hours	___(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.**