



# VANDERBILT School of Engineering

## Four-Year Roadmap and Checklist COMPUTER SCIENCE 120 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)	Basic Science	___(4 hours)	Basic Science
___(4 hours)	MATH 1300	___(4 hours)	MATH 1301
___(3 hours)	ES 1401-1403	___(3 hours)	CS 1101
___(3 hours)	Open Elective	___(3 hours)	Liberal Arts Core
___Total: 14 hours		___Total: 14 hours	
Year 2			
<u>Semester 3</u>		<u>Semester 4</u>	
___(4 hours)	Basic Science	___(3 hours)	MATH 2300
___(3 hours)	CS/ECE 2201	___(4 hours)	CS/ECE 2281+CS/ECE 2281L
___(3 hours)	CS 2212	___(3 hours)	CS/ECE 3251
___(3 hours)	Open Elective	___(3 hours)	Liberal Arts Core – CS 1151
___(3 hours)	Open Elective	___(3 hours)	Open Elective
___Total: 16 hours		___Total: 16 hours	
Year 3			
<u>Semester 5</u>		<u>Semester 6</u>	
___(3 hours)	MATH 2820	___(3 hours)	MATH 2410
___(3 hours)	CS 3270	___(3 hours)	CS 3250
___(3 hours)	CS 3281	___(3 hours)	CS Depth
___(3 hours)	Liberal Arts Core	___(3 hours)	Liberal Arts Core
___(2 hours)	Open Elective	___(3 hours)	Open Elective – ES 2100W
___Total: 14 hours		___Total: 15 hours	
Year 4			
<u>Semester 7</u>		<u>Semester 8</u>	
___(1 hours)	CS 4959	___(3 hours)	Computer Science Project
___(3 hours)	CS Depth	___(3 hours)	CS Depth
___(3 hours)	CS Depth	___(3 hours)	Technical Elective
___(3 hours)	CS Depth	___(3 hours)	Liberal Arts Core
___(3 hours)	Technical Elective	___(3 hours)	Open Elective
___(3 hours)	Liberal Arts Core		
___Total: 16 hours		___Total: 15 hours	

**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.