



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 2201 | ___(4 hours) CS 2281+CS 2281L |
| ___(3 hours) CS 2212 | ___(3 hours) CS 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.