



VANDERBILT School of Engineering

Four-Year Roadmap and Checklist ENGINEERING SCIENCE 122 hours

To be eligible for graduation, a student must have a minimum GPA of a 2.0 for cumulative courses, courses in the School of Engineering and major courses.

| Year 1 | | | |
|--------------------|------------------------|--------------------|----------------------------------|
| <u>Semester 1</u> | | <u>Semester 2</u> | |
| ___(4 hours) | CHEM 1601+1601L | ___(3 hours) | Liberal Arts Core |
| ___(4 hours) | MATH 1300 | ___(4 hours) | MATH 1301 |
| ___(3 hours) | ES 1401-1403 | ___(4 hours) | Basic Science |
| ___(3 hours) | Liberal Arts Core | ___(3 hours) | CS/DS 1100 or CS 1101 or CS 1103 |
| ___Total: 14 hours | | ___Total: 14 hours | |
| Year 2 | | | |
| <u>Semester 3</u> | | <u>Semester 4</u> | |
| ___(4 hours) | Basic Science | ___(4 hours) | Basic Science |
| ___(3 hours) | ES 2100W | ___(3 hours) | Math Elective |
| ___(3 hours) | MATH 2300 | ___(3 hours) | Engineering Core |
| ___(3 hours) | Engineering Core | ___(3 hours) | Engineering Elective |
| ___(3 hours) | Liberal Arts Core | ___(3 hours) | Open Elective |
| ___Total: 16 hours | | ___Total: 16 hours | |
| Year 3 | | | |
| <u>Semester 5</u> | | <u>Semester 6</u> | |
| ___(3 hours) | Engineering Core | ___(3 hours) | ENGM 3700 |
| ___(3 hours) | Engineering Core | ___(3 hours) | Program Concentration* |
| ___(3 hours) | Program Concentration* | ___(3 hours) | Program Concentration* |
| ___(3 hours) | Program Concentration* | ___(3 hours) | Engineering Elective |
| ___(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) | Engineering Elective | ___(3 hours) | Engineering Elective |
| ___(1 hours) | ES 4950 | ___(3 hours) | Engineering Elective |
| ___(1 hours) | ES 4959 | ___(3 hours) | ES 4951 |
| ___(3 hours) | Program Concentration* | ___(3 hours) | Program Concentration* |
| ___(3 hours) | Program Concentration* | ___(3 hours) | Program Concentration* |
| ___(3 hours) | Liberal Arts Core | | |
| ___(3 hours) | Open Elective | | |
| ___Total: 17 hours | | ___Total: 15 hours | |

*Program concentration (24 hours): To be selected to provide a meaningful sequence of courses. Coursework must be planned in advance and approved by the faculty adviser.

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.