



VANDERBILT School of Engineering

Four-Year Roadmap and Checklist MECHANICAL ENGINEERING 126 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.

| Semester 1 | | Year 1 | Semester 2 | |
|--------------------|-------------------|--------|--------------------|--|
| ___(4 hours) | CHEM 1601+1601L | | ___(4 hours) | MSE 1500+1500L or CHEM 1602/L |
| ___(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/DS 1100 or CS 1101 or CS 1103 |
| ___Total: 14 hours | | | ___Total: 15 hours | |

| Semester 3 | | Year 2 | Semester 4 | |
|--------------------|-------------------|--------|--------------------|-------------------|
| ___(3 hours) | ME 2160 | | ___(3 hours) | MATH 2420 |
| ___(3 hours) | MATH 2300 | | ___(2 hours) | ME 2171 |
| ___(4 hours) | PHYS 1602+1602L | | ___(3 hours) | ME 2190 |
| ___(3 hours) | CE 2200 | | ___(3 hours) | ME 2220 |
| ___(3 hours) | Liberal Arts Core | | ___(3 hours) | ECE 2112 |
| | | | ___(3 hours) | Liberal Arts Core |
| ___Total: 16 hours | | | ___Total: 17 hours | |

| Semester 5 | | Year 3 | Semester 6 | |
|--------------------|-------------------|--------|--------------------|---------------|
| ___(3 hours) | ME 3202 | | ___(3 hours) | ME 3204 |
| ___(3 hours) | ME 3224 | | ___(3 hours) | ME 3248 |
| ___(4 hours) | ME 3234 | | ___(3 hours) | ME Elective |
| ___(3 hours) | CE 2205 | | ___(3 hours) | Open Elective |
| ___(1 hours) | MSE 2205 | | ___(3 hours) | Math Elective |
| ___(3 hours) | Liberal Arts Core | | | |
| ___Total: 17 hours | | | ___Total: 15 hours | |

| Semester 7 | | Year 4 | Semester 8 | |
|--------------------|--------------------|--------|--------------------|--------------------|
| ___(2 hours) | ME 4213 | | ___(3 hours) | ME 4951 |
| ___(2 hours) | ME 4950 | | ___(3 hours) | ME Elective |
| ___(1 hours) | ME 4959 | | ___(3 hours) | Liberal Arts Core |
| ___(3 hours) | ME Elective | | ___(3 hours) | Technical Elective |
| ___(3 hours) | Liberal Arts Core | | ___(3 hours) | Open Elective |
| ___(3 hours) | Technical Elective | | | |
| ___(3 hours) | Technical Elective | | | |
| ___Total: 17 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.