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| **First Year (31 cr.)** | | | | | | | | | | |
| **Semester 1 (16 cr.)** | | | | | **Semester 2 (15 cr.)** | | | | | |
| 1 | | TSM 110 | | Introduction to Technology (F) | 1 | | TSM 111 | | Experiencing Technology (S) | |
| 3 | | TSM 116 | | Design in Technology (FS) | 3 | | TSM 115 | | Solving Technology Problems (FS) | |
| 3 | | ENGL 150 | | Crit. Think. and Comm.(FSSS) | 4 | | MATH 160 | | Survey of Calculus (FSSS) | |
| 1 | | Lib 160 | | Library Instruction (FSSS) | 4 | | PHYS 111 | | General Physics and Lab (FSSS) | |
| 3 | | MATH 142 | | Trigonometry and Geometry (FSSS) | 3 | | Biol 101 or | | Life Science Biology Requirement (FSSS) | |
| 4 | | CHEM 163 | | College Chemistry |  | | 211 | |  | |
| 1 | | CHEM 163L | | Lab in College Chemistry |  | |  | |  | |
| **Second Year (31 cr.)** | | | | | | | | | | | | |
| **Semester 3 (17 cr.)** | | | | | | | **Semester 4 (14 cr.)** | | | | | |
| 1 | | TSM 201 | | Preparing for Workplace Seminar (FS) | | | 3 | | ENGL 250 | | Writ/Oral/Vis/Elec Composition (FSSS) | |
| 3 | | TSM 210 | | Fundamentals of Technology (FS) | | | 3 | | STAT 104 | | Introduction to Statistics (FSSS) | |
| 3 | | TSM 240 | | Intro to Manufacturing Processes (FS) | | | 2 | | TSM 371 | | Occupational Safety Management (S) | |
| 3 | | TSM 270 | | Principles of Injury Prevention (F) | | | 3 | | Biol 155 | | Human Biology | |
| 4 | | PHYS 112 | | General Physics (FSSS) | | | 3 | |  | | Speech Communication - See list (FSSS) | |
| 3 | | Econ 101 | | Principles of Microeconomics (FSSS) | | |  | |  | |  | |

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| **Third Year (34 cr.)** | | | | | |
| **Semester 5 (16 cr.)** | | | **Semester 6 (18 cr.)** | | |
| 3 | TSM 376 | Fire Protection and Prevention (E-F) | 3 | TSM 310 | Total Quality Improvement (S) |
| 3 |  | US Diversity - See list (FSSS) | 3 | I E 271 | Applied Ergonomics and Work Design (S) |
| 4 | TSM 363 | Electric Power and Electronics for Agriculture and Industry (F) | 3 |  | International Perspective - See list (FSSS) |
| 3 |  | Electives | 3 | ACCT 284 | Financial Accounting (FSSS) |
| 3 | TSM 372 | Legal Aspects of Occupational Safety and Health (O-F) | 3 | ENGL | English - See list (FSSS) |
|  |  |  | 3 |  | Humanities - See list (FSSS) |

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| **Summer - R** | **TSM 397** | **Internship in Technology (FSSS)** |

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| **Fourth Year (33 cr.)** | | | | | |
| **Semester 7 (17 cr.)** | | | **Semester 8 (16 cr.)** | | |
| 2 | HS 105 | First Aid Emergency Care (FS) | 3 | TSM 370 | Occupational Safety (S) [Double counts as Ethics requirement] |
| 2 |  | Elective | 3 | TSM 416 | Technology Capstone II (FS) |
| 3 | TSM 415 | Technology Capstone I (FS) | 3 | TSM 470 | Industrial Hygiene: Physical, Chemical, and Biological Hazards (E-S) |
| 2 | TSM 399 | Work Experience in Technology (FSSS) | 1 | TSM 471 | Safety Laboratory (even S) |
| 3 | TSM 477 | Risk Analysis and Management (E-F) | 3 |  | Business Core - See list (FSSS) |
| 5 |  | Technical Elective - See list (FSSS) | 3 |  | Technical Elective - See list (FSSS) |
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|  | | | | | |
| **See list - Speak with an academic advisor for options for each list.** | | | | | |

**Courses offered every three semesters:**

**TSM 372 – odd years, Fall only (Fall 2013, Fall 2015, etc.)**

**TSM 376 – even years, Fall only (Fall 2012, Fall 2014, etc.)**

**TSM 470 – even years, Spring only (Spring 2014, Spring 2016, etc.)**

**TSM 477 – even years, Fall only (Fall 2012, Fall 2014, etc.)**