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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.)**