

# ENGINEERING AND TECHNOLOGY MANAGEMENT, MS

**Requirements for Students Matriculating in or before Academic Year 2024-2025.** Learn more about Graduate College Academic Regulation 7.0 (<http://catalog.okstate.edu/graduate-college/#70>).

**Total Hours:** 32

| Code                                | Title   | Hours    |
|-------------------------------------|---|----------|
| <b>Degree Core</b>                  |   |          |
| ETM 5111                            | Introduction to Strategy, Technology and Integration                | 1        |
| ETM 5511                            | Capstone Preparation  | 1        |
| ETM 5133                            | Capstone to Strategy, Technology and Integration                    | 3        |
| ETM 5143                            | Strategic Decision Analysis for Engineering and Technology Managers | 3        |
| <b>Hours Subtotal</b>               |   | <b>8</b> |
| <b>Electives</b>                    |   |          |
| Select 24 hours from the following: |   | 24       |
| ETM 5221                            | Engineering Teaming   |          |
| ETM 5241                            | Strategic Project Management  |          |
| ETM 5291                            | Failure Mode and Effects Analysis in Design                         |          |
| ETM 5341                            | Leadership Strategies for Technical Professionals                   |          |
| ETM 5351                            | Planning Technical Projects   |          |
| ETM 5371                            | Ethics for Practicing Engineers                                     |          |
| ETM 5391                            | New Product Introduction and Commercialization                      |          |
| ETM 5411                            | Engineering Economic Analysis                                       |          |
| ETM 5461                            | Intellectual Property Management                                    |          |
| ETM 5481                            | Sustainable Enterprise Strategies                                   |          |
| ETM 5531                            | Contract Law in Engineering and Technology                          |          |
| ETM 5153                            | Foundations of Engineering Management                               |          |
| ETM 5163                            | Business Innovation and Technology                                  |          |
| ETM 5253                            | Engineering Problem Solving and Decision-Making                     |          |
| ETM 5283                            | Strategic Planning  |          |
| ETM 5943                            | Lean Sigma Implementation   |          |
| IEM 5413                            | Engineering Entrepreneurship  |          |
| IEM 5603                            | Project Management  |          |
| IEM 5743                            | Information Systems and Technology                                  |          |
| IEM 5763                            | Supply Chain Strategy   |          |
| IEM 5813                            | Performance Measurement Systems                                     |          |
| MGMT 5113                           | Individual and Organizational Behavior                              |          |
| MGMT 5533                           | Leadership Challenges   |          |
| MKTG 5133                           | Marketing Management  |          |
| SOC 5813                            | Myths and Realities of Organizational Change                        |          |

|                       |           |
|-----------------------|-----------|
| <b>Hours Subtotal</b> | <b>24</b> |
| <b>Total Hours</b>    | <b>32</b> |

## Graduate College Master's Program Requirements

Learn more about Graduate College 2024-2025 Master's Degree Program Requirements (<http://catalog.okstate.edu/graduate-college/>). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.