Degree Requirements

MS Tech in Technology (Management of Technology)

Ira A. Fulton Schools of Engineering
Arizona State University

The MS Tech in Technology (Management of Technology) requires a minimum of 33 credit hours. These credit hours must reflect the following coursework:

33 credit hours and a portfolio, or
33 credit hours including the required Applied Project course (TMC 593)

Coursework

Required Core Courses (15 credit hours)*

OMT 520 Strategic Management of Technology (3)
OMT 570 Advanced Project Management (3)
TEM 531 Disruptive Innovation and Technological Evolution (3)
TEM 501 Technological Entrepreneurship (3) OR FSE 501 Technological Entrepreneurship (3)
TEM 505 Data-Driven Decision Making (3)

Elective Courses (15-18 credit hours)

Your program faculty highly recommended the following elective courses
TEM 598 Transforming Information to Meaning (3)
IVD 525 Fundamentals of Entrepreneurship Leadership (3) *override required*
OGL 575 Quantitative Data Analysis

Additional elective options include:
Pick 3 or 4 courses from one of the suggested tracks on page 2. Number of electives will vary dependent on culminating experience option.

Culminating Experience (0-3 credits)

Select one (1) culminating experience:
Portfolio (0 credits)
TMC 593 Applied Project (3)**

**Courses are subject to change and are not typically offered every semester. See program website, graduate advising, or department with questions.*

***TMC 593 must be taken in the last semester.*

Elective Track Options:*

Pick 3 or 4 courses from one of the following suggested tracks, dependent upon culminating experience selection.

TMC 584 Internship (3) is also an option to fulfill an elective course.

Option #1: Entrepreneurship and Innovation

- TEM 598 Social Entrepreneurship
- TEM598 Global Impact Entrepreneurship
- TEM 598 Digital Promotion of the Enterprise
- TEM 598 Venture Valuation and Financing
- IVD 630 Scaling Entrepreneurial Leadership

Option #2: Interdisciplinary Data Science

- IEE 577 Data Science System Decision Analytics
- IEE 520 Stat Learning for Data Mining
- IEE 572 Design of Engineering Experiments
- TGM 557 Global Marketing and Data Analytics

Option #3: Sustainable Enterprises

- TMC 410 Enterprise Operations
- SOS 514 Human Dimensions of Sustainability
- SOS 516 Science, Technology, and Public Affairs
- SOS 517 Sustainability and Enterprise
- GTD 501 Global Technology and Development

Option #4: Social Innovation

- TEM 598 Social Innovation Startup Lab
- PIT 501 Principles of Public Interest Technology
- PIT 502 Co-Designing the Future
- PIT 503 Technology Impact Assessments
- PIT 504 Public Engagement Strategies
- SOS 516 Science, Technology, and Public Affairs

Option #5: Enterprise Logistics

- TMC 598 Advanced Enterprise Operations
- IEE 534 Supply Chain Modeling and Analysis
- IEE 577 Data Science System Decision Analytics
- IEE 535 Intro International Logistic Systems
- IEE 574 Applied Deterministic Operations Research

Option #6: Advanced Technology

- Any approved Engineering, Physical or Biological Science, or Advanced Computing courses (Must be 400-500 level courses)

Option #7: General Management and Operations Electives

Choose any 3 TEM, OMT, TMC, FSE, IEE, or GTD electives from the approved list.

**** Some courses require instructor approval and may have additional prerequisites. We cannot guarantee that you will receive an override for all listed courses.***