



Approved Elective Courses and Minor/Certificate Options
for the
Master of Science Degree in Technology Management (MS TMGT)
effective Fall 2025

Twelve semester hours (four courses) chosen from the following:

Priority elective recommendations for TMGT Majors...

- [TMGT 513](#) Knowledge Management in Engineering & Technology Organizations
 - [TMGT 517](#) Vendor & Value Chain Management
 - [TMGT 590](#) Technology Management Seminar
 - [TMGT 597](#) Special Topics (May take multiple times for credit when topics vary.)
- or other Master's-level non-core TMGT courses.

Alternative elective options for TMGT Majors, if priority electives are not appropriate for schedule or a Minor or Certificate option is not selected...

- [CSCI 5--](#) Any Master's-level CSCI courses, up to four, excluding 505, 507, 518, 589, & 595
(If pre-requisites are identified, you can request permission from the section instructor.)
- [ACCT 501](#) Accounting for Managers
- [BUSA 542](#) Applied Decision Modeling
- [ECO 501](#) Economics for Decision Makers
- [ECO 502](#) Quantitative Analysis for Managers
- [FIN 501](#) Finance for Decision Makers
- [FIN 504](#) Financial Management
- [MGT 501](#) Foundations of Management
- [MGT 581](#) Entrepreneurship
- [MKT 501](#) Marketing Environment
- [PSY 594](#) Ethical Issues in Organizations (formerly BA 530)

TMGT Majors are officially approved to take any of the elective courses identified in the above list. Alternately, majors can choose to pursue an official Minor or Certificate from the following:

Accounting & Finance – [Finance Minor](#) (select 12 SCH)
Accounting & Finance – [Financial Planning Minor](#) (select 12 SCH)
Accounting & Finance – [Real Estate Minor](#) (specified 12 SCH)
[Computer Science](#) Concentration (12 SCH of Master's-level CSCI courses, excluding CSCI 505, 507, 518, 589, & 595)
Educational Technology – [Educational Technology Minor](#) (select 12 SCH)
Management – [Corporate Management Minor](#) (select 12 SCH)
Management – [Economics Minor](#) (select 12 SCH)
Management – [Economics of US Healthcare Minor](#) (select 12 SCH)
Marketing & Business Analytics – [Business Analytics Minor](#) (select 12 SCH)
Marketing & Business Analytics – [Cyber Security Minor](#) (select 12 SCH)
Marketing & Business Analytics – [Digital Marketing Minor](#) (select 12 SCH)
Marketing & Business Analytics – [Marketing Analytics Minor](#) (select 12 SCH)
Mathematics – [Applied Mathematics Minor](#) (select 12 SCH)
Physics – [Physics Minor](#) (select 12 SCH)

[Graduate Certificate in Operational Excellence](#)

or other relevant curriculum block as pre-approved by MS-TMGT Program Advisory Committee.

These options permit students to declare an approved Minor or Certificate Program as the Elective course block on the TMGT M.S. degree. Pursuit of one of these options requires prior coordination with, and approval from, the program advisor, the program offering the option, and the Graduate School. Note that some courses offered as a minor requirement may not be offered in an on-line format or as part of a frequent rotation, depending on the program. If you are interested in utilizing one of these Minor, Certificate, or Concentration blocks as your Elective block, contact the TMGT MS Program Advisor to discuss your options. Do not fill out the blank Minor Request form provided on the website. Your advisor has form templates with the appropriate, pre-approved courses for each minor already entered and ready to complete and submit.