

Fast-Track Bachelors + Masters Technology Management

The Fast-Track Bachelors + Masters degree program allows qualifying undergraduate students in the Technology Management program to begin coursework towards the Master of Science in Technology Management program during their senior year at East Texas A&M University. Students can earn a B.S. and M.S. degree in five years upon completion of degree requirements for both degrees. For this Fast-Track Bachelors + Masters program, 6 credits of graduate coursework can be applied to both the BS and MS degrees. To be admitted to the Fast-Track Bachelors + Masters program in Technology Management, the candidate must be a Technology Management major with an overall Undergraduate GPA of 3.00.

Core Curriculum Courses

See the Core Curriculum Requirements (<https://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

Required courses in the major

ENGR 110	Introduction to Engineering and Technology	3
ENGR 1304	Computer-Aided Design (CAD)	3
ENGR 113	Product Design and Development	3
ENGR 2304	Computing for Engineers	3
ENGR 2308	Engineering Economic Analysis	3
TMGT 240	Quality in Technology Management	3
TMGT 303	Technical Communications	3
TMGT 340	Managerial Statistics	3
TMGT 311	Environmental and Safety Management	3
TMGT 335	Managing Sustainability	3
TMGT 350	Principles of Technology Management	4
TMGT 351	Organizational Behavior	3
TMGT 352	Principles of Cost Engineering	3
TMGT 411	Risk Management	3
TMGT 444	Decision Theory	3
TMGT 455	Project Planning & Scheduling	3
TMGT 456	Value Chain Control & Management	3
TMGT 458	Project Management	3
TMGT 471	Technology Management Capstone Project	4

Required Support Courses

ACCT 2301	Principles of Acct I	3
MGT 301	Legal Environment of Business	3
ECO 2301 or ECO 2302	Prin Macro Economics ^{(3 sh)*} Principles of Micro Economics	
COSC 1436	Introduction to Computer Science and Programming	4
MATH 2312	Pre-Calculus	3
MATH 2413	Calculus I ^{(4 sch)*}	
PHYS 1401	College Physics I ^{(4 sch)*}	
PHYS 1402	College Physics II ^{(4 sch)*}	

Graduate Core Courses

TMGT 512A	Leadership in Engineering and Technology	3
TMGT 595A	Applied Research in Engineering & Technology	3

Total Hours 120

* This course will satisfy the Core Curriculum Requirements (<https://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) in Natural Sciences and Mathematics.

A grade of "C" or higher must be earned in all courses in this Major.

Master of Science in Technology Management (Fast-Track BS - MS) - Non-Thesis

The BS-MS Fast-Track degree program allows undergraduate students in the Technology Management program to begin coursework towards the non-thesis option of the Master of Science in Technology Management program during their senior year at East Texas A&M University. Students can earn a B.S. and M.S. degree in five years upon completion of degree requirements for both degrees. For this accelerated program, 6 credits of graduate coursework can be applied to both the BS and MS degrees. Once admitted, the BS/MS candidate must maintain a 3.25 Undergraduate GPA. In the final semester of the student's undergraduate program, a new online Apply Texas Application for the master's Fast-Track program must be submitted to gain admission and continue taking classes to complete the master's program.

Research (3 semester hours)		
TMGT 595A	Applied Research in Engineering & Technology *	3
Required Core Courses (18 Semester Hours)		
TMGT 510	Strategic & Financial Planning in Technology Organizations	3
TMGT 511	Emerging Technologies	3
TMGT 512A	Leadership in Engineering and Technology *	3
TMGT 514	Engineering and Technology Project Management	3
TMGT 515	Project Management Tools & Techniques	3
TMGT 516	Staff Development in Technology Organizations	3
Practicum (3 Semester Hours)		
TMGT 599	Technology Management Practicum	3
Must be taken after completion of major core or may be taken concurrently with no more than one remaining core course.		
Elective Courses (12 semester Hours)		
ACCT 501	Accounting for Managers	3
BUSA 542	Applied Decision Modeling	3
ECO 501	Economics for Decision Makers	3
ECO 502	Quantitative Analysis for Managers	3
FIN 504	Financial Management	3
MGT 501	Foundations of Management	3
MGT 581	Entrepreneurship	3
MKT 501	Marketing Environment	3
PSY 594	Ethical Issues in Organization	3
TMGT 513, TMGT 517, TMGT 590, TMGT 597, or other Master's level none-core TMGT courses.		
Any Master's level CSCI courses, excluding 505, 518, 589, & 595		
Or select from: Operational Excellence Graduate Certificate; approved Minor selected from: Educational Technology, Finance, Financial Planning, Real Estate, Corporate Management, Economics, Economics of US Healthcare, Business Analytics, Cyber Security, Digital Marketing, Marketing Decision Analytics, Applied Mathematics, or Physics; or other relevant curriculum block as approved by the MS-TMGT Program Advisory Committee. Declaration of a Certificate or Minor option must also be approved by the offering department.		
Total Hours		36

* Course shared with BS

Note: Successful completion of the Comprehensive Exam is required of all students.

First Year

Fall	Hours
Delete This Text	
Total Hours: 0	