

Technology & Information Management Minor 2019-2020 Curriculum Chart

Mathematics

(Complete one sequence.)

AM 11A
Math Methods
for Econ I & **AM 11B**
Math Methods
for Econ II

MATH 11A
Calculus with
Applications & **MATH 11B**
Calculus with
Applications

MATH 19A
Calculus for
Science, Engr.
& Math & **MATH 19B**
Calculus for
Science, Engr.
& Math

MATH 20A
Honors Calculus & **MATH 20B**
Honors Calculus

Computer Science

(Complete one course.)

CSE 20
Beginning
Programming in
Python

CSE 30
Programming
Abstractions:
Python

Technology & Information Management

CSE 50
Business Information
Systems

CSE 58
Systems Analysis and
Design

Advanced Mathematics

(Complete one course.)

•ECON 1, 2; STAT 5 or 7/L; and one of
the following: AM/ECON 11B, MATH 22,
or MATH 23A
ECON 113
Introduction to Econometrics

•CSE 16 & MATH 22 or 23A
CSE 107
Probability & Statistics for
Engineers

•AMECON 11B or MATH 11B or 19B or
20B
STAT 131
Introduction to Probability
Theory

Upper-Division Electives

(Complete four courses selected from the following.)

•AM/ECON 11B or MATH
11B or 19B
CSE 171A
Management of
Technology I

•CSE 101
CSE 180
Database
Systems I

OR

•CSE 15
CSE 182
Intro to Database
Management
Systems

•CSE 171A
CSE 171B
Management of
Technology II

•ECON 1, 2; AM/ECON
11B or MATH 22 or 23A
ECON 100A
Intermediate
Microeconomics

OR

•ECON 1, 2; AM/ECON
11B or MATH 22 or 23A
ECON 100M
Intermediate
Microeconomics,
Math Intensive

•Entry Level Writing and
Composition Requirement;
CSE 50 or Instructor
Permission
CSE 175
Business Strategy
and Information
Systems

•ECON 1, 2; AM/ECON
11B or MATH 22 or 23A
ECON 100B
Intermediate
Macroeconomics

OR

•ECON 1, 2; AM/ECON
11B or MATH 22 or 23A
ECON 100N
Intermediate
Macroeconomics,
Math Intensive

•CSE 16, CSE 12/L or CSE
15/L
CSE 150/L
Introduction to
Computer Networks

With pre-approval from the TIM undergraduate director, up to two graduate TIM courses may be used to satisfy upper-division elective requirements.

The technology and information management (TIM) minor provides undergraduates in the School of Engineering, as well as in other programs and divisions in the university, such as economics and business management economics, the physical and biological sciences, and arts, the opportunity to expand the breadth of their knowledge and training to include the management of information systems and the management of technology.

Notes:

- Denotes course prerequisites.

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Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Student Name:
Staff Advisor:
Faculty Advisor: