Technology & Information Management Minor
2020-2021 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
(Complete both courses.)

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 Math 23A or AM 30
CSE 107
Probability & Statistics for Engineers

●AM/ECON 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 171A
CSE 171B
Management of Technology II

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

●CSE 16, CSE 12/L, and CSE 30 or CSE 15/L
CSE 150/L
Introduction to Computer Networks

●CSE 101 **CSE 180** Database Systems I	**OR**	●CSE 15 of CSE 13E or CSE 13S **CSE 182** Intro to Database Management Systems
●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
●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

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: