

# Technology & Information Management Minor 2024-2025 Curriculum Chart

## Mathematics

*(Complete one sequence.)*

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

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

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

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

## Computer Science

*(Complete one course.)*

**CSE 20**  
Beginning Programming in Python

**CSE 30**  
Programming Abstractions: Python

## Technology & Information Management

*(Complete both courses.)*

**TIM 50**  
Business Information Systems

**AND**

•TIM 50  
**(Strongly Recommended)  
TIM 58**  
Systems Analysis and Design

OR

**TIM 80C**  
Starting a New Technology Company

## Advanced Mathematics

*(Complete one course.)*

•ECON 1 & 2; STAT 17/L; and one of the following: AM/ECON 11B, MATH 22, MATH 23A, or AM 30  
**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  
**TIM 172A**  
**(Strongly Recommended)**  
Management of Technology I

•CSE 101  
**CSE 180**  
Database Systems I

OR

•CSE 16 or BME 160; and CSE 30  
**CSE 182**  
Intro to Database Management Systems

•TIM 172A  
**TIM 172B**  
Management of Technology II

•ECON 1 & 2; AM/ECON 11B or MATH 22, 23A, or AM 30  
**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; TIM 50 or Instructor Permission  
**TIM 175**  
**(Strongly Recommended)**  
Business Strategy

•ECON 1 & 2; AM/ECON 11B or MATH 22, 23A, or AM 30  
**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 and CSE 30  
**CSE 150**  
Introduction to Computer Networks

The technology and information management (TIM) minor provides undergraduates in Baskin 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.

## Technology & Information Management Minor 2024-2025 Curriculum Chart

Fall _____	Winter _____	Spring _____	Summer _____

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