Technology & Information Management B.S. Degree
2023-2024 Curriculum Chart

CSE 20
Beg Programming
In Python

CSE 30
Programming
Abstractions: Python

MATH 19A
Calculus

ECON 1
Microeconomics

ECON 2
Macroeconomics

CSE 12
Computer Systems
and Assembly
Language

CSE 150
Introduction to
Computer Networks

MATH 19B
Calculus

ECON 100A
Intermediate Microeconomics

CSE 13S
Computer Systems and C Programming

* Math 19A or Math 19B
CSE 16%
Discrete Math

OR
MATH 23A
Vector Calculus

STAT 17/L
Statistical Methods for Business and Economics

CSE 182
Intro. to
Database Mgmt
Systems

MATH 22
Calculus of Several
Variables

ECON 113
Econometrics

OR
AM 30
Multivariate Calculus
for Engineers

ECON 10A
Economics of Accounting

AM 10
Engr Math Methods I
or
MATH 21
Linear Algebra

ECON 100A
Intermediate Microeconomics

OR
MATH 23A
Vector Calculus

TIM 50
Business Information Systems

AM 20
Engr Math Methods II
or
MATH 24
Ordinary Differential Equations

TIM 170
Management of Technology Seminar
(2 units)

Upper Division Baskin Engineering
Elective**

Upper Division Baskin Engineering
Elective**

Upper Division Economics
Elective**

Upper Division Economics
Elective**

Comprehensive Requirement
Completion of TIM 172A/P, TIM 172B/Q and TIM 175 satisfies the comprehensive requirement

# TIM 175 satisfies the DC requirement
%
CSE 20 or CSE 30 recommended prior to taking CSE 16
** See back of chart for additional elective information

TIM 175#
Management of Technology II
(8 units)

TIM 172B/Q
Management of Technology II
(8 units)

TIM 172A/P
Management of Technology I
(8 units)

TIM 58
Systems Analysis & Design

Upper Division Baskin Engineering
Elective**

http://undergrad.soe.ucsc.edu • bsoeadvising@ucsc.edu • (831) 459-5840 • 7/27/2023
## Technology & Information Management B.S. Degree

### 2023-2024 Curriculum Chart

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### Baskin Engineering Electives:

For the Baskin Engineering electives, students’ choices are any 5-unit upper division or graduate Baskin Engineering course, with these exceptions: You can take STAT 131 or CSE 107, but not both, and at most one independent study or field-study (with prior approval from the Department to be used as an elective).

### Economics Electives:

Students can use any 5 unit upper division Econ course numbered 100-190 not already required for the major. The following Economics courses are strongly recommended for TIM majors:

- **Econ 100B**: Intermediate Macroeconomics
- **Econ 101**: Managerial Economics
- **Econ 115**: Introduction to Management Sciences
- **Econ 130**: Money and Banking
- **Econ 131**: International Financial Markets
- **Econ 133**: Security Markets and Financial Institutions
- **Econ 135**: Corporate Finance
- **Econ 136**: Business Strategy
- **Econ 161A**: Marketing

### Notes:

- All students admitted to a Baskin Engineering major, or seeking admission to a major, must take all courses required for that major for a letter grade.
- Courses in which you receive a grade of C-, D+, D, or D- earn credit toward graduation, but cannot be used to satisfy a major requirement or a general education requirement, and cannot satisfy a prerequisite for another course.
- Baskin Engineering has different major declaration deadlines than the UCSC Academic/Administrative calendar. Our deadlines and process can be found on: [http://undergrad.soe.ucsc.edu/current-students/declare-your-major](http://undergrad.soe.ucsc.edu/current-students/declare-your-major)

**STUDENT’S NAME:**

**STAFF ADVISOR:**