Technology & Information Management B.S. Degree
2022-2023 Curriculum Chart

CSE 20  Beg Programming In Python
         CSE 30  Programming Abstractions: Python
         CSE 12  Computer Systems and Assembly Language
               *Math 19A or 20A
         CSE 16%  CSE 16%  
         CSE 13S  Computer Systems and C Programming
         CSE 150  Introduction to Computer Networks
         CSE 182  Intro. to Database Mgmt Systems

MATH 19A OR MATH 20A  Calculus OR Honors Calculus

MATH 19B OR MATH 20B  Calculus OR Honors Calculus

MATH 22  Calculus of Several Variables
         OR  MATH 23A  Vector Calculus
         OR  AM 30  Multivariate Calculus for Engineers

ECON 1  Microeconomics

ECON 100A  Intermediate Microeconomics
OR  ECON 100M  Intermediate Microeconomics (Math Intensive)

ECON 113*  Econometrics

TIM 50  Business Information Systems

TIM 58  Systems Analysis & Design
TIM 172A/P  Management of Technology I
TIM 170  Management of Technology Seminar (2 units)
TIM 172B/Q  Management of Technology II
TIM 175#  Business Strategy & Information Systems

Upper Division School Of Engineering Elective**
Upper Division School Of Engineering Elective**

Upper Division Economics Elective**

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

*  Check catalog for prerequisites
**  See back
♦  May substitute AM 10 and AM 20 with Math 21 and Math 24, Linear Algebra & Differential Equations
#  TIM 175 satisfies the DC requirement
%  Some programming recommended
### Technology & Information Management B.S. Degree

#### 2022-2023 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 133 Security Markets and Financial Institutions  
- Econ 135 Corporate Finance  
- Econ 136 Business Strategy  
- Econ 161A Marketing  
- Econ 131 International Financial Markets

#### 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: