Technology & Information Management B.S. Degree
2021-2022 Curriculum Chart

CSE 20
Beg Programming
In Python

CSE 30
Programming
Abstractions: Python

* MATH 19A OR * MATH 20A
Calculus OR Honors Calculus

ECON 1
Microeconomics

ECON 2
Macroeconomics

* MATH 19B OR * MATH 20B
Calculus OR Honors Calculus

ECON 100A
Intermediate Microeconomics

OR

ECON 100M
Intermediate Microeconomics

TIM 175
Business Strategy & Information Systems

ECON 10A
Economics of Accounting

CSE 12
Computer Systems
and Assembly Language

*CSE 16
Discrete Math

* MATH 22
Calculus of Several
Variables

OR

* MATH 23A
Vector Calculus

OR

* AM 30
Multivariate Calculus for
Engineers

STAT 7/L
Statistics

* ECON 113
Econometrics

CSE 13S
Computer Systems and
C Programming

*CSE 150/L
Introduction to
Computer Networks

* CSE 182
Intro. to
Database Mgmt Systems

TIM 50
Business Information Systems

*CSE 16
Discrete Math

* MATH 19B OR 20A
Calculus OR Honors Calculus

* MATH 20 M
Intermediate Microeconomics

TIM 170
Management of Technology
Seminar (2 units)

* TIM 172A/P
Management of Technology I

* 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**

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

* Check catalog/SoE course descriptions 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

http://undergrad.soe.ucsc.edu • bsoeadvising@ucsc.edu • (831) 459-5840 • 10/5/2021
## Technology & Information Management B.S. Degree
### 2021-2022 Curriculum Chart

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### School of Engineering Electives:
For the School of Engineering electives, students’ choices are any 5-unit upper division or graduate School of 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:

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>Econ 100B</td>
<td>Intermediate Macroeconomics</td>
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<td>Econ 101</td>
<td>Managerial Economics</td>
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<td>Econ 115</td>
<td>Introduction to Management Sciences</td>
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<td>Econ 130</td>
<td>Money and Banking</td>
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<td>Econ 131</td>
<td>International Financial Markets</td>
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<td>Econ 133</td>
<td>Security Markets and Financial Institutions</td>
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<td>Econ 135</td>
<td>Corporate Finance</td>
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<td>Econ 136</td>
<td>Business Strategy</td>
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<tr>
<td>Econ 161A</td>
<td>Marketing</td>
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### Notes:
- All students admitted to a School of 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.
- The School of 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/declare-your-major](http://undergrad.soe.ucsc.edu/declare-your-major)

### Student's Name:

### Staff Advisor: