**Technology & Information Management B.S. Degree**
**Curriculum Chart: 2014-2015**

- **CMPS 12A/L**
  Intro to Programming
- **CMPS 5J**
  Intro to Prog: Java
- **CMPS 11**
  Intermediate Programming
- **CMPS 12B/M**
  Data Structures
- **CMPE 12/L**
  Computer Systems & Assembly Language
- **CMPE 150/L**
  Introduction to Computer Networks
- **CMPS 182**
  Intro. to Database Mgmt Systems
- *** CMPS 12A/L**
  Intro to Programming - Accelerated
- **OR**
- **CMPS 5J**
  Intro to Prog: Java
- **AND**
- **CMPS 11**
  Intermediate Programming

**Math Courses**

- **MATH 19A**
  Calculus
- **MATH 19B**
  Calculus
- **MATH 22**
  Calculus of Several Variables
- **MATH 23A**
  Vector Calculus
- **CMPE 16**
  Discrete Math

**Economics Courses**

- **ECON 1†**
  Microeconomics
- **ECON 2†**
  Macroeconomics
- **ECON 10A**
  Economics of Accounting
- **ECON 10A**
  Economics of Accounting
- **OR**
- **ECON 100M**
  Intermediate Microeconomics (Math Intensive)
- **AMS 5**
  Statistics
- **ECON 113**
  Econometrics

**Computer Science Courses**

- **CMPS 101**
  Introduction to Computer Networks
- **CMPS 12A/L**
  Intro to Programming - Accelerated
- **CMPS 12B/M**
  Data Structures
- **CMPE 12/L**
  Computer Systems & Assembly Language
- **CMPS 162**
  Intro. to Database Mgmt Systems
- **CMPE 150/L**
  Introduction to Computer Networks
- **CMPS 182**
  Intro. to Database Mgmt Systems

**Upper Division Courses**

- **School Of Engineering**
  Elective**
- **School Of Engineering**
  Elective**
- **School Of Engineering**
  Elective**
- **School Of Engineering**
  Elective**
- **Economics**
  Elective**
- **Economics**
  Elective**
- **School Of Engineering or Economics**
  Elective**

**Comprehensive Requirement**

Completion of TIM 105 and TIM 158 satisfies the comprehensive requirement

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* = Check catalog/SoE course descriptions for prerequisites  **See back  **

Shaded boxes represent gateway courses

† Admission to the major is based on TIM 50. ECON 1 & ECON 2 may be used for admission to the major by transfer students for whom TIM 50 is not articulated. All three courses are graduation requirements.

◆ May substitute AMS 10 and AMS 20 with AMS 10A and 20A, or Math 21 and Math 24.

# TIM 158 satisfies the DC requirement.

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## Technology & Information Management B.S. Degree

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### School of Engineering Electives:

For the School of Engineering electives, your choices are any 5-unit upper division or graduate School of Engineering courses, with these exceptions: You can take AMS 131 or CMPE 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:

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

**STUDENT’S NAME:**

**STAFF ADVISOR:**

**FACULTY ADVISOR:**