Mathematics

Upper Division Requirements

Upper-Division Electives

Computer Science

Complete one of the following:

- **CMPS 12A/L**
  - Intro to Programming (Accelerated)

- **CMPS 5J**
  - Intro to Programming in Java

- **CMPS 5C**
  - Intro to Programming in C/C++

Information Systems Management

- **TIM 50**
  - Business Information Systems

- **TIM 58**
  - Systems Analysis and Design

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

With pre-approval from the ISM undergraduate director, up to 2 graduate ISM courses may be used to satisfy upper-division electives.

- = course prerequisite

### Mathematics

**MATH 19A**
- Calculus

**MATH 19B**
- Calculus

- **AMS 11A/ ECON 11A**
  - Math Methods for Economists

**MATH 11A**
- Calculus

**MATH 11B**
- Calculus

**MATH 20A**
- Honors Calculus

**MATH 20B**
- Honors Calculus

**AMS 11B/ ECON 11B**
- Math Methods for Economists

**ECON 1, 2, & 11B or AMS 11B or MATH 22 or 23A**

**ECON 113**
- Econometrics

**CMPE 107**
- Math Methods (Stochastic)

**ECON 110M**
- Intermediate Microeconomics (Math Intensive)

**ECON 100A**
- Intermediate Microeconomics

- **ECON 100B**
  - Intermediate Macroeconomics

- **ECON 100N**
  - Intermediate Macroeconomics (Math Intensive)

**ECON 100A**
- Intermediate Microeconomics

**ECON 100B**
- Intermediate Macroeconomics

**ECON 100N**
- Intermediate Macroeconomics (Math Intensive)

**ISM 105**
- Management of Technology I

**ISM 125**
- Management of Technology II

**TIM 105**
- Management of Technology I

**TIM 158**
- Business Strategy & Information Systems

**TIM 158**
- Business Strategy & Information Systems

**CMPS 12A/L**
- Intro to Programming (Accelerated)

**CMPS 5J**
- Intro to Programming in Java

**CMPS 5C**
- Intro to Programming in C/C++

**CMPS 101**
- Database Systems I

**CMPS 180**
- Database Systems I

**CMPS 182**
- Database Mgmt.

**CMPS 182**
- Database Management

**CMPE 150/L**
- Introduction to Computer Networks & Laboratory

**CMPE 150/L**
- Introduction to Computer Networks & Laboratory

**CMPS 12B/M**
- Database Management

**CMPS 150/L**
- Introduction to Computer Networks & Laboratory

**CMPS 16/L**
- Database Management

**CMPS 150/L**
- Introduction to Computer Networks & Laboratory

**CMPS 12B/M**
- Database Management

**CMPS 150/L**
- Introduction to Computer Networks & Laboratory
### TECHNOLOGY AND INFORMATION MANAGEMENT MINOR
#### DEGREE CURRICULUM

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**STUDENT’S NAME:**

**STAFF ADVISOR:**

**FACULTY ADVISOR:**