

# Technology & Information Management Minor 2018-2019 Curriculum Chart

## Mathematics

*(Complete one sequence.)*

**AMS or ECON 11A** & **AMS or ECON 11B**  
Math Methods for Econ I & Math Methods for Econ II

**MATH 11A** & **MATH 11B**  
Calculus with Applications & Calculus with Applications

**MATH 19A** & **MATH 19B**  
Calculus for Science, Engr. & Math & Calculus for Science, Engr. & Math

**MATH 20A** & **MATH 20B**  
Honors Calculus & Honors Calculus

## Computer Science

*(Complete one course.)*

**CMPS 5C**  
Intro to Prog. in C/C++

**CMPS 5J**  
Intro to Prog. in Java

## Technology & Information Management

**TIM 50**  
Business Information Systems

•TIM 50  
**TIM 58** Systems Analysis & Design OR **TIM 80C** Starting a New Tech Company

## Advanced Mathematics

*(Complete one course.)*

•ECON 1, 2; AMS 5 or 7/L; and one of the following: AMS/ECON 11B, MATH 22, or MATH 23A  
**ECON 113**  
Introduction to Econometrics

•CMPE 16 or 16H; MATH 22 or 23A  
**CMPE 107**  
Probability & Statistics for Engineers

•AMS/ECON 11B or MATH 11B or 19B or 20B  
**AMS 131**  
Introduction to Probability Theory

## Upper-Division Electives

*(Complete four courses selected from the following.)*

•AMS/ECON 11B or MATH 11B or 19B  
**TIM 105**  
Management of Technology I

•CMPS 101  
**CMPS 180** Database Systems I OR •CMPS 12B  
**CMPS 182** Intro to Database Management Systems

•TIM 105  
**TIM 125**  
Management of Technology II

•ECON 1, 2; AMS/ECON 11B or MATH 22 or 23A  
**ECON 100A** Intermediate Microeconomics OR •ECON 1, 2; AMS/ECON 11B or MATH 22 or 23A  
**ECON 100M** Intermediate Microeconomics, Math Intensive

•Entry Level Writing and Composition Requirement; TIM 50 or Instructor Permission  
**TIM 158**  
Business Strategy and Information Systems

•ECON 1, 2; AMS/ECON 11B or MATH 22 or 23A  
**ECON 100B** Intermediate Macroeconomics OR •ECON 1, 2; AMS/ECON 11B or MATH 22 or 23A  
**ECON 100N** Intermediate Macroeconomics, Math Intensive

•CMPE 16, CMPE 12/L or CMPS 12B/M  
**CMPE 150/L**  
Introduction to Computer Networks

With pre-approval from the TIM undergraduate director, up to two graduate TIM courses may be used to satisfy upper-division elective requirements.

The technology and information management (TIM) minor provides undergraduates in the School of Engineering, as well as in other programs and divisions in the university, such as economics and business management economics, the physical and biological sciences, and arts, the opportunity to expand the breadth of their knowledge and training to include the management of information systems and the management of technology.

### Notes:

- Denotes course prerequisites.

## Technology & Information Management Minor 2018-2019 Curriculum Chart

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Student Name:

Staff Advisor:

Faculty Advisor: