

Technology and Information Management Electives

Economics Electives (1 required)

Students can use any 5 unit upper division Econ course not already required for the major numbered 100-190. 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

Baskin Engineering Electives (2 required)

These electives may be any 5-credit upper-division or graduate School of Engineering courses, with the following limitations:

1. Either STAT 131 or CSE 107, but not both
2. At most one independent study or field-study course (TIM 193, 195, 198, 199) with prior approval from the Department. The list below are suggestions for BE electives and does not list every possible course that could count.

Recommended Baskin Engineering Electives:

Applied Mathematics

- AM 129 Foundations of Scientific Computing for Scientists and Engineers
- AM 147 Computational Methods and Applications

Computational Media

- CMPM 131 User Experience in Interactive Media
- CMPM 150 Creating Digital Audio
- CMPM 151 Algorithmic Music for Games
- CMPM 177 Creative Strategies for Designing Interactive Media
- CMPM 178 Human-Centered Design Research

Computer Science & Engineering

- CSE 107 Probability and Statistics for Engineers
- CSE 120 Computer Architecture
- CSE 145 Introduction to Data Mining
- CSE 151/L Advanced Computer Networks and Laboratory
- CSE/ECON 166A Game Theory and Applications I

Electrical Engineering

- ECE 180J Advanced Renewable Energy Sources

Statistics

- STAT 131 Introduction to Probability Theory

Technology & Information Management (Recommended)

- TIM 147 Introduction to Data Mining for Business
- TIM 150 Optimization for Management
- TIM 173 Financial Engineering and Management in High Technology Firms
- TIM 193 Field Study* (requires prior approval from the department)