Information Systems Management BS Degree
Curriculum Chart
2009-2010

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

- OR -

CMPS 5J
Intro to Prog: Java

AND

* CMPS 11
Intermediate Prog

* CMPS 12B
Data Structures
(CMPS 12M recommended)

* CMPE 12/L
Computer Systems & Assembly Language

* CMPE 150/L
Introduction to Computer Networks

* CMPS 182
Intro. to Database Mgmt Systems

* CMPE 16
Discrete Math

✧ *AMS 10 AND *AMS 20
Eng. Math Methods I & II

OR

✧ *AMS 10A AND *AMS 20A
Basic Eng. Math Methods I & II

* MATH 19A OR *AMS 11A
Calculus Math Methods

* MATH 19B OR *AMS 11B
Calculus Math Methods

* ECON 100A
Intermediate Microeconomics

OR

* ECON 100M
Intermediate Microeconomics (Math Intensive)

* ECON 113
Econometrics

* ECON 10A
Economics of Accounting

* ECON 1
Macroeconomics

* ECON 2
Macroeconomics

ISM 50
Business Information Systems

ISM 101
Management of Technology Seminar
(2 units)

* ISM 58
Systems Analysis & Design

* ISM 105
Management of Technology I

* ISM 158
Business Strategy & Information Systems

* ISM 125
Management of Technology II

Comprehensive Requirement
Completion of ISM 105 and ISM 158 satisfies the comprehensive requirement

* = Check catalog or SoE prerequisite chart for prerequisites  **See back  Shaded boxes represent foundation courses

# Students who complete the Math 19 series will need to attain permission from the Economics Undergraduate Advisor in order to enroll in ECON 113.

† Students should not combine courses from the AMS and math sequences. Students who take Math 19A should take Math 19B. Students who take AMS 11A should take AMS 11B.

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

◆ May substitute AMS 10 and AMS 20 or AMS 10A and AMS 20A with Math 21 and Math 24.
School of Engineering Electives:

For the School of Engineering electives, your choices are any upper division School of Engineering courses, with these exceptions: You can take either AMS 131 or CMPE 107, but not both, and at most one Independent Study with prior approval from the Department.

Economics Electives:

For the Economics elective(s), your choices are any upper division Economics course(s). The following Economics courses are strongly recommended for ISM 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 and Entrepreneurial Studies |
| Econ 161  | Marketing                   |

**STUDENT’S NAME:**

**STAFF ADVISOR:**

**FACULTY ADVISOR:**