INFORMATION SYSTEMS AND TECHNOLOGY MANAGEMENT MINOR
CURRICULUM CHART
2009-2010

Mathematics

MATH 19A
Calculus

OR

MATH 19B
Calculus

AMS 11A/
ECON 11A
Math Methods for Economists

OR

AMS 11B/
ECON 11B
Math Methods for Economists

OR

MATH 11A
Calculus

OR

MATH 11B
Calculus

OR

MATH 20A
Honors Calculus

OR

MATH 20B
Honors Calculus

Computer Science

Complete one of the following:

CMPS 12A
Intro to Programming

OR

CMPS 5J
Intro to Programming in Java

Information Systems Management

ISM 50
Business Information Systems

and one of the following:

ISM 58
Systems Analysis and Design

OR

ISM 80C
Starting a New Technology Company

Upper Division Requirements

Complete one of the following:

• Econ 1, 2, AMS 5, ECON 11B or AMS 11B, Math 22 or 23A (100A or B recommended)

ECON 113
Econometrics

• CMPE 16 & MATH 22 or 23A

CMPE 107
Math Methods (Stochastic)

• AMS 11B or ECON 11B or MATH 11B or 19B

AMS 131
Intro to Probability Theory

Upper-Division Electives

(Complete four of the following):

• ECON 1, 2 & 11A or AMS 11A or MATH 11A or 19A; 111B recommended

ECON 100A
Intermediate Microeconomics

OR

• ECON 1, 2 & 11A or AMS 11A or MATH 11A or 19A

ECON 100M
Intermediate Microeconomics (Math Intensive)

With pre-approval, up to 2 ISM courses may be used to satisfy upper-division electives.

• = course prerequisite

Upper-Division Electives

• ECON 1, 2 & 11A or AMS 11A or MATH 11A or 19A; 100A strongly recommended

ECON 100B
Intermediate Macroeconomics

OR

• ECON 1, 2, & 11A or AMS 11A or MATH 11A or 19A.

ECON 100N
Intermediate Macroeconomics (Math Intensive)

• CMPS 101

CMPS 180
Database Systems I

OR

• CMPS 12B

CMPS 182
Database Mgmt.

• CMPE 16, & CMPE 12/L or CMPS 12B/M

CMPE 150/L
Introduction to Computer Networks & Laboratory
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Staff Advisor:

Faculty Advisor: