

**Watson/SOM Fast Track MBA Program
Computer Engineering**

Year 1 - Fall

Math 221 Calculus I (M)
Chem 111 Chemical Principles (L)
WTSN 111 Discovering Engineering I
WTSN 103 Tech Communication I (1 credit)
General Education Elective (P)
Body/Wellness

Spring

Math 222 Calculus II
PHYS 131 General Physics I
WTSN 112 Discovering Engineering II (J)
WTSN 104 Tech Communication II (1 credit)
General Education Elective (G)
Body/Wellness

Year 2 - Fall

Math 371 Mathematical Methods in Science
Phys 132 General Physics II
CS 140 Computer Programming
ECE 251 Digital Logic Design
ECE 281 ECE Seminar I

Spring

ISE 261 Probabilistic Systems I
ECE 260 Electrical Circuits
CS 240 Data Structures and Algorithms
ECE 252 Microprocessors

Year 3 - Fall

ECE 301 Signals and Systems
ECE 315 Electronics I
ECE 351 Digital System Design
CS 350 Operating Systems

Spring

Math 314 Discrete Math
CS 345 Software Engineering
ECE 352 Computer Architecture
ECE 387 Design Lab
ECE 382 ECE Seminar II

***in junior year, student applies to Fast Track MBA program**

Year 4 - Fall

ECE 487 Senior Project I (J)
Technical Elective I
Professional Elective I - **MGMT 501 (Accounting) 4 cr**
General Education Elective (N) - **MGMT 502 (Economics) 4 cr**

Winter Term

MGMT 507
Operations Mgmt.

Spring

ECE 488 Senior Project II (H)
CS 428 Computer Networks
Technical Elective II - **MGMT 505 (Finance) 4 cr**
General Education Elective (A)

Bachelor's Degree Awarded

MBA Program - Year 5

Fall

MGMT 508 - Organizational Behavior - 4 credits
MGMT 516 - Oral & Written Communications - 2 credits
Elective - 4 credits
Elective - 4 credits
Elective - 4 credits (optional)
Professional Development - 1 credit
Total Credits: 15

Spring

MGMT 540 - Strategic Management - 4 credits
MGMT 530 - Global & Ethical Environments - 2 credits
MGMT 506 - Marketing - 4 credits
SOM Elective - 4 credits
SOM Elective - 4 credits
Professional Development - 1 credit
Total Credits 19

Awarded MBA Degree

Waived: MGMT 500 (MIS), MGMT 503 (Statistics),
Electives (12 credits)

**Students admitted to Computer Engineering prior to
Fall 2003 should meet with their academic advisor**

updated 3/9/05