



LIST OF REQUIRED COURSES

AREA OF STUDY	UNITS	MBA (Master of Business Administration)	MSEE (Master of Science in Electrical Engineering)	MSCS (Master of Science in Computer Science)
BASIC COURSES	12	MGT 501 Human Resources Management BUS 510 Quantitative Methods for Business MGT 506 Production and Operations Management FIN 510 Financial Management	EE511 Advanced Engineering Analysis EE514 Advanced Computer Organization and Structure EE571 Data Compression EE575 Image Processing and Applications	CS501 Computer Architecture CS517 Database Design CS533 Advanced Computer Networks CS536 Operating System Design
CONCENTRATION	12	MGT 510 Project and Risk Management MGT 515 Supply Chain Management for E-Business MGT 530 Managing for Quality Improvement MGT 540 International Business Management	EE515 Digital IC Design EE526 Advanced Digital IC Design EE537 Analog/Mixed Signal IC Design EE548 VLSI Physical Design-Place and Route	CS562 Advanced Java Programming CS532 Software Engineering CS560 Algorithms CS577 Advanced Database Design and Development (Beginning Summer 09) OR CS 550 .NET Web Programming (through 2009) NOTE: Students may not count both CS 577 and CS 550 as core courses.
ELECTIVES	12	Any MBA graduate level courses (400 or higher)	Any EE or CS graduate level courses (400 or higher)	Any EE or CS graduate level courses (400 or higher)

NOTES:

- Students may extend their Master Project to a second consecutive term if approved by their professor. Once a grade is submitted for a Master Project it can no longer be extended to a second term. Students taking a Master Project should read the Master Project Rules and Regulations.
- Students can take one internship course each term. To register for the internship they must submit a copy of an offer of employment from their company to the Registrar's Office. Students should be advised that Internship does not count as part of the twelve elective units required for graduation. It is intended to allow students to have a real life experience and is a simple P/NP course.

For more detailed information please consult the Course Catalog.