FAU DEPARTMENT OF COMPUTER & ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

College of Engineering & Computer Science
Florida Atlantic University

MS IN COMPUTER SCIENCE WITH A *MINOR* IN BUSINESS WORKSHEET

Name: _____ Z#:_____ Advisor: _____

Date of Admission: _____ Date of Candidacy: _____

Undergraduate Institution/Year: _____ GPA: _____ Major: _____

GRE/Year: _____ TOEFL: _____ Catalog Followed: _____

Prerequisites	**Actual Course Title**	**Where**	**Grade**
CDA 4150 Computer Design *or*	_____	_____	_____
CDA 4102 Struct. Computer Architecture ***or***	_____	_____	_____
CDA 3331 Intro to Microcomputers & Lab ***or***	_____	_____	_____
CDA 4170 CAD-Based Computer Design	_____	_____	_____
COP 4610 Computer Operating Systems	_____	_____	_____
COT 4400 Design & Analysis of Algorithms	_____	_____	_____
STA 4821 Stochastic Models (Probability and Statistics)	_____	_____	_____
COP 3530 Data Structures & Algorithms Analysis	_____	_____	_____
MAC 2311 & 2312 Calculus w/Analytic Geo. I & II	_____	_____	_____
or			
MAC 2253 & 2254 Calculus for Engineers I & II	_____	_____	_____

A minimum 3-credit hours must be selected from each of three groups: (I) Theory, (II) Software Development, and (III) Computer Systems. These three groups include the following courses:

I: Theory

Grade

_____ COT 6405 Analysis of Algorithms
_____ MAP 6264 Queueing Theory
_____ COT 6200 Philosophy of Computation

II: Software Development

Grade

_____ COP 5330 Object-Oriented Software Design
_____ CEN 5035 Software Engineering
_____ COT 5310 Programming Languages
_____ COP 6618 Concurrent Programming
_____ CEN 6076 Software Testing

III: Computer Systems

Grade

_____ CNT 5715 Computer Network Programming
_____ CEN 6405 Computer Performance Modeling
_____ CIS 6370 Computer Data Security
_____ COP 6617 Distributed Systems Design
_____ COP 6731 Theory and Implementation of Database Systems
_____ CIS 6302 Mobile Computing
_____ CAP 6673 Data Mining & Machine Learning
_____ CAP 6010 Multimedia Systems
_____ CDA 6122 Evaluation of Parallel and Distributed Systems
_____ CAP 5615 Introduction to Neural Networks
_____ CDA 6508 Ad Hoc Networks

ELECTIVES

Grade

____ _____ _____
____ _____ _____
____ _____ _____
____ _____ _____
____ _____ _____
____ _____ _____

BUSINESS MINOR COURSES

Grade

____ ACG 6027 Financial Accounting Concepts
____ FIN 6406 Financial Management
____ MAR 6055 Marketing Functions and Processes
____ MAN 6937 Global Environment of Management **OR**
MAN6245 Organizational Behavior
____ ISM 6026 Management of Information Systems & Technolory **OR**
QMB 6603 Data Analysis for Managers

GPA: (At least 3.0) _____

Evaluated by: _____

Date: _____

SUMMARY OF RULES FOR MS (COMPUTER SCIENCE WITH A MINOR IN BUSINESS) DEGREES

Minimum Degree Requirements:

- prerequisites: all courses must have a grade of "C" or better
- a minimum of 9 credit hours must be selected from the above 3 groups (at least 1 course from each group)
- at least 18 credits of 6000 level courses
- at most 3 credits of directed independent study (DIS)
- no course more than seven years old
- at most 3 credits of 4000 level courses with the consent of advisor
- all courses must have a grade of "C" or better
- overall graduate GPA of 3.0 or better
- no more than 6 credits transferred from other institutions

ADMISSION TO CANDIDACY:

Students must apply for candidacy as soon as they are eligible. Students should prepare, in consultation with a graduate advisor, a **PLAN OF STUDY** i.e. the list of courses, for completing their degree requirements. All courses must be approved by the student's advisor.

A student is eligible to apply for candidacy when:

1. A minimum of 9 credit hours as a graduate student have been completed.
2. A minimum of 3.0 GPA in all courses attempted as a graduate student has been maintained.

Normally no more than 15 credit hours of work completed before admission to candidacy will be accepted toward the Degree program.

Students working toward the MS degree (thesis option) may not register for thesis until their Plan of Study has been submitted

Additional Comments or Information:

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