

**M.S. IN COMPUTER SCIENCE WITH A *MINOR* IN BUSINESS WORKSHEET**

Name: \_\_\_\_\_ Z#: \_\_\_\_\_ Advisor: \_\_\_\_\_

Date of Admission: \_\_\_\_\_ Undergraduate Institution/Year: \_\_\_\_\_

GPA: \_\_\_\_\_ Major: \_\_\_\_\_ GRE/Year: \_\_\_\_\_

**Prerequisites**

Course No.	Course Title	Actual Course Title if Not Taken at FAU	Where	Grade
CDA 4102	Structured Computer Architecture <b>OR</b>			
CDA 3331C	Intro to Microprocessor Systems <b>OR</b>			
CDA 4204	CAD-Based Computer Design			
COP 4610	Computer Operating Systems			
COT 4400	Design & Analysis of Algorithms			
STA 4821	Stochastic Models for Computer Science			
COP 3530	Data Structures & Algorithm Analysis			
MAC 2311	Calculus with Analytic Geometry I			
MAC 2312	Calculus with Analytic Geometry II			

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

**(I) Theory**

Grade	Semester	Course Number/Name
		COT 6200 Theory and Philosophy of Computation
		COT 6405 Analysis of Algorithms
		COT 6446 Randomized Algorithms
		MAP 6264 Queueing Theory

**(II) Software Development**

Grade	Semester	Course Number/Name
		CAP 6018 Multimedia Programming
		CEN 5035 Software Engineering
		CEN 6027 Software Maintenance & Evolution
		CEN 6075 Software Requirements Engineering
		CEN 6076 Software Testing
		CEN 6085 Software Architecture & Patterns
		COP 5339 Object- Oriented Software Design

### (III) Computer Systems

Grade	Semester	Course Number/Name
		CAP 5615 Introduction to Neural Networks
		CAP 6010 Multimedia Systems
		CAP 6411 Foundations of Vision
		CAP 6673 Data Mining & Machine Learning
		CAP 6678 Advanced Data Mining & Machine Learning
		CDA 6122 Evaluation of Parallel & Distributed Systems
		CEN 6405 Computer Performance Modeling
		CIS 6370 Computer Data Security
		CNT 6516 Advanced Computer Networking
		CNT 6517 Mobile Computing
		CNT 6528 Vehicular Networks
		CNT 6885 Video Communication
		COP 6731 Theory & Implement. of Database Systems
		EEL 6591 Wireless Networks

### Business Minor Courses (5 Courses)

Grade	Semester	Course Number/Name
		ACG 6027 Financial Accounting Concepts
		FIN 6406 Financial Management
		ISM 6026 Management of Information Systems & Technology <b>OR</b>
		MAR 6055 Marketing Functions and Processes
		MAN 6937 Global Environment of Management <b>OR</b>
		MAN 6245 Organizational Behavior
		QMB 6603 Data Analysis for Managers

### Electives

Grade	Semester	Course Number/Name

GPA (at least 3.0) \_\_\_\_\_

Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## SUMMARY OF RULES FOR MS (COMPUTER SCIENCE WITH A *MINOR* IN BUSINESS) DEGREE

### Minimum Degree Requirements: This program requires a minimum of 36 credits

- Prerequisites: all courses must have a grade of “C” or better
- A minimum of 9 credit hours must be selected from the above three groups (**at least one 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 ten years old
- 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/Online Plan of Study

Students must apply for candidacy as soon as they are eligible. Students should prepare, in consultation with a graduate advisor, an **ON 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 approved.

### Additional Comments or Information

---

---

---

---

---

---

---

---

---

---