

**M.S. IN INFORMATION TECHNOLOGY & MANAGEMENT
(CONCENTRATION: Computer Science Data Analytics)**

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
COP 3530	Data Structures and Algorithm Analysis			
CDA 4102	Structured Computer Architecture OR			
CDA 3331C	Introduction to Microprocessor Systems OR			
CDA 4204	CAD-Based Computer Design			
COP 3540	Introduction to Database Structures			
COP 3014	Foundations of Computer Science			
MAC 2233	Methods of Calculus			
STA 2023	Introductory Statistics			

Please note: The advisor will evaluate the academic and work experience of each candidate, which can be counted toward satisfying the prerequisites.

Core Courses - Students are *required* to take *three* courses:

Grade	Semester	Course Number/Name
		CAP 6673 Data Mining & Machine Learning or CAP 5615 Introduction to Neural Networks
		CEN 5035 Software Engineering
		COP 5339 Object-Oriented Software Design

Electives - In addition, students need to take *five* electives from the following CEECS courses (If thesis-*three* electives):

Grade	Semester	Course Number/Name
		CAP 5615 Introduction to Neural Networks <i>(if not taken as Core)</i>
		CAP 6315 Social Networks and Big Data Analytics
		CAP 6619 Deep Learning
		CAP 6546 Data Mining for Bioinformatics
		CAP 6673 Data Mining and Machine Learning <i>(if not taken as Core)</i>
		CAP 6776 Information Retrieval
		CAP 6777 Web Mining
		CAP 6778 Advanced Data Mining and Machine Learning
		CAP 6780 Big Data Analytics with Hadoop
		CAP 6807 Computational Advertising and Real-Time Data Analytics
		CEN 6405 Computer Performance Modeling

Electives - The last *three* electives must be chosen from the following ITOM courses:

Grade	Semester	Course Number/Name
		ISM 6136 Data Mining and Predictive Analytics
		ISM 6217 Database Management Systems
		ISM 6404 Introduction to Business Analytics and Big Data
		ISM 6405 Advanced Business Analytics
		ISM 6555 Social Media and Web Analytics
		QMB 6603 Data Analysis for Managers

At least (6) 6000 level courses are required toward fulfilling the degree requirements.

THESIS OPTION (27 credits + 6 thesis credits)

Total: 33 credit hours _____

NON-THESIS OPTION

Total: 33 credit hours _____

GPA (at least 3.0) _____

Advisor's Signature _____ **Date** _____

SUMMARY OF RULES FOR MS (EGIT) DEGREE

Minimum Degree Requirements:

- Prerequisites: all courses must have a grade of “C” or better.
- 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.

Thesis Committee (for Thesis Option):

- Composed of at least three faculty members.
- At least two members from CEECS Department and one member from College of Business.
- Chair from the CEECS department.

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 Online 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/Online Plan of Study 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 submitting your Plan of Study will be accepted toward degree program.

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

Additional Comments or Information:
