

**Big Data Analytics with Computer Science and Business Certificate  
Program Advising Sheet (minimum 12 credits)**

Name: \_\_\_\_\_ Z Number: \_\_\_\_\_

FAU Start Date: \_\_\_\_\_ E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

**Tracks**

- **Big Data Analytics Certificate in Computer Science** will be issued to a student admitted to the CS Track Certificate Program if s/he successfully completes three (3) 3-credit courses from the CS Data Analytics courses and (1) 3-credit course from the ITOM Business Analytics courses.
- **Big Data Analytics Certificate in Business** will be issued to a student admitted to the BU Track Certificate Program if s/he successfully completes three (3) 3-credit courses from the ITOM Business Analytics courses and one (1) 3-credit course from the CS Data Analytics courses.

**CS Data Analytics Courses**

Course	Title	Credits	Semester	Grade
CAP 5615	Intro to Neural Networks	3		
CAP 6315	Social Networks and Big Data Analytics	3		
CAP 6619	Deep Learning	3		
CAP 6673	Data Mining and Machine Learning	3		
CAP 6771	Data Mining for Bioinformatics	3		
CAP 6776	Information Retrieval	3		
CAP 6777	Web Mining	3		
CAP 6778	Advanced Data Mining and Machine Learning	3		
CAP 6780	Big Data Analytics with Hadoop	3		
CAP 6807	Computational Advertising and Real-Time Data Analytics	3		
CEN 6405	Computer Performance Modeling	3		

**ITOM Business - Analytics Courses**

Course	Title	Credits	Semester	Grade
ISM 6136	Data Mining and Predictive Analytics	3		
ISM 6217	Database Management Systems	3		
ISM 6404	Introduction to Business Analytics and Big Data	3		
ISM 6405	Advanced Business Analytics	3		
ISM 6422	Social Media and Web Analytics	3		
QMB 6603	Data Analysis for Managers	3		

**Advisor Comments:**

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Advisor Name: \_\_\_\_\_ Date: \_\_\_\_\_