Department: Mathematics and Computer Sciences
Division: Computer Sciences
Level and Major: Graduate

Course Title: Data Mining and Applications
Number of Credits: 3
Prerequisite:
Lecturer:

Course Description:

Course Goals and Objectives:

Course Topics:

- Introduction to Data Mining
- Data preprocessing
- Features engineering
- Data cube and on-line processing
- Frequent patterns Mining
- Advanced methods in Frequent Patterns Mining
- Classification
- Advanced methods in classification
- Clustering
- Advanced methods in clustering
- Outlier detection and anomalies
- Regression and time series

Reading Resources:

Evaluation: