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Code	<b>ECE 565</b>
Name	<b>Data Mining</b>
Hour per week	3 (3 + 0)
Credit	3
ECTS	10
Level/Year	Graduate / anytime
Semester	Fall
Type	Elective
Prerequisites	-
Content	This course provides an introduction to data mining. It covers data representation, data preprocessing, fundamental pattern discovery techniques such as frequent itemset and association rule detection, and basic concepts of classification and clustering algorithms. This course also presents performance evaluation and testing methods of classification algorithms. Through a course project, the students will program a data mining software and apply the concepts to a real problem.

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