

Code	<b>IE524</b>
Name	<b>Data Mining</b>
Hour per week	3 (3 + 0)
Credit	3
ECTS	10
Level/Year	Graduate
Semester	Fall or Spring
Type	Elective
Prerequisites	IE521
Content	A number of successful applications of data mining have been reported in areas such as credit rating, fraud detection, database marketing, customer relationship management, and stock market investments. The field of data mining has evolved from the disciplines of statistics and artificial intelligence. This course examines methods that have emerged from both fields and proven to be of value in recognizing patterns and making predictions from an applications perspective. Applications will be surveyed and an opportunity for hands-on experimentation with algorithms for data mining using easy-to- use software and cases will be provided.