

COMP 551. APPLIED MACHINE LEARNING.

Credits: 4

Offered by: Computer Science (Faculty of Science)

This course is not offered this catalogue year.

Description

Selected topics in machine learning and data mining, including clustering, neural networks, support vector machines, decision trees. Methods include feature selection and dimensionality reduction, error estimation and empirical validation, algorithm design and parallelization, and handling of large data sets. Emphasis on good methods and practices for deployment of real systems.

- Prerequisite(s): MATH 323 or ECSE 205, COMP 202, MATH 133, MATH 222 (or their equivalents).
- Restriction(s): Not open to students who have taken or are taking COMP 451, ECSE 551, MATH 462, or PSYC 560.
- Some background in Artificial Intelligence is recommended, e.g. COMP-424 or ECSE-526, but not required.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

[Launch Visual Schedule Builder](#)