

CSC 4510: Machine Learn&Theory&Evolution

The mathematical theory behind the design of software systems that adapt to new circumstances and detect and extrapolate patterns; computational complexity; neural networks; decision tree induction; genetic algorithms and genetic programming; research foundations.

Credits: 3

Prerequisites:

CSC 1700

CSC 2300

MAT 4310

STAT 4310

CSC 1700 and (CSC 2300 or MAT 4310 or STAT 4310)

Program: [Computing Sciences](#)