FALL 2019
Computer Science
Special Topics

CS 591-1 / CS 437-1

Tuesday, Thursday
9:35 – 10:50 AM
ASA 118C
Instructor – TBD

Machine Learning &
<u>Soft Computing</u>
(Graduate Category 1)

An introduction to the field of computer intelligence and soft computing. It covers rule-based expert systems, fuzzy expert systems, artificial neural networks, evolutionary computation, and hybrid systems. Students will develop rule-based expert systems, design a fuzzy system, explore artificial neural networks, and implement genetic algorithms.

Prerequisite: CS 330 with a grade of *C* or better

Textbooks: *Artificial Intelligence: A Guide to Intelligent Systems*, Michael Negnevitsky, 3rd edition, Addison Wesley, ISBN: 9781408225745.