

# SUMMER 2018

## Computer Science

Extended Campus / Distance Education

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**CS 491 – 953 / CS 591 – 953**

**ONLINE COURSE**

Instructor –  
Dr. Banafsheh Rekabdar

### **Practical Artificial Intelligence**

An introduction to the area of artificial intelligence and data science. This course will include introduction to basic and advanced theories, algorithms, and practical solutions of artificial intelligence and data science. It covers the basics of tensor flow, neural networks, stacked denoising auto encoder, Convolutional neural networks, and Deep Reinforcement learning.

**Prerequisite:** CS 202 and CS 330 with a grade of C or better, or graduate level standing.

**Textbook:** No textbook required.