CERTIFICATE IN COMPUTATIONAL INTELLIGENCE

The Certificate in Computational Intelligence is intended for students who are interested in Artificial Intelligence and ways in which computers may learn and adapt based on data so as to solve complex problems in various areas of computer science.

Certificate programs offer working professionals an opportunity to increase their knowledge and skills in the specific areas of computer science. A certificate representing proven academic performance is presented after the required nine credit hours of coursework is completed with a GPA of 3.0/4.0. Courses taken may be later applied toward a computer science master's degree program.

Curriculum

Code	Title	Credit Hours
Select nine credit hours from the following:		9
CS 578	Interactive and Transparent Machine Learning	3
CS 581	Advanced Artificial Intelligence	3
CS 577	Deep Learning	3
CS 480	Introduction to Artificial Intelligence	3
CS 512	Computer Vision	3
CS 522	Advanced Data Mining	3
CS 579	Online Social Network Analysis	3
CS 583	Probabilistic Graphical Models	3
CS 584	Machine Learning	3
CS 585	Natural Language Processing	3
Total Credit Hours		**9**