

# CERTIFICATE IN COMPUTATIONAL INTELLIGENCE

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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 coursework is completed with a GPA of 3.0/4.0. Courses taken may be later applied toward an M.S. degree program. Applicants should have a bachelor's degree from an accredited college or university. The degree need not be in computer science.

## Curriculum

Select 9 credit hours from the following:

CS 480	Artificial Intelligence Planning and Control	3	9
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