ARTIFICIAL INTELLIGENCE FOR BUSINESS (AS DEGREE S0844)

Business Division
Degree S0844
The A.S. Degree in Artificial Intelligence for Business is designed for returning CIS, business, marketing, and data analytics professionals with industry experience or students who have completed CIS courses. The degree offers a balanced set of classes that provides students with the knowledge and skills to obtain jobs in the areas of data science, data analysis, data mining, text mining, business intelligence, machine learning, deep learning, natural language processing, and artificial intelligence research. Students will learn how to make business decisions using different machine learning algorithms and deep learning prediction models of different complexities. Students will learn how to use natural language processing to better understand customer intent through sentiment analysis and gather market intelligence.

Required Courses

Course Prefix	Course Name	Units
CISB 11	Computer Information Systems	3.5
CISB 60	Machine Learning in Business	3.5
CISB 62	Deep Learning in Business	3.5
CISB 63	Natural Language Processing in Business	3.5
CISP 71	Programming in Python	3
CISP 71L	Programming in Python Laboratory	0.5
MATH 110	Elementary Statistics	3
or MATH 110H	Elementary Statistics - Honors	
Choose one of the following options:		3.5
CISD 21	Database Management - Microsoft SQL Server	
CISD 21L	Database Management - Microsoft SQL Server Laboratory	
or		
CISD 31	Database Management - Oracle	
CISD 31L	Database Management - Oracle Laboratory	
Total Units		**24**

Program Learning Outcomes

Review Student Learning Outcomes (SLOs) (http://www.mtsac.edu/instruction/outcomes/sloinfo.html) for this program.