

ARTIFICIAL INTELLIGENCE FOR BUSINESS (AS DEGREE S0844)

Business Division

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 |