

# ARTIFICIAL INTELLIGENCE

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This career program prepares students for entry-level positions in a multitude of Artificial Intelligence careers to be utilized in a variety of industries including the medical, manufacturing, financial, and automotive industries. Artificial Intelligence careers include positions such as Data Analytics Engineer, Data Scientist, Machine Learning Specialist, Big Data Engineer and Software Development Professional. The curriculum has been designed to introduce the student to the study of Artificial Intelligence and expose the student to real-world applications where AI is utilized in the areas of Machine Learning, Computer Vision, Natural Language Processing and Neural Networks. The curriculum also includes courses in programming, math, social sciences and humanities. A graduate of the program will have a firm understanding of Artificial Intelligence, the AI Project Lifecycle, various Machine Learning Algorithms such as Supervised and Unsupervised Learning and the ability to construct a Neural Network and apply it to topics such as vision and language processing.

## Degrees

- Computer Science, Associate in Applied Science - Artificial Intelligence Option (<https://catalog.ocean.edu/areas-study/artificial-intelligence/artificial-intelligence-aas/>)

## Certificate

- Artificial Intelligence, Certificate of Completion (<https://catalog.ocean.edu/areas-study/artificial-intelligence/artificial-intelligence-cc/>)