

Artificial Intelligence - Business

Location(s): [Main Campus](#)

HEGIS: 5001

SUNY CODE: 4485

The Artificial Intelligence Business program is designed to teach students the background and skills necessary to compete in the rapidly emergent Artificial Intelligence field. This program will cover artificial intelligence concepts, the wide range of AI uses within the Business environment and across various business industries, machine learning, big data and ethics as it applies to today's digital world.

This program can be taken online, but certain components will require on-campus participation.

The goals of this program are to:

- Prepare students with understanding of Artificial Intelligence and its potential uses across business functions and business industries to provide strategic input to the business.
- Prepare students to understand the importance of Artificial Intelligence with supporting analytics to achieve strategic business goals and objectives.
- Instruct students on the use of various tools to perform analytic and Artificial Intelligence activities to perform analysis of internal and external business information needed to meet strategic business goals and objectives.

Successful graduates from this program will be able to:

- Identify and analyze information across business functions and business industries in order to provide strategic input for the business.
- Apply critical thinking techniques to show understanding of the importance of Artificial Intelligence with supporting analytics and how to extract critical information to achieve strategic business goals and objectives
- Utilize analytic and Artificial Intelligence tools extract and analyze internal and external business information to achieve strategic business goals and objectives.

Career Opportunities/Transfer Information

The following are potential job opportunities for individuals with this degree:

- AI Analyst
- Machine Learning Data Scientist
- Data Science Analyst
- AI Trainer
- Labeling Specialist

Program of Study

1st Year

1st Semester

- [EN 111 - College Writing](#) **Credit Hour(s): 3**
- [IS 115 - Computer Applications I](#) **Credit Hour(s): 3**
- [FS 100 - First Year Student Seminar](#) **Credit Hour(s): 1**
- [BU 108 - Introduction to Artificial Intelligence](#) **Credit Hour(s): 3**
- [MA 127 - Mathematical Statistics I](#) **Credit Hour(s): 3**
- US History and Civic Engagement or World History and Global Awareness Selective **Credit Hour(s): 3**

Subtotal: 16

2nd Semester

- [IS 133 - Data Analytic Tools](#) **Credit Hour(s): 3**
- [BU 109 - Business Applications for AI](#) **Credit Hour(s): 3**
- [IS 216 - Python Programming](#) **Credit Hour(s): 3**
- [MA 128 - Mathematical Statistics II](#) **Credit Hour(s): 3**
- [SS 161 - Introductory Sociology](#) **Credit Hour(s): 3**
- Physical Education Activity **Credit Hour(s): 1**

Subtotal: 16

2nd Year

3rd Semester

- [EN 171 - Introduction to Technical Writing](#) **Credit Hour(s): 3**
- [BU 128 - MIS for Business](#) **Credit Hour(s): 3**
- [HU 160 - Ethics in Today's Digital Environment](#) **Credit Hour(s): 3**
- [BU 228 - Big Data](#) **Credit Hour(s): 3**
- [BU 244 - Introduction to Machine Learning](#) **Credit Hour(s): 3**
- Physical Education Activity **Credit Hour(s): 1**

Subtotal: 16

4th Semester

- [EN 112 - College Literature](#) **Credit Hour(s): 3**
- [BU 246 - Decision Making with AI and Analytics](#) **Credit Hour(s): 3**
- [HU 146 - Introduction to Graphics and Design](#) **Credit Hour(s): 3**
- [BU 229 - Competitive Analytics for Business](#) **Credit Hour(s): 3**
- Natural Science and Scientific Reasoning Selective **Credit Hour(s): 3**

Subtotal: 15

Total Credit Hours: 63

For more information, contact the Business, Health, Science and Technology Division at (315) 866-0300, ext. 8240 or toll free 1-844-GO-4-HERK, ext. 8240.
