# ARTIFICIAL INTELLIGENCE AND CLOUD COMPUTING - ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

Explore More About This Program: https://cwi.edu/program/artificial-intelligence-and-cloud-computing

## Degree Quick Facts

- **Instructional School:** Science, Technology, and Math
- **Department:** Computer Science and Information Technology
- **Program Code:** AICC.AAS
- **Program Type:** Career and Technical Education
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the Special Course Fees web page.

## Degree Requirements

| Course | Course Title | Min Credits |
|---|---|---|
| **General Education Requirements** | | |
| GEM 1 - Written Communication course | | 3 |
| GEM 2 - Oral Communication course | | 3 |
| MATH 143 | Precalculus I: Algebra (GEM 3) [1] | 3 |
| SCIE 102 | Ethics in Science (GEM 6) | 3 |
| MATH 153 | Statistical Reasoning (GE Elective) | 3 |
| **Major Requirements** | | |
| AICC 110 | Introduction to Artificial Intelligence | 4 |
| AICC 120 | Introduction to Python Programming and the Cloud | 4 |
| AICC 130 | Linux for Artificial Intelligence and Cloud Computing | 4 |
| AICC 150 | Python for Artificial Intelligence | 4 |
| AICC 160 | Math for Artificial Intelligence | 4 |
| AICC 170 | Database, Data Mining, and Big Data | 4 |
| AICC 210 | Machine Learning | 4 |
| AICC 220 | Artificial Intelligence for Business | 4 |
| AICC 230 | Artificial Intelligence and Cloud Computing | 4 |
| AICC 250 | Computer Vision | 4 |
| AICC 260 | Natural Language Processing | 4 |
| AICC 270 | Artificial Intelligence for Cybersecurity and the SOC | 4 |
| **Minimum Credit Hours Required** | | **63** |

[1] Students who do not score high enough on the CWI Math Diagnostic exam to place directly into MATH 143 Precalculus I: Algebra have the option of completing MATH 142 Precalculus I: Algebra Plus and MATH 143P Precalculus I: Algebra instead. While this option adds an additional two credits, it will reduce the overall time to degree completion.