

Computer Science - Artificial Intelligence

Program: **Computer Science**

AAS ARTIFICIAL INTELLIGENCE - Guided Pathways/Map

1st Semester

| Item # | Title | Credits |
|---------|--|---------|
| ORI 110 | Freshman Seminar | 1 |
| CIS 134 | IT Fundamentals | 3 |
| CIS 150 | Introduction to Computer Logic and Programming | 3 |
| CIS 149 | Digital Literacy | 3 |
| ENG 101 | English Composition I | 3 |
| MTH 100 | Intermediate College Algebra | 3 |
| | Sub-Total Credits | 16 |

2nd Semester

| Item # | Title | Credits |
|---------|--|---------|
| CIS 211 | Principles of Information Assurance | 3 |
| CIS 199 | Network Communications | 3 |
| CIS 238 | Cloud Computing: Infrastructure and Services | 3 |
| ENG 102 | English Composition II | 3 |
| MTH 112 | Precalculus Algebra | 3 |
| | Sub-Total Credits | 15 |

3rd Semester

| Item # | Title | Credits |
|---------|---------------------------|---------|
| CIS 146 | Computer Applications | 3 |
| CIS 267 | Enterprise Virtualization | 3 |
| IDS 102 | Ethics | 3 |
| PSY 200 | General Psychology | 3 |
| | Sub-Total Credits | 12 |

4th Semester

| Item # | Title | Credits |
|---------|--|---------|
| CIS 248 | Introduction to IOT (Internet of Things) | 3 |
| CIS 251 | C++ Programming | 3 |
| CIS 294 | Special Topics | 3 |
| CIS 222 | Database Management Systems | 3 |
| | Sub-Total Credits | 12 |

5th Semester

| Item # | Title | Credits |
|---------------|---|----------------|
| CIS 205 | Control Language and Utilities Applications | 3 |
| CIS 202 | Python Programming | 3 |
| CIS 171 | Linux I | 3 |
| CIS 281 | System Analysis and Design | 3 |
| | Sub-Total Credits | 12 |
| | Total credits: | 67 |