

# INFORMATION TECHNOLOGY MAJOR, BS

**Campus:** NYC, Westchester

| Course                                    | Title  | Credits      |
|---|--|--------------|
| <b>First Year</b>                         |  |              |
| <b>Fall</b>                               |  |              |
| UNV 101                                   | First-Year Seminar: Introduction to University Community | 1            |
| CIT 110                                   | Introduction to Information Technology                   | 3            |
| MAT 103<br>or MAT 104                     | Algebra<br>or Finite Mathematics                         | 3            |
| ENG 110                                   | Composition  | 3            |
| Learning Community                        |  | 6            |
| <b>Credits</b>                            |  | <b>16</b>    |
| <b>Spring</b>                             |  |              |
| CIT 211                                   | Platform Technologies and Architecture                   | 4            |
| CIT 241                                   | Database Management                                      | 4            |
| MAT 104<br>or MAT 117                     | Finite Mathematics<br>or Elementary Statistics           | 3            |
| ENG 120                                   | Critical Writing   | 4            |
| AOK/ARE Course                            |  | 3            |
| <b>Credits</b>                            |  | <b>18</b>    |
| <b>Second Year</b>                        |  |              |
| <b>Fall</b>                               |  |              |
| CIT 221                                   | Global Networking Technology                             | 4            |
| CIT 261                                   | Introduction to Coding Using Python                      | 4            |
| MAT 117                                   | Elementary Statistics                                    | 3            |
| AOK/ARE Course                            |  | 3            |
| Language 1                                |  | 3            |
| Civic Engagement                          |  | 3            |
| <b>Credits</b>                            |  | <b>20</b>    |
| <b>Spring</b>                             |  |              |
| CIT 251                                   | Computer Security Overview                               | 4            |
| ENG 201                                   | Writing in the Disciplines                               | 3            |
| Language 2                                |  | 3            |
| Lab Science                               |  | 3            |
| AOK/ARE Course                            |  | 3            |
| <b>Credits</b>                            |  | <b>16</b>    |
| <b>Third Year</b>                         |  |              |
| <b>Fall</b>                               |  |              |
| COM 200                                   | Public Speaking  | 3            |
| IT Concentration Course                   |  | 3-4          |
| Minor or Elective Course                  |  | 3            |
| AOK/ARE Course                            |  | 3            |
| <b>Credits</b>                            |  | <b>12-13</b> |
| <b>Spring</b>                             |  |              |
| Advanced CIT Courses                      |  | 3-4          |
| Choose 2 major electives or minor courses |  | 4            |
| AOK/ARE Course                            |  | 6            |
| <b>Credits</b>                            |  | <b>13-14</b> |

**Fourth Year**

**Fall**

|  |     |
|--|-----|
| Advanced elective course in CIT                  | 3-4 |
| Choose 2 major electives from the curriculum tab | 6   |
| AOK/ARE Course                                   | 3   |

|                |              |
|----------------|--------------|
| <b>Credits</b> | <b>12-13</b> |
|----------------|--------------|

**Spring**

|  |  |     |
|--|--|-----|
| CIT 471<br>or CIT 481                            | Information Technology Internship<br>or Capstone in Information Technology | 4   |
| Choose 3 major electives from the curriculum tab |  | 6-8 |
| AOK/ARE Course                                   |  | 3   |

|                |              |
|----------------|--------------|
| <b>Credits</b> | <b>13-15</b> |
|----------------|--------------|

|                      |                |
|----------------------|----------------|
| <b>Total Credits</b> | <b>120-125</b> |
|----------------------|----------------|