|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Florida International University | | | | | **Bachelor of Science in Information Technology**  **Software major**  **Five-year, part-time, non-transfer** | |
|  | |
|  | |
|  |  |  |  |  |  |  |
| **Fall 2012** | Credits | Critical Progress |  | **Spring 2013** | Credits | Critical Progress |
| CGS 1920 - Introduction to Computing | 1 |  |  | MAC 1114 - Trigonometry | 3 | **Critical Progress: Completed** |
| MAC 1105 - Algebra, if needed, or General Electives | 3 | **Critical Progress: Completed** |  | UCC courses | 9 |  |
| UCC courses | 8 |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Total Hours** | 12 | ***Min GPA: 2.2*** |  | **Total Hours** | 12 | ***Min GPA: 2.2*** |
|  |  |  |  |  |  |  |
| **Fall 2013** | Credits | Critical Progress |  | **Spring 2014** | Credits | Critical Progress |
| CGS 2518 – Data Analysis | 3 |  |  | MAD 2104 – Discrete Mathematics | 3 | **Critical Progress: Completed** |
| PSY 2012 – Introduction to Psychology | 3 |  |  | UCC courses | 4 |  |
| UCC courses | 3 |  |  | General Electives | 5 |  |
| General Electives | 3 |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Total Hours** | 12 | ***Min GPA: 2.2*** |  | **Total Hours** | 12 | ***Min GPA: 2.2*** |
| Term One   |  |  |  | | --- | --- | --- | | **Summer 2014** | Credits | Critical Progress | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | | **Total Hours** |  | ***Min GPA:*** | | Credits | Critical Progress |  | Term One | Credits | Critical Progress |
| **Fall 2014** | Credits | Critical Progress |  | **Spring 2015** | Credits | Critical Progress |
| COP 2210 – Programming I | 4 | **Critical Progress: Completed and B-** |  | CEN 3721 – Human Computer Interaction | 3 |  |
| UCC courses | 3 |  |  | CGS 3767 – Computer Operating Systems | 3 | **Critical Progress: Completed and C+** |
| General Electives | 5 |  |  | ENC 3213 - Professional and Technical Writing | 3 |  |
|  |  |  |  | List A (Interdisciplinary Courses) | 3 |  |
|  |  |  |  |  |  |  |
| **Total Hours** | 12 | ***Min GPA: 2.2*** |  | **Total Hours** | 12 | ***Min GPA: 2.2*** |
|  |  |  |  |  |  | |  |  |  | | --- | --- | --- | | **Summer 2015** | Credits | Critical Progress | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | | **Total Hours** |  | ***Min GPA:*** | |
| **Fall 2015** | Credits | Critical Progress |  | **Spring 2016** | Credits | Critical Progress |
| COP 3337- Programming II | 3 | **Critical Progress: Completed and B-** |  | CGS 4285 - Applied Computer Networking | 3 |  |
| COP 3402 – Fundamentals of Computer Systems | 3 |  |  | CGS 4366 - Information Storage and Retrieval | 3 |  |
| CGS 3092 - Professional Ethics and Social Issues in Computing | 1 |  |  | CGS 4854 - Website Construction and Management | 3 |  |
| General Electives | 5 |  |  | General Electives | 3 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Total Hours** | 12 | ***Min GPA: 2.2*** |  | **Total Hours** | 12 | ***Min GPA: 2.2*** |

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| **Fall 2016** | Credits | Critical Progress |  | **Spring 2017** | Credits | Critical Progress |
| COP 3530 - Data Structures | 3 |  |  | COP 4338 – Programming III | 3 |  |
| CNT4403 - Computing and Network Security | 3 |  |  | COP4814 - Component-Based Software Development | 3 |  |
| List A (Interdisciplinary Courses) | 3 |  |  | List A (Interdisciplinary Courses) | 3 |  |
| List B (IT Electives) | 3 |  |  | List B (IT Electives) | 3 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Total Hours** | 12 | ***Min GPA: 2.2*** |  | **Total Hours** | 12 | ***Min GPA: 2.0*** |

List A – Interdisciplinary Credits: Nine credits must be taken outside SCIS. These credits must be selected from the courses for a minor or certificate in another discipline. All nine credits must be taken from the same minor or certificate.

List B: - IT Electives: Students must take 2 elective courses in one area of concentration. Areas: System Administration (CIS 4431 - IT Automation, CTS 4348 Unix Admin), Database Administration (COP 4722 - DB Survey, COP 4723 - DB Admin), Network Administration (CNT 4504 - Advanced Network Management, CNT 4513 - Data Communications), Application Development (COP 4005 - Windows Programming for IT, COP 4813 - Web Application Programming , COP 4655 - Mobile Application Development).

For students who are deficient in a foreign language, the general electives should include a two-semester sequence in one foreign language.

Students are required to earn at least nine credit hours prior to graduation by attending one or more summer semesters at FIU or any other University in the Florida State system.