|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2015-2016** | **Bachelor of Science (B.S.) :**  **Computer Science & Information Technology** | |  | | | | | | |
| **Courses in BOLD are required by this major**  **Courses in regular type are to fulfill general education requirements and DO NOT have to be taken the specific semester stated.**  ***Courses in ITALIC are strongly recommended***  **ALSO REQUIRED FOR GRADUATION**   * **120 credit hours** * **39 Upper division credits** * **2.00 GPA** * **Completion of all major & gen ed requirements** |
| **First Year Fall**  ***(consider a WT)*** | **GE Goal** | | **Sem Hours** | **Date Met** | **First Year Spring** | **GE Goal** | **Sem Hours** | **Date Met** |
| **CSIT1100 Principles of Computing** |  | | **3** |  | **CSIT1200 Data Structures** |  | **3** |  |
| ENGL1410 Modern Rhetoric OR  ENGL1440 English Honors | 3C | | 3 |  | **CSIT1300 Unix and Linux Systems** |  | **3** |  |
| Social/Behavioral Science: *ECON1300* | 1c | 3 |  |
| **MATH1380 Statistics or MATH1510 Calculus** | **3a** | | **3** |  |  |  |  |  |
| Arts ₅ | 2a | | 3 |  | HLTH1300 Lifetime Health/Fitness Lab | 3f | 2 |  |
| INTD1100 Critical Thinking in Arts & Sciences₁ |  | | 3 |  | PE Activity | 3f | 1 |  |
|  | | | |
| *CSIT1050 Comp Based Acad. Research₂* |  | | 1 |  |  |  |  |  |
| **Total Hours** |  | | **16** |  | **Total Hours** |  | **15** |  |
| **Notes:** Recommend taking CSIT1060 for Winter Term. | | | | | | | | |
| **Second Year Fall**  ***(consider a WT)*** | **GE Goal** | | **Sem**  **Hours** | **Date Met** | **Second Year Spring** | **GE Goal** | **Sem Hours** | **Date Met** |
| **CSIT2010 Object-Orient Programming** |  | | **3** |  | **CSIT2100 Intermd. Programming₃** |  | **3** |  |
| **CSIT2200+ Comp Org & Hardware** |  | | **3** |  | Humanities | 2b | **3** |  |
| Natural Science | 1a | | **3** |  | History/Political Science | 1b | **3** |  |
| **MATH1350 Discrete Math** | **3a** | | **3** |  | Ethics/Values | 3e | **3** |  |
| Any Gen Ed Goal 1 Science | 1d | **3** |  |
| Human Diversity | 4 | | 3 |  |  |  |  |  |
| **Total Hours** |  | | **15** |  | **Total Hours** |  | **15** |  |
| **Notes: Be sure to connect with your faculty advisor early on during the third year to discuss internship opportunities! Internships need to be approved in order to receive academic credit.** | | | | | | | | |
| **Third Year Fall**  ***(check your degree audit!)*** | **GE Goal** | | **Sem**  **Hours** | **Date Met** | **Third Year Spring** | **GE Goal** | **Sem Hours** | **Date Met** |
| **\* See Catalog for specific information**  **+denotes courses offered only every other year** | ENGL3XXX Advanced Comp |  | | **3** |  | **Upper Division CSIT Elective₃** |  | **3** |  |
| **CSIT3300 Database Concepts & SQL** |  | | **3** |  | **CSIT3100+ Oper. Systems & Networks** |  | **3** |  |
| **Upper Division CSIT Elective₃** |  | | **3** |  | Upper Division Elective |  | **3** |  |
| Upper Division Elective |  | | **3** |  | Elective |  | **3** |  |
| Elective |  | | 3 |  | **CSIT3500** |  | **3** |  |
|  | **Total Hours** |  | | **15** |  | **Total Hours** |  | **15** |  |
|  | **Notes:** | | | | | | | | |
|  |
|  | **Fourth Year Fall**  ***(apply for graduation!)*** | **GE Goal** | | **Sem**  **Hours** | **Date Met** | **Fourth Year Spring** | **GE Goal** | **Sem Hours** | **Date Met** |
|  | **CSIT3200 Systems Analysis & Design** |  | | **3** |  | **CSIT4100 Syst. Dev. Project₄** |  | **3** |  |
| **Upper Division CSIT Elective₃** |  | | **3** |  | **Upper Division CSIT Elective₃** |  | **3** |  |
|  | Upper Division Elective |  | | **3** |  | Upper Division Elective |  | **3** |  |
|  | Elective |  | | **3** |  | Elective |  | **3** |  |
|  | Elective |  | | **3** |  | Elective |  | **3** |  |
|  | **Total Hours** |  | | **15** |  | **Total Hours** |  | **15** |  |
|  | **Notes:** | | | | | | | | |
| **Updated:**  **6/12/2015** |
| **₁ Graduation requirement for all first time freshmen**  **₂ CSIT faculty recommend this course and also recommend CSIT1020, 1030, and/or 1040 if any of those skills are lacking.**  **₃At least 2 semester hours required, but typically a 3 semester hour course. You can retake CSIT2100 for different languages (recommended).**  **₄Students who have not done an internship (CSIT3700) or research study (CSIT4000) must do a senior project (CSIT4100).**  **₅ARTS1100 or 1700 preferred.**  ***NOTE: It is recommended that students interested in Computer Science careers should minor in Math and take lab science courses and students interested in Information Technology careers should minor in Business Administration and take statistics. Freshman math courses could be moved to the next year without hindering the four year plan.***  **DISCLAIMER: These plans are to be used as guides only and are subject to changes in curriculum requirements. Refer to your Graceland Catalog for complete and accurate information. The student has the ultimate responsibility for scheduling and meeting the graduation requirements.** | | | | | | | | |
| **Name:**  **ID:** |
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