# Computer Information Systems (CIS) Five Semester Degree Map

## Year 1

### Semester 1
- **ENG 100.5** Intensive English Composition
- **MAT 150.5** Statistics with Algebra
- **CSC 101** Principles in Information Technology and Computation

### Semester 2
- **ACC 122** Accounting Principles I
- **CSC 110** Computer Programming I
- **SPE 100** Fundamentals of Public Speaking
- **ENG 201** Introduction to Literature

## Year 2

### Semester 3
- **BUS 104** Introduction to Business
- **CSC 210** Computer Programming II
- **CIS 345** Telecommunication Network I
- **XXX xxx** Program Elective

### Semester 4
- **CIS 385** Web Programming I
- **CIS 395** Database System I
- **CIS 440** Unix
- **XXX xxx** Program Elective

## Year 3

### Semester 5
- **CIS 485** Web Programming II
- **CIS 495** Database System II
- **XXX xxx** Electives
- **AST 110** General Astronomy

## Total: 60 Credits

### Footnotes

1. ENG 100.5 is a combination of Intensive Writing and English Composition. Students must be exempt reading (ACR) in order to take this course. Once this course is passed, students will be able to move on to ENG 201.
2. MAT 150.5 is a combination of Elementary Algebra and Introduction to Statistics. MAT 150.5 will satisfy the Mathematical & Quantitative Requirement.
3. MAT 150.5 is a combination of MAT 51 and MAT 150. MAT 150.5 will satisfy the Mathematical & Quantitative Reasoning requirement.
4. CSC 101 should be taken in the first semester as it is a prerequisite course for CSC 110.
5. CSC 110 is an alternative option.
6. SPE 102 is an option for non-native speakers of English.
7. MAT 206.5 is a co-requisite course for CSC 210.
9. CSC 101 should be taken in the first semester as it is a prerequisite course for CSC 110.
10. CSC 110 is an alternative option.
11. A total of 3 credits is required. Choose from ACC, BUS, CSC, GIS, or MMP except for CIS 100.
12. PHY 110 is an alternative option.
13. A Writing Intensive course is needed to graduate.