

1ST YEAR

FALL

| Course Number | Course Title | Credit Hours |
|---------------|--|--------------|
| FYE 1350 | Foundation of RAM Success | 3 |
| Gen-ed | Oral Communication | 3 |
| MAT 2417 | Calculus I | 4 |
| CSC 1312 | Computer Ethics, Regulations & Policies | 3 |
| *CSC 1310 | Computer Programming I (Problem Solving) | 3 |
| Total | | 16 |

SPRING

| Course Number | Course Title | Credit Hours |
|---------------|---|--------------|
| Gen-ed | Data Fluency | 3 |
| Gen-ed | Written Communication (WRI 1301) | 3 |
| Gen-ed | Oral Communication | 3 |
| MAT 2418 | Calculus II | 4 |
| *CSC 1311 | Computer Programming II (Problem Solving) | 3 |
| Total | | 16 |

*indicates classes offered in both semesters

ADDITIONAL INFORMATION

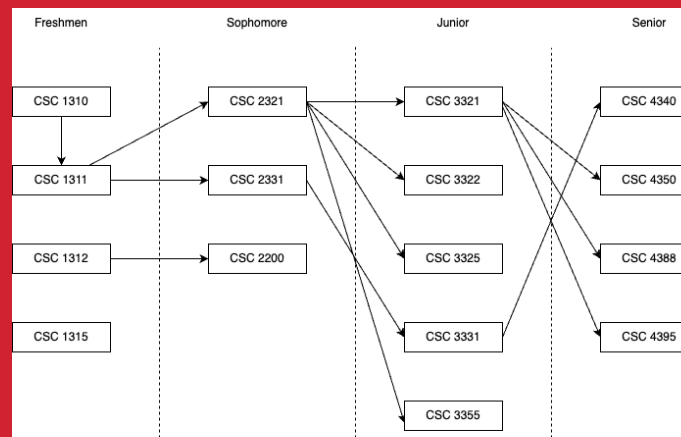
WSSU'S GENERAL EDUCATION OUTCOMES

- Date Fluency
 - Written Communication
 - Problem Solving
 - Oral Communication
1. Students have to do at least 3 courses in each general education outcome
 2. Students have to get at least a C (70%) in all required classes
 3. Most CIT and CSC courses are cross-listed and taught together

AMOUNT OF CREDIT HOURS PER COURSE TYPE

| | Fall | Spring | Total |
|---------|------|--------|-------|
| Math | 10 | 7 | 17 |
| FYE | 3 | 0 | 3 |
| Science | 4 | 4 | 8 |
| CSC | 30 | 26 | 56 |
| Gen-ed | 15 | 21 | 36 |
| Total: | | | 120 |

PRE-REQUISITE STRUCTURE



COMPUTER SCIENCE BACHELORS DEGREE

Plan of Study Guide



Computer Science

RAMS TAKE CHARGE

2ND YEAR

FALL

| Course Number | Course Title | Credit Hours |
|---------------|--------------------------------------|--------------|
| Gen-ed | Written Communication | 3 |
| Gen-ed | Oral Communication | 3 |
| Gen-ed | Data Fluency (MAT 2326) | 3 |
| CSC 1315 | Intro to Data Science (Data Fluency) | 3 |
| *CSC 2321 | Intro to Computer Hardware Interface | 3 |
| Total | | 15 |

SPRING

| Course Number | Course Title | Credit Hours |
|---------------|-------------------------------|--------------|
| Gen-ed | Written Communication | 3 |
| Gen-ed | Problem Solving | 3 |
| Gen-ed | Areas of Knowledge/Curricular | 3 |
| CSC 2200 | Computer Application Lab | 2 |
| CSC 2331 | Data Structures | 3 |
| Total | | 14 |

*indicates classes offered in both semesters

3RD YEAR

FALL

| Course Number | Course Title | Credit Hours |
|---------------|---|--------------|
| Gen-ed | Areas of Knowledge/Curricular | 3 |
| Science Req. | Science Requirement Class 1 and Lab (3 - Lecture/1 - Lab) | 4 |
| MAT 2316 | Linear Algebra | 3 |
| *CSC 3321 | Operating Systems | 3 |
| CSC 3325 | Intro to Information Security | 3 |
| Total | | 16 |

SPRING

| Course Number | Course Title | Credit Hours |
|---------------|---|--------------|
| Gen-ed | Areas of Knowledge/Curricular | 3 |
| Science Req. | Science Requirement Class 2 and Lab (3 - Lecture/1 - Lab) | 4 |
| MAT 2337 | Discrete Mathematics | 3 |
| CSC 3322 | Computer Architecture | 3 |
| CSC 3331 | Computer Theory and Analysis of Algorithms | 3 |
| Total | | 16 |

*indicates classes offered in both semesters

4TH YEAR

FALL

| Course Number | Course Title | Credit Hours |
|---------------|---------------------------------------|--------------|
| MAT 3310 | Probability and Statistics | 3 |
| CSC 3355 | Database Management | 3 |
| CSC 4340 | Organization of Programming Languages | 3 |
| CSC 4350 | Software Engineering | 3 |
| CSC 43WX | Advanced Elective | 3 |
| Total | | 15 |

SPRING

| Course Number | Course Title | Credit Hours |
|---------------|------------------------------|--------------|
| CSC 4388 | Systems Design & Development | 3 |
| CSC 4395 | Artificial Intelligence | 3 |
| CSC 43XY | Advanced Elective | 3 |
| CSC 43YZ | Advanced Elective | 3 |
| Total | | 12 |

*indicates classes offered in both semesters