

Computer Science (BS)

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

| Cr. | First Semester | Cr. | Second Semester |
|------------|--|------------|---|
| 4 | MATH.125 Calculus I | 4 | MATH.126 Calculus II |
| 4 | COMPSCI.121 Object-Oriented Prog w/Java | 4 | COMPSCI.122 Graphical User Interfaces in Java |
| 3 | ENGLISH.101 Found of College Writing | 3 | General Education Course |
| 3 | General Education Course | 3 | COMMSTUD.103 Public Speaking |
| 3 | General Education Course | 3 | COMPSCI.357 Principles of Database Design |
| 17 | Total Semester Credits | 17 | Total Semester Credits |
| Cr. | Third Semester | Cr. | Fourth Semester |
| 3 | MATH.185 Discrete Mathematics | 3 | MATH.141 Introduction to Statistics or MATH.241 Probability & Statistics |
| 4 | COMPSCI.221 Advanced Java | 3 | COMPSCI.330 Computer Organization |
| 3 | COMPSCI.240 C & Assembly Lang Prog | 4 | Elective Lab Science Course 2 |
| 3 | INTSTUDY.231 Technical Writing | 3 | General Education Course |
| 4 | Elective Lab Science Course 1 | 4 | COMPSCI.255 Data Structures using C++ |
| 17 | Total Semester Credits | 17 | Total Semester Credits |
| Cr. | Fifth Semester | Cr. | Sixth Semester |
| 3 | COMPSCI.355 Analysis of Algorithms & Data Struct | 3 | Computer Science Elective 2 |
| 3 | COMPSCI.360 Comp Ethics, Social Imp & Sec | 3 | COMPSCI.386 Oper Systems |
| 3 | COMPSCI.350 Org of Programming Languages | 3 | Mathematics Elective |
| 3 | Math/Science Elective | 3 | General Education Course |
| 3 | Computer Science Elective 1 | 4 | Lab Science Elective |
| 15 | Total Semester Credits | 16 | Total Semester Credits |
| Cr. | Seventh Semester | Cr. | Eighth Semester |
| 3 | Computer Science Elective 3 | 4 | COMPSCI.480 Object-Oriented Software Engin |
| 3 | General Education Course | 3 | Free Elective |
| 3 | Free Elective | 3 | Free Elective |
| 3 | Free Elective | 2 | Free Elective |
| 12 | Total Semester Credits | 12 | Total Semester Credits |

TOTAL CREDITS: 120