

2019 Curriculum in Computer Science

Department of Computer Science

Student Name _____
ID# _____

GPA _____
Hours _____

Freshman Year (0-34)

| First Semester | CR | HR | TRSF | Second Semester | CR | HR | TRSF |
|--------------------------------------|----|-------|-------|--------------------------------------|----|-------|-------|
| Intro to Computer Science (CSCI 150) | 3 | _____ | _____ | Programming I (CSCI 210) | 3 | _____ | _____ |
| *College Algebra & Trig I (MATH107) | 4 | _____ | _____ | *College Algebra & Trig II (MATH108) | 4 | _____ | _____ |
| English Composition I (ENGL 101) | 3 | _____ | _____ | English Composition II (ENGL 102) | 3 | _____ | _____ |
| World Civilization I (HIST 103) | 3 | _____ | _____ | World Civilization II (HIST 104) | 3 | _____ | _____ |
| Humanities Elective I | 2 | _____ | _____ | Humanities Elective II | 3 | _____ | _____ |
| Physical Education | 1 | _____ | _____ | Freshman Orientation (OREN 101) | 1 | _____ | _____ |
| Freshman Orientation (OREN 100) | 1 | _____ | _____ | | | | |

Sophomore Year (35-65)

| First Semester | CR | HR | TRSF | Second Semester | CR | HR | TRSF |
|--------------------------------------|----|-------|-------|------------------------------------|----|-------|-------|
| Programming II (CSCI 220) | 3 | _____ | _____ | Data Structures (CSCI 230) | 3 | _____ | _____ |
| Comp. Org. & Assem. Lang. (CSCI 225) | 3 | _____ | _____ | Social Science Elective | 3 | _____ | _____ |
| Calculus I (MATH 207) | 4 | _____ | _____ | Principles of Economics (ECON 201) | 3 | _____ | _____ |
| Physical Education | 1 | _____ | _____ | Calculus II (MATH 208) | 4 | _____ | _____ |
| Natural Science Elective | 4 | _____ | _____ | Computer Architecture (CSCI 335) | 3 | _____ | _____ |
| | | | | English Proficiency Exam (EPE) | 0 | _____ | _____ |

Junior Year (67-95)

| First Semester | CR | HR | TRSF | Second Semester | CR | HR | TRSF |
|-------------------------------------|----|-------|-------|----------------------------------|----|-------|-------|
| Technical Writing (ENGL 203/204) | 3 | _____ | _____ | Theory of Computation (CSCI 445) | 3 | _____ | _____ |
| Discrete Math Structures (CSCI 300) | 3 | _____ | _____ | Programming Language (CSCI 320) | 3 | _____ | _____ |
| App. Stat. & Stat. Comp (CSCI 360) | 3 | _____ | _____ | Database Management (CSCI 340) | 3 | _____ | _____ |
| Computer Networks (CSCI 370) | 3 | _____ | _____ | Information Security (CSCI 380) | 3 | _____ | _____ |
| Computer Science Elective | 3 | _____ | _____ | Computer Science Elective | 3 | _____ | _____ |

Senior Year (97-126)

| First Semester | CR | HR | TRSF | Second Semester | CR | HR | TRSF |
|---|----|-------|-------|--|----|-------|-------|
| Software Engineering (CSCI 430) | 3 | _____ | _____ | Operating Systems (CSCI 435) | 3 | _____ | _____ |
| Design & Anal. of Algorithms (CSCI 350) | 3 | _____ | _____ | Ethic. & Soc. Issues in Comp (CSCI481) | 3 | _____ | _____ |
| Linear Algebra (MATH 407) | 3 | _____ | _____ | Senior Design Project (CSCI 453) | 3 | _____ | _____ |
| Computer Science Elective | 3 | _____ | _____ | Business Communication (BUSN 400) | 3 | _____ | _____ |
| Computer Science Elective | 3 | _____ | _____ | Natural Science Elective | 4 | _____ | _____ |

* Students may be exempted (but credit hours must be replaced) based on Mathematics placement policy and/or SAT/ACT (math) scores.

** A minimum grade of "C" is required in ENGL 101, 102, ECON 201, BUSN, CSCI, and MATH courses. Course work in natural science must include the equivalent of a two semester sequence (with lab) for science majors.

SPECIAL NOTE: Please refer over to the list of suggested electives.

I hereby verify that the information contained in this curriculum, including all credit hours, grades, and transfer course(s), is complete and correct to the best of my knowledge. Any deviation from the registrar's record may result in denial of application for graduation and/or delaying graduation.

 Student's Signature

 Date

 Advisor

 Department Head

List of Suggested Electives

[illegible]