



Approved 18 July 2017 by Prof. Julie Johnson

| Semester 1 | Course | Cr Hrs |
|----------------------------------|---------------------------|--------|
| CHEM 1601, 1601L (102A, 104A) | General Chemistry | 4 |
| ES 1401, 1402, 1403 (140A, B, C) | Intro to Engineering | 3 |
| MATH 1300 (155A) | Acc Single-Var Calculus I | 4 |
| | LAC | 3 |
| | Vanderbilt Visions | 0 |
| | | |
| | total hours | 14 |

| Semester 2 | Course | Cr Hrs |
|-------------------------------|----------------------------|--------|
| CS 1101 | Prog & Prob Solving | 3 |
| MATH 1301 (155B) | Acc Single-Var Calculus II | 4 |
| PHYS 1601, 1601L (116A, 118A) | General Physics I | 4 |
| | Open Elective | 3 |
| | | |
| | | |
| | total hours | 14 |

| Semester 3 | Course | Cr Hrs |
|-------------------------------|---------------------------|--------|
| CS 2201 | Prog Design & Data Struct | 3 |
| EECE 2116, 2116L (116, 116L) | Digital Logic | 4 |
| | Open Elective | 3 |
| PHYS 1602, 1602L (116B, 118B) | General Physics II & Lab | 4 |
| | | |
| | | |
| | total hours | 14 |

| Semester 4 | Course | Cr Hrs |
|-----------------|------------------------|--------|
| CS 2212 | Discrete Structures | 3 |
| CS 2231 | Computer Organization | 3 |
| CS 3251 | Int. Software Design | 3 |
| MATH 2300 (175) | Multivariable Calculus | 3 |
| | LAC | 3 |
| | | |
| | total hours | 15 |

| Semester 5 | Course | Cr Hrs |
|------------|---------------------------|--------|
| CS 3270 | Programming Languages | 3 |
| CS 3281 | Prin Operating Systems I | 3 |
| CS 3250 | Algorithms | 3 |
| Math 2820 | Intro to Prob & Math Stat | 3 |
| | Open Electives | 5 |
| | | |
| | total hours | 17 |

| Semester 6 | at DIS Copenhagen | Cr Hrs |
|------------|--------------------|--------|
| | CS Depth Elective* | 3 |
| | CS Depth Elective* | 3 |
| | CS Tech Elective | 3 |
| | LAC | 3 |
| | Open Elective | 3 |
| | | |
| | total hours | 15 |

| Semester 7 | Course | Cr Hrs |
|------------|---------------------------|--------|
| CS 4959 | CS Project Seminar | 1 |
| | CS Depth Elective* | 3 |
| MATH 2410 | Methods of Linear Algebra | 3 |
| | Math Elective | 3 |
| | LAC (Writing) | 3 |
| | Open Elective | 3 |
| | | |
| | total hours | 16 |

| Semester 8 | Course | Cr Hrs |
|------------|-------------------|--------|
| | CS Project Course | 3 |
| | CS Tech Elective | 3 |
| | LAC | 3 |
| | LAC | 3 |
| | Open Elective | 3 |
| | | |
| | total hours | 15 |

total hours = 120

This curriculum plan is a guide but is NOT authoritative. The Undergraduate Catalog is the authoritative document regarding degree requirements. Students considering studying abroad should consult the catalog and discuss their plans with their academic advisers.

**Plan carefully and consult with your adviser about taking CS depth electives in preparation for your CS project course.*