

| <b>First Year</b>                           |             |  |             |
|---|-------------|--|-------------|
| <b>Fall</b>                                 |             | <b>Spring</b>  |             |
| COMP 110: Computational Problem Solving     | 3.5         | COMP 120: Computer Programming II (COMP 151)                       | 3.5         |
|   |             | MATH 151: Calculus II  | 4           |
| MATH 150: Calculus I                        | 4           | MATH 260: Foundations of Higher Math or<br>MATH 262: Discrete Math | 3           |
| Core Curriculum                             | 9           | Core   | 6           |
| <b>Total Hours</b>                          |             | <b>Total Hours</b>   |             |
|   | <b>16.5</b> |  | <b>16.5</b> |
| <b>Second Year</b>                          |             |  |             |
| <b>Fall</b>                                 |             | <b>Spring</b>  |             |
| ISYE 330: Engineering Probability and Stats | 3           | COMP 230: Adv Problem Modeling                                     | 3.5         |
| COMP 280: Intro to Computer Systems         | 3.5         | COMP systems course  | 3.5         |
| Natural Science                             | 3           | MATH 320: Linear Algebra   | 3           |
| Core Curriculum                             | 6           | Core Curriculum  | 6           |
| <b>Total Hours</b>                          |             | <b>Total Hours</b>   |             |
|   | <b>15.5</b> |  | <b>16</b>   |
| <b>Third Year</b>                           |             |  |             |
| <b>Fall</b>                                 |             | <b>Spring</b>  |             |
| COMP sys course or upper div elective       | 3           | COMP sys course or upper div elective                              | 3           |
| COMP 305: Object-Oriented Programming       | 3           | COMP 480: Algorithms   | 3           |
| Natural Science                             | 3           | Upper-Division COMP Elective                                       | 3           |
| Core and Electives                          | 6           | Core and Electives   | 6           |
| <b>Total Hours</b>                          |             | <b>Total Hours</b>   |             |
|   | <b>15</b>   |  | <b>15</b>   |
| <b>Fourth Year</b>                          |             |  |             |
| <b>Fall</b>                                 |             | <b>Spring</b>  |             |
| COMP 370: Automata                          | 3           | COMP 492: Senior Project II  | 3           |
| COMP 491: Senior Project I                  | 3           | Upper-Division COMP Elective                                       | 3           |
| Core and Electives                          | 9           | Core and Electives   | 12          |
| <b>Total Hours</b>                          |             | <b>Total Hours</b>   |             |
|   | <b>15</b>   |  | <b>18</b>   |