

# Advising Course Plan - Computer Science Major

- <sup>1</sup> Course offered every fall and spring semester  
<sup>2</sup> Course offered every fall semester  
<sup>3</sup> Course offered every spring semester  
<sup>4</sup> Course offered annually, either fall or spring semester

| First Year                                   |                                       |          |
|--|---------------------------------------|----------|
| Fall   |                                       | Units    |
| MATH 141Q <sup>1</sup>                       | Calculus I with Analytic Geometry     | 1        |
| CSCI 141 <sup>1</sup>                        | Introduction to Computer Science I    | 1        |
| FSEM 100                                     | First Year Seminar                    | 1        |
| General Education requirement                |                                       | 1        |
| <b>Term Units</b>                            |                                       | <b>4</b> |
| Spring                                       |                                       |          |
| MATH 142Q <sup>1</sup>                       | Calculus II with Analytic Geometry    | 1        |
| CSCI 142 <sup>1</sup>                        | Introduction to Computer Science II   | 1        |
| General Education Requirement                |                                       | 1        |
| Elective                                     |                                       | 1        |
| <b>Term Units</b>                            |                                       | <b>4</b> |
| Second Year                                  |                                       |          |
| Fall   |                                       |          |
| CSCI 201 <sup>2</sup>                        | Introduction to Computer Organization | 1        |
| CSCI 221 <sup>1</sup>                        | Software Development I                | 1        |
| Natural Science Elective                     |                                       | 1        |
| Elective                                     |                                       | 1        |
| <b>Term Units</b>                            |                                       | <b>4</b> |
| Spring                                       |                                       |          |
| CSCI 231                                     | Discrete Structures                   | 1        |
| Natural Science Elective                     |                                       | 1        |
| General Education Requirement (any V course) |                                       | 1        |
| Elective                                     |                                       | 1        |
| <b>Term Units</b>                            |                                       | <b>4</b> |
| Third Year                                   |                                       |          |
| Fall   |                                       |          |
| CSCI 321 <sup>2</sup>                        | Software Development II               | 1        |
| CSCI 311 <sup>2</sup>                        | Algorithm Analysis                    | 1        |
| Junior Seminar                               |                                       | 1        |
| Elective                                     |                                       | 1        |
| <b>Term Units</b>                            |                                       | <b>4</b> |
| Spring                                       |                                       |          |
| CSCI 301 <sup>3</sup>                        | Operating Systems                     | 1        |
| Major Elective                               |                                       | 1        |
| General Education Requirement                |                                       | 1        |
| Elective                                     |                                       | 1        |
| <b>Term Units</b>                            |                                       | <b>4</b> |
| Fourth Year                                  |                                       |          |
| Fall   |                                       |          |
| CSCI 498                                     | Senior Research I                     | 1        |
| Major Elective                               |                                       | 1        |
| General Education Requirement                |                                       | 1        |
| General Education Requirement                |                                       | 1        |
| <b>Term Units</b>                            |                                       | <b>4</b> |
| Spring                                       |                                       |          |
| CSCI 499                                     | Senior Research II                    | 1        |
| Elective                                     |                                       | 1        |
| Elective                                     |                                       | 1        |
| Elective                                     |                                       | 1        |
| <b>Term Units</b>                            |                                       | <b>4</b> |
| <b>Total Unit: 32</b>                        |                                       |          |