

## Application for a Minor in Computer Science

Name: \_\_\_\_\_

Major: \_\_\_\_\_ Student ID# \_\_\_\_\_

NOTE: At least one-third of courses used must be upper division (3000-4000).  
Please list below the courses you are using to complete the requirements for your Computer Science Minor.

| Course   | Course Title                         | Credits | Term Completed | Grade Received |
|--|--------------------------------------|---------|----------------|----------------|
| <b>Choose a sequence</b>   |                                      |         |                |                |
| Sequence A   |                                      |         |                |                |
| CSCI 111   | Programming with Java I              | 3       |                |                |
| CSCI 121   | Programming with Java II             | 3       |                |                |
| Sequence B   |                                      |         |                |                |
| CSCI 112   | Programming with C I                 | 3       |                |                |
| CSCI 117   | Programming with Matlab              | 3       |                |                |
| <b>* CSCI 111 may be substituted for either 112 or 117</b>   |                                      |         |                |                |
| Sequence C   |                                      |         |                |                |
| CSCI 110   | Programming with Visual Basic I      | 3       |                |                |
| CSCI 310   | Advanced Visual Basic                | 3       |                |                |
| <b>Select 12 credits from the following; 6 of these credits must be upper division (3000 and above):</b> |                                      |         |                |                |
| CSCI 232   | Data Structures & Algorithms         |         |                |                |
| CSCI 246   | Discrete Structures                  | 3       |                |                |
| CSCI 255   | Introduction to Embedded Systems     | 3       |                |                |
| CSCI 305   | Concepts of Programming Languages    | 3       |                |                |
| CSCI 311   | Advanced Web Development             | 3       |                |                |
| CSCI 321   | Systems Design Process               | 3       |                |                |
| CSCI 332   | Design and Analysis of Algorithms    | 3       |                |                |
| CSCI 340   | Database Design                      | 3       |                |                |
| CSCI 347   | Data Mining                          | 3       |                |                |
| CSCI 361   | Computer Architecture                | 3       |                |                |
| CSCI 438   | Theory of Computation                | 3       |                |                |
| CSCI 460   | Operating Systems                    | 3       |                |                |
| ESOF 322   | Software Engineering                 | 3       |                |                |
| HCI 3206   | Inf. Systems Security and Networking | 3       |                |                |

The TOTAL Required Credits for this Minor is a minimum of 18. **TOTAL** \_\_\_\_\_

**Signature of Approval:**

Student: \_\_\_\_\_ Date: \_\_\_\_\_

Advisor: \_\_\_\_\_ Date: \_\_\_\_\_

Computer Science Department Head: \_\_\_\_\_ Date: \_\_\_\_\_