GW | SEAS

# CS Minor Application Form: Standard Course Sequencing

To declare a minor in Computer Science, a student must complete all outlined Admission requirements and submit a CS Minor application form to the SEAS Advising office for review.

This CS Minor Application form is for students who have completed all CS Minor Admission requirements <u>and</u> taken CSCI 1111 before their 3rd year Fall or plan to take classes in the Summer.

*Students who have <u>not</u> taken CSCI 1111 but completed all CS Minor Admissions requirements before their 3rd year Fall and do not plan to take Summer courses should talk to the CS minor advisor for alternative options.*

| Student Information | | | |
|---|---|---|---|
| Last Name | | First Name | |
| GWID | | GW Email | @gwmail.gwu.edu |
| Primary Major | | Degree | ☐ B.A.    ☐ B.S. |

## Admission Requirements

**Advisor Initials**

- Students must apply no later than the start of the 5th semester of study at GW or completion of 60th credit  _____
- A grade of B- or higher in MATH 1231 or MATH 1232 or both MATH 1220 & 1221 or AP Credit  _____
- A grade of B or higher in CSCI 1111 or CSCI 1112 or CSCI 1011 or CSCI 1012 or CSCI 1121 or AP Credit  _____
- A minimum overall GPA of 3.0 at the time of the application  _____

## Additional Minor Requirements

- Must have a 2.2 GPA in all the CSCI courses to graduate with a CS minor.
- Must take a minimum of 18 credits of computer science (CSCI) towards the minor. At least 15 of the 18 credits towards the minor must be taken at GW.
- Must receive a minimum grade of C in CSCI 1111 and CSCI 1112 to proceed to the next course in the sequence.

## Required Courses

1. CSCI 1111    Introduction to Software Development (Spring)
2. CSCI 1112    Algorithms & Data Structures (Fall)
3. CSCI 1311    Discrete Structures (Fall)
4. CSCI 2113    Software Engineering (Spring)
5. CS Elective 1 (with pre-req of CSCI 2113)
6. CS Elective 2 (with pre-req of CSCI 2113)

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**Course Plan for students who have completed CSCI 1111 before 3rd year Fall.**

| Semester 1 | Semester 2 | Semester 3 | Semester 4 |
|---|---|---|---|
| CSCI 1111 *Spring only* | CSCI 1112 CSCI 1311 *Fall only* | CSCI 2113 *Spring only* | CS Elective 1 CS Elective 2 *Fall or Spring* |

### *Your Individual Course Plan (Standard Sequencing)*

Please review the information below and complete the slots for the year before meeting with the advisor. **DO NOT** change any of the slots already completed. Any changes require prior approval from the faculty advisor. If you are going into your third year and do not expect to have taken CS 1111 before Fall, the standard course sequencing will require you to take courses in summer or stay beyond your eighth semester. For an alternative, talk to the CS Minor advisor for more information regarding a shortened course sequencing option.

| Required Course | Pre-requisites | Semester | Year |
|---|---|---|---|
| CSCI 1111 | | Spring | |
| CSCI 1112 | CSCI 1111 with a minimum grade of C; and MATH 1220 or MATH 1231 | Fall | |
| CSCI 1311 | MATH 1220 or MATH 1231 | Fall | |
| CSCI 2113 | CSCI 1112 with a minimum grade of C; and MATH 1221 or MATH 1231 | Spring | |
| CS Elective 1 | CSCI 2113 or courses requiring CSCI 2113 | Fall / Spring | |
| CS Elective 2 | CSCI 2113 or courses requiring CSCI 2113 | Fall / Spring | |

*Read before signing: I have reviewed the requirements and I understand what I must do to complete this minor. Any revisions or substitution <u>must be approved</u> in writing by a CS Faculty Advisor.*

| Required Signatures | | | | | |
|---|---|---|---|---|---|
| Student Signature | | | | Date | |
| | | | | | |
| SEAS Advisor Signature | | Last Name | | Date | |

*Submit forms to: seasadvising@gwu.edu*

*SEAS Undergraduate Student Services and Advising*

*Science & Engineering Hall, Suite 2500*