GW | SEAS

Computer Science B.A. Double Major Application Form

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

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 theapplication   _____
- Submit a semester-by-semester course plan outlining how you plan to complete the CS requirements   _____

Additional Double Major Requirements

- Must have a 2.2 GPA in all CS (CSCI) courses to graduate
- Must take a minimum of 24 credits of computer science (CSCI) atGW
- You 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
2. CSCI 1112   Algorithms & Data Structures
3. CSCI 1311   Discrete Structures
4. CSCI 2460   Introduction to Computer Systems
5. CSCI 2113   Software Engineering
6. CSCI 2441W Database Systems & Team Projects
7. CSCI 3212 Algorithms
8. Advanced CS Elective (2400 and above)
9. Advanced CS Elective (2400 and above)
10. Advanced CS Elective (4000 and above)
11. Advanced CS Elective (4000 and above)

You must have all Advanced CS Electives approved by your faculty advisor.

Recommended Course Sequencing

Below is the recommended course sequencing for the CS BA Double Major.

Semester 1	Semester 2	Semester 3
CSCI 1111	CSCI 1112	CSCI 2113
Spring only	CSCI 1311	CSCI 2460
	Fall only	*Spring only*
Semester 4	**Semester 5**	**Semester 6**
Advanced CS Electives 1 & 2	CSCI 2441W	Advanced CS Electives 3 & 4
CS 2400 and above	CSCI 3212	*CSCI 4000 and above*
	Spring only	*except CSCI 4243W, 4244*

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Your Individual Course Plan

Please review the information below and complete the Semester You Plan to Take column with both semester and year specified (e.g. "Fall 2020") before meeting with an advisor.

Required Course	Pre-requisites	Semester You Plan to Take
CSCI 1111		
CSCI 1112	CSCI 1111 with a minimum grade of C; MATH 1220 or MATH 1231	
CSCI 1311	MATH 1220 or MATH 1231	
CSCI 2113	CSCI 1112 with a minimum grade of C; MATH 1221 or MATH 1231	
CSCI 2460	CSCI 1112 and CSCI 1311, both with a minimum grade of C	
CSCI 2441W	Co-requisite: CSCI 2113	
CSCI 3212	CSCI 1311 and CSCI 2113	
Advanced CS Elective 1	CSCI Numbered 2400 and above	
Advanced CS Elective 2	CSCI Numbered 2400 and above	
Advanced CS Elective 3	CSCI Numbered 4000 and above *except CSCI 4243W, 4244*	
Advanced CS Elective 4	CSCI Numbered 4000 and above *except CSCI 4243W, 4244*	

Read before signing *I have reviewed the requirements of this program with the double major, and I understand what I must do to complete this second major. Any revisions or substitution <u>must be approved</u> in writing by a CS Faculty Advisor.*

Required Signatures					
Student Signature				Date	
SEAS Professional Advisor Signature				Date	
CS Faculty Advisor Signature		Last Name		Date	

Submit forms to:
SEAS Undergraduate Student Services and Advising
Science & Engineering Hall, Suite 2500, seasadvising@gwu.edu