GW | SEAS

Computer Science B.S. Double Major Application Form

Student Information			
Last Name		First Name	
GWID		GW Email	@gwmail.gwu.edu
Primary Major		Degree	Bachelor of Science

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 _____
- 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) at GW
- 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

In order to complete a Computer Science second major with a BS primary degree, you must complete all required courses for the Bachelor of Science in Computer Science degree for that curriculum year. A **sample curriculum** sheet is attached but the most current requirements can be found in the University Bulletin: http://bulletin.gwu.edu/ Note that science, mathematics, and statistics requirements may differ from those of your primary program, and these should be carefully checked.

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 must be approved 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

CS BS Curriculum Requirements 2022-2023

Second Major BS applicants should insert the expected semester of completion in each slot below (Fall 2024).
The recommended semester for primary BS students is listed.
For H/SS and General Electives, list the course along with the semester (ECON 1011/Fall 2025)

SEM	Course 1	Course 2	Course 3	Course 4	Course 5	Credits
1	H/SS Elective 1 (Gen Ed Humanities)	CSCI 1111	2 Orientation Credits	MATH 1231	UW 1020	15
2	H/SS Elective 2 (Gen Ed Social Science)	CSCI 1112 *Prerequisites: CSCI 1111 with a grade of C or higher; and MATH 1220/1231*	CSCI 1311 *Prerequisites: MATH 1220/1231*	MATH 1232	Science 1	16
3	H/SS Elective 3 (Gen Ed Social Science)	CSCI 2113 *Prerequisites: CSCI 1112 with a grade of C or higher; and MATH 1221/1231*	CSCI 2312 *Fall only* *Prerequisites: CSCI 1311 with a grade of C or higher; and Math 1221/1231*	CSCI 2410 *Fall only* *Prerequisites: CSCI 1112 with a grade of C or higher*	Science 2	16
4	CSCI 3313 *Spring only* *Prerequisites: CSCI 2113; and (CSCI 2312 or CSCI 2460 or CSCI 2461).*	CSCI 2541W *Spring only* *Corequisite: CSCI 2113; Prerequisite: CSCI 1311*	CSCI 3401 *Spring only* *Prerequisites: CSCI 2410; and CSCI 2113*	Stats/Linear Algebra	Policy/Ethics Requirement	15
5	H/SS Elective 4 (SEAS HSSNT)	CSCI 3212 *Prerequisites: CSCI 1311; and CSCI 2113*	CS Tech Elective 1 *CSCI 4000+*	CSCI 3411 *Fall only* *Prerequisites: CSCI 2461 or CSCI 2410; and CSCI 2113*		14
6	H/SS Elective 5 (SEAS HSSNT)	General Elective 1	CS Tech Elective 2 *CSCI 4000+*	General Elective 2	Stats/Linear Algebra	15
7	H/SS Elective 6 (SEAS HSSNT)	CSCI 4243W *Fall only* *Prerequisites: CSCI 3212; and CSCI 3411*	CS Tech Elective 3 *CSCI 4000+*	General Elective 3	General Elective 4	16
8	General Elective 5	CSCI 4244 *Spring only* *Prerequisite: CSCI 4243W*	General Elective 6	General Elective 7	General Elective 8	16

- For more information about the Humanities and Social Science (H/SS) Requirements go to: https://www.seas.gwu.edu/humanities-and-social-science-requirement
- For more information regarding all other electives go to the GW University Bulletin: http://bulletin.gwu.edu/engineering-applied-science/computer-science/bs/#requirementstext