

# CS 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 5<sup>th</sup> semester of study at GW or completion of 60<sup>th</sup> credit
- A grade of B- or higher in Math1231 OR in both Math 1220 and Math 1221
- A grade of B or higher in CSCI 1111 or CSCI 1112 or CSCI 1011 or CSCI 1012 or CSCI 1121
- 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

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## 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 Major with a BS primary degree, you must complete all required courses for the Bachelor of Science in Computer Science degree for that curriculum 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		Last Name	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](mailto:seasadvising@gwu.edu)

# CS Curriculum Requirement 2021-2022

## For BS Primary Degree Students

SEM	Course 1	Course 2	Course 3	Course 4	Course 5	Credit per Term
1	H/SS Elective 1	CSCI 1111	SEAS 1001 + CSCI 1010	MATH 1231	UW 1020	15
2	H/SS Elective 2	<b>CSCI 1112</b> Must have CSCI 1111 with a grade of C or higher, Math 1220/1231	<b>CSCI 1311</b> Must have Math 1220/1231	MATH 1232	Science Req.#1	16
3	H/SS Elective 3	<b>CSCI 2113</b> Must have CSCI 1112 with a grade of C or higher; Math 1231	<b>CSCI 2312</b> Must have CSCI 1311 with a grade of C or higher; Math 1231	<b>CSCI 2461</b> Must have CSCI 1112 with a grade of C or higher, CSCI 1311	Science Req.#2	16
4	CSCI 3313	<b>CSCI 2541W</b> Must have CSCI 2113  <b>+ CS 2501</b>	<b>CSCI 3410</b> Must have CSCI 2461 and CSCI 2113	<b>Stats/Linear Algebra Elective #1</b>	Science Req.#3	16
5	H/SS Elective 4	<b>CSCI 3212</b> Must have CSCI 1311 and CSCI 2113	<b>CS Tech Track 1</b>	<b>CSCI 3411</b> Must have CSCI 2461 and CSCI 2113		14
6	H/SS Elective 5	Unrestricted Elective 1	CS Tech Track 2	Non-tech Track Elective 1	Stats/Linear Algebra Elective #2	15
7	H/SS Elective 6	CSCI 4243	CS Tech Track 3	Non-tech Track Elective 2	Unrestricted Elective 2	16
8	Unrestricted Elective 3	<b>CSCI 4244</b> Must have completed CSCI 4243	CS Tech Track 4	Non-tech Track Elective 3	Unrestricted Elective 4	16

- SEAS 1001 and CS 1010 (Semester 1) will be waived but two (2) additional credits must be identified to satisfy this requirement that do not apply to any of the other requirements above.
- For more information regarding the Science Requirement, CS Electives, Stats/Linear Algebra Elective, Non-Technical electives, Technical Tracks electives, and Unrestricted electives go to the GW University Bulletin: <http://bulletin.gwu.edu/engineering-applied-science/computer-science/bs/#requirements>
- For more information about the Humanities and Social Science (H/SS) Requirements go to: <https://www.seas.gwu.edu/humanities-and-social-science-requirement>