

2022/2023 Computer Science Curriculum Revisions - FAQ

What are the changes to the Computer Science curriculum?

- All digital logic has been removed from CSE 220. Examples of simple circuits will continue to be presented in CSE 215/CSE 150.
- The introduction to C programming has been moved from CSE 320 to CSE 220.
- CSE 220 will continue to cover machine representation of data and assembly language programming in MIPS.
- CSE 320 will include a new unit on system performance and will spend more time on virtual memory, caching and multithreading.

Why are you changing the Computer Science curriculum?

- The CS Department faculty are confident that the new CSE 220 will provide you a better and more relevant preparation for CSE 320. It will also include more modern coverage of computer architecture topics than the current version.

When do changes take effect?

	Fall 2022	Spring 2023	Fall 2023	Spring 2024
CSE 220	Old	New	New	New
CSE 320	Old	Old	Old	New

How do the changes affect me?

- **Students who have completed CSE 220 in Fall 2022 or prior must take CSE 320 by the conclusion of the Fall 2023 term.**
 - A student who takes “Old CSE 220”, but “New CSE 320” will be expected to self-study C; *materials/resources from the department will be made available.*
- Students who take “New CSE 220” can take “Old CSE 320”. The first 3-4 weeks of “Old CSE 320” will consist largely of material covered in “New CSE 220”.

At this time, if you need to complete CSE 220 via transfer credit, do not utilize the Transfer Course Equivalency Database to find an equivalent course. All courses in the Transfer Course Equivalency Database listed as equivalent to CSE 220 will not transfer back to Stony Brook University and will not satisfy a CSE major or minor requirement