

Computer Science BS Degree

Pathways Checklist 2018-2019, 2019-2020, 2020-2021 major catalog

(use in conjunction with CSI catalog)

Total: **124 Credits (62 LA&S)**

This list may not reflect the exact requirements of your admittance catalog. Please check with a Computer Science (CSC) advisor.

CSC required courses

CSC 126	_____	CSC 346	_____
CSC 211	_____	CSC 347	_____
CSC 220	_____	CSC 382	_____
CSC/MTH 228	_____	CSC 430	_____
CSC 315	_____	CSC 446	_____
CSC 326	_____	CSC 490	_____
CSC 330	_____		
CSC 332	_____		
CSC 305	_____		

CSC electives are required, where students elect the topics of study. We offer 4 credit, 400-level CSC courses and 3 credit, 200-level CSC courses. Offerings vary by semester. You may complete the CSC electives with either:

- a) (2) 400-level electives OR
- b) (1) 400-level elective and (2) 200-level electives

CSC Elective 1 (400-level course or [2] 200-level courses) _____

CSC/Math Elective 2 _____ *

CSC450_____ (to graduate with departmental honors) **

Math Courses

MTH 231 (or 230) _____ MTH 229 _____

MTH 232 _____

Upper Level Math Course _____ (MTH 232 or higher as a prereq., the choice cannot be MTH 306)

Upper Level Math Course _____ (MTH 232 or higher as a prereq., the choice cannot be MTH 306)

Sciences

One of the following four sequences: (BIO 170-171 & 180-181; CHM 141-121 & 142-127; PHY 120-121 & 160-161; AST 120 & 160; GEO 115-116 & 102-103 ``)

Science 1 of sequence _____

``you may sub. ESC 110-111 for GEO 102-103

Science 2 of sequence _____

Science Elective (4 credits chosen from list above, or having any of those from the list above as a prerequisite)

Science Elective _____

= = > next page

General Education Pathways Requirements

Required Core

(RECR) ENG 111 _____

(RECR) ENG 151 _____

(RMQR) MTH231 (pre-major)

(RLPR) Science 1 of sequence (pre-major)

Flexible Core

(FUSR) COR 100 _____

(FSWR) CSC126 (pre csc sequence)

(World Cultures & Global Issues)* 3 credits _____

*Please view your DegreeWorks for course options

(Creative Expression)* 3 credits _____

(Individual & Society)* 3 credits _____

Any Flexible Core from groups above*, 3 credits _____

College Option

Social Science or TALA (4 credits) _____

STEM MTH 232 (pre-major)

STEM Science class (pre-major)

Requirements: 200 level classes _____ P&D _____ Contemporary World _____

CSC electives notes:

* if you complete an additional upper math course beyond the two upper level math courses in the Math Courses section, we may additionally have it count as one 400-level CSC elective. Typically this is the case if you're completing the math minor. This is limited to one instance, and the choice cannot be MTH 306.

With faculty permission, a student may take a CSC graduate course as a 400-level elective.

** To take CSC 450 you must have a minimum 3.5 GPA. It is similar to an independent study, where you consult a CSC faculty of your choice if they are able to supervise a research project, then complete the independent study form in 1N-215. You will also present your work in the annual Undergraduate Research Conference.