Computer Science BS Degree

Pathways Checklist 2013-14 through 2017-18 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 326	_____	CSC 446	_____
CSC 330	_____	CSC 490	_____
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) (3) 400-level electives OR
    b) (2) 400-level electives and (2) 200-level electives

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

CSC/Math Elective 3 _____ **

For major catalogs 2015-16, through 2017-18: one of your electives must be 226, 315, or 424 _____ ***

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 100-101 & 102-103 ``)

Science 1 of sequence _____
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   _____

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.

*** If your major catalog year is 2015-16, 2016-17 or 2017-18 (shows in your Degreeworks), one of your electives must have a database component (CSC 226, 315, or 424 meet this criteria). If your major catalog year is 2014-15 or earlier, this is not applicable. CSC 315 is not an automatic substitution in DegreeWorks. It must manually be input after enrollment. Please contact the CSC dept. advisor after enrolling in CSC 315 to request substitution for the 400-elective, or see 1N-215.

**** 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.

Sciences notes:

``you may sub. GEO 115-116 for GEO 100-101. If you complete GEO 115-116 towards your sequence, you may complete the sequence with either GEO 102-103, or ESC 110-111 (acceptable sub. for GEO 102-103, if you completed the first part of the sequence with GEO 115-116). If you complete your sequence with a different subject from the Sciences section (BIO, CHM, PHY, or AST), for the remaining science elective you may sub. GEO 115-116 or ESC 110-111 for GEO 100-101.