Computer Science BS Degree
Pathways Checklist 2018-19 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

<table>
<thead>
<tr>
<th>CSC 126</th>
<th>CSC 346</th>
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<tbody>
<tr>
<td>CSC 211</td>
<td>CSC 347</td>
</tr>
<tr>
<td>CSC 220</td>
<td>CSC 382</td>
</tr>
<tr>
<td>CSC/MTH 228</td>
<td>CSC 430</td>
</tr>
<tr>
<td>CSC 315</td>
<td>CSC 446</td>
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<tr>
<td>CSC 326</td>
<td>CSC 490</td>
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<tr>
<td>CSC 330</td>
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<td>CSC 332</td>
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<tr>
<td>CSC 305</td>
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</table>

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

<table>
<thead>
<tr>
<th>MTH 231 (or 230)</th>
<th>MTH 229</th>
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<tbody>
<tr>
<td>MTH 232</td>
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</table>

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__________
(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________

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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.