Computer Science BS Degree

Pathways Checklist 2023-2024 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>Course</th>
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<tbody>
<tr>
<td>CSC 126</td>
<td>CSC 332</td>
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<tr>
<td>CSC 211</td>
<td>CSC 305</td>
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<td>CSC 220</td>
<td>CSC 346</td>
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<td>CSC 221</td>
<td>CSC 347</td>
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<tr>
<td>CSC/MTH 228</td>
<td>CSC 382</td>
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<td>CSC 315</td>
<td>CSC 430</td>
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<td>CSC 326</td>
<td>CSC 446</td>
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<tr>
<td>CSC 330</td>
<td>CSC 490</td>
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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 elective and (2) 200-level electives

CSC Elective 1 (400-level course or [2] 200-level courses)  
CSC Elective 2
CSC/Math Elective 3
CSC450 (to graduate with departmental honors) **

Math Courses

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

Two of the following sciences. DOES NOT HAVE TO BE A SEQUENCE
(BIO 170-171, BIO 180-181; CHM 141-121, CHM 142-127; PHY 120-121, PHY 160-161; AST 120, AST 160; GEO 115-116, GEO 102-103 ```)

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

Science 1
Science 2

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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)
(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

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.