

Catalogue 2018-2019
Bachelor of Arts in Computer Science

CS Advisor:

Student:

| BA CS Major Requirements | | | |
|---------------------------------|-----------------------------|-----------------------|-----------------------|
| <u>Course #</u> | <u>Description</u> | <u>Course Credits</u> | <u>Credits Earned</u> |
| CS 21 | Programming I | 3 | |
| CS 50 | Sem for new CS majors (REC) | 1 | |
| CS 64 | Discrete Structures | 3 | |
| CS 110 | Intermediate Prog. | 4 | |
| CS 120 | Advanced Prog. | 3 | |
| CS 121 | Computer Org | 3 | |
| CS 124 | Data Structures | 3 | |
| CS 125 | Computability & Cmplxy | 3 | |
| CS 292 | Senior Seminar | 1 | |
| CS 224 | Analysis of Alg | 3 | |

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|----------|---|--|
| CS ≥ 0XX | 3 | |
| CS ≥ 1xx | 3 | |
| CS ≥ 2xx | 3 | |
| CS ≥ 2xx | 3 | |
| CS ≥ 2xx | 3 | |

Total CS Credits: min 41, max 45
CS GPA must be at least 2.0

| | | |
|--------------------------------|-----------|--|
| Math 21 Calc I | 4 | |
| Math 22 Calc II | 4 | |
| Stat 151 or CS 128 Probability | 3 | |
| Stat 143 Statistics | 3 | |
| total Math/Stat | 14 | |

*CS 50 is recommended for new majors taking CS 21 or 110, but is not required
 ***Indicate if satisfies a University requirement for D1, D2, Writing, Sustainability
NOTES on total credits:
 1) Minor electives may overlap with other electives, so do NOT enter the credits received for the same course in more than one box, or the total will be incorrect.
 2) If minor in CAS, at most 24 non-CAS credits allowed.

MAY OVERLAP WITH OTHER REQUIREMENTS

| Minor Requirements in: | | |
|-------------------------------|-----------------------|------------------------|
| <u>Course</u> | <u>Credits Earned</u> | <u>D1/D2/WR/Sus***</u> |
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minor req's ~18 (but may overlap with other areas)

| CAS Distributional Requirements | | 30-31 cr |
|--|--|-----------------|
| | | Nat Sci |
| | | Nat Sci w/lab |
| | | Fine Arts |
| | | For. Lang. I |
| | | For. Lang. II |
| | | Hum #1 |
| | | Hum #2 |
| | | Lit |
| | | Soc Sci #1 |
| | | Soc Sci #2 |

distribution req's ~29

Free Electives (total credits but be at least 120)
 (usually ~35 credits -- includes minor credits)

| <u>Course:</u> | <u>credits</u> | <u>D1/D2/WR/Sus***</u> |
|----------------|----------------|------------------------|
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