## Bachelor of Arts in Computer Science

Plus Math Minor

| Core General Education (24 credit hours) | Credits | Notes |
| :---: | :---: | :---: |
| ENGL 1020 Core Composition I | 3 |  |
| ENGL 2030 Core Composition II | 3 |  |
| Social Science | 3 |  |
| Behavioral Science | 3 |  |
| Humanities | 3 |  |
| Arts | 3 |  |
| Cultural Diversity | 3 |  |
| International Perspectives | 3 |  |
| Math (7 credits) |  |  |
| MATH 1401 Calculus I | 4 | counts for math minor |
| MATH 2411 Calculus II | 4 | counts for math minor |
| Science (8 credit hours) A sequence of 2 Natural or Physical Sciences with lab | 8 |  |
| CS Core (22 credit hours) |  |  |
| CSCI 1410 Fundamentals of Computing | 3 |  |
| CSCI 1411 Fundamentals of Computing Lab | 1 |  |
| CSCI 2312 Object-Oriented Programming | 3 |  |
| CSCI 2421 Data Structures \& Programming Design | 3 |  |
| CSCI 2511 Discrete Structures | 3 |  |
| CSCI 3287 Database Systems | 3 |  |
| CSCI 3412 Algorithms | 3 |  |
| CSCI 3508 Introduction to Software Engineering | 3 |  |
| CS Technical Electives ( 21 credit hours) <br> CSCI 3000 -level and above courses not applied to CS Core |  |  |
| CS Elective | 3 | The following cross-listed courses can satisfy CS electives |
| CS Elective | 3 | and math minor: CSCI/MATH 4110, 4408, 4650, 4660 |
| CS Elective | 3 |  |
| CS Elective | 3 |  |
| CS Elective | 3 |  |
| CS Elective | 3 |  |
| CS Elective | 3 |  |
| Free Electives (37 credit hours) with Math Minor |  |  |
| MATH 1401 Calculus I |  | Fulfilled above as part of CS BA math requirement |
| MATH 2411 Calculus II |  | Fulfilled above as part of CS BA math requirement |
| MATH 2421 Calculus III | 4 |  |
| Math Upper-division elective* |  | can be fulfilled by CSCI/MATH cross listed course |
| Math Upper-division elective* |  | can be fulfilled by CSCI/MATH cross listed course |
| Math Upper-division elective* |  | can be fulfilled by CSCI/MATH cross listed course |
| *Note: CSCI/MATH 4110, 4408, 4650, 4660 can count as your MATH upper-division electives |  |  |
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|  |  |  |
| Remaining free electives | 33 |  |
| Total Credits | 120 |  |

Note: This checklist was created based on 2019-20 catalog year requirements. See your advisor to create your CS+ plan of study.

College of Engineering, Design and Computing

