

## **Computer Science Degree Requirements Checklist Catalog Year 2019-2020**

Fill out this form and attach it along with an unofficial copy of your transcript to your Application to Graduate. After getting signatures for all minors, submit this package to your advisor for his or her signature, and then to the Undergraduate Program Director.

If credit for a course is transferred in, write "transfer" under "Term/Year".

| <b>Required Courses</b>                       | <b>Term/Year</b> |
|---|------------------|
| CS 149 Programming Fundamentals               | _____            |
| CS 159 Advanced Programming                   | _____            |
| CS/MATH 227 or MATH 245 Discrete Structures I | _____            |
| CS 240 Algorithms and Data Structures         | _____            |
| CS 261 Computer Systems I                     | _____            |
| CS 327 Discrete Structures II                 | _____            |
| CS 345 Software Engineering                   | _____            |
| CS 361 Computer Systems II                    | _____            |
| CS 430 Programming Languages                  | _____            |
| CS 412 or CS 452 Algorithms                   | _____            |
| Statistics: MATH 220 MATH 229 or MATH 318     | _____            |
| Calculus: MATH 235 or MATH 231/232            | _____            |

| <b>Elective Courses</b>                             | <b>Course</b> | <b>Term/Year</b> |
|---|---------------|------------------|
| Systems Elective: CS 432, CS 450, CS 456, or CS 470 | _____         | _____            |
| CS xxx CS Elective 1 (above CS 300)                 | _____         | _____            |
| CS xxx CS Elective 2 (above CS 300)                 | _____         | _____            |
| CS xxx CS Elective 3 (above CS 300)                 | _____         | _____            |