

2022-2023 Bachelor of Computer Science Checklist

1. Please watch the [“How to Pick Your CS Checklist and Fill it in”](#) video.
2. Under **Required Courses** and **Electives**, check off the forty unique courses (20.0 units) that you have earned university credit for. **Additional Elective Units** can be *any* course for which you received university credit.
3. Verify that the **Required Courses** and **Electives** also satisfy the **Additional Constraints**.

Required Courses

- | | |
|---|---|
| <input checked="" type="checkbox"/> 7.75 CS Units | <input checked="" type="checkbox"/> 3.5 Math Units |
| <input checked="" type="checkbox"/> CS 1[134]5 | <input checked="" type="checkbox"/> MATH 1[34]5 |
| <input checked="" type="checkbox"/> CS 1[34]6 | <input checked="" type="checkbox"/> MATH 1[34]6 |
| <input checked="" type="checkbox"/> CS 136L (0.25 unit) | <input checked="" type="checkbox"/> MATH 1[234]7 |
| <input checked="" type="checkbox"/> CS 240 | <input checked="" type="checkbox"/> MATH 1[234]8 |
| <input checked="" type="checkbox"/> CS 241 | <input checked="" type="checkbox"/> MATH 2[34]9 |
| <input checked="" type="checkbox"/> CS 245 | <input checked="" type="checkbox"/> STAT 2[34]0 |
| <input checked="" type="checkbox"/> CS 246 | <input checked="" type="checkbox"/> STAT 2[34]1 |
| <input checked="" type="checkbox"/> CS 251 | |
| <input checked="" type="checkbox"/> CS 341 | |
| <input checked="" type="checkbox"/> CS 350 | |
| <input checked="" type="checkbox"/> CS 340-398; 440-489 <u>CS 349</u> | |
| <input checked="" type="checkbox"/> CS 340-398; 440-489 <u>CS 370</u> | |
| <input checked="" type="checkbox"/> CS 340-398; 440-489 <u>CS 480</u> | |
| <input checked="" type="checkbox"/> CS 440-489 <u>CS 484</u> | |
| <input checked="" type="checkbox"/> CS 440-489 <u>CS 486</u> | |
| <input checked="" type="checkbox"/> CS 440-498 or CS 499T or CS 6xx or CS 7xx or CO 487 or STAT 440 <u>CS 488</u> | |

Electives

- | | |
|---|--|
| <input checked="" type="checkbox"/> 5.0 Non-Math Elective Units including Breadth and Depth: | <input checked="" type="checkbox"/> 3.75 Additional Math or Non-Math Elective Units |
| <input checked="" type="checkbox"/> Communication list I ¹ : <u>SPCOM 223</u> | <input checked="" type="checkbox"/> <u>CS 116</u> |
| <input checked="" type="checkbox"/> Communication list II ² : <u>SPCOM 225</u> | <input checked="" type="checkbox"/> <u>SCI 206</u> |
| <input checked="" type="checkbox"/> Humanities: <u>SI 231</u> | <input checked="" type="checkbox"/> <u>SCI 207</u> |
| <input checked="" type="checkbox"/> Humanities or non-math ³ : <u>RS 121</u> | <input checked="" type="checkbox"/> <u>CO 480</u> |
| <input checked="" type="checkbox"/> Social Science: <u>AFM 101</u> | <input checked="" type="checkbox"/> <u>RS 123</u> |
| <input checked="" type="checkbox"/> Social Science: <u>SMF 204</u> | <input checked="" type="checkbox"/> <u>RS 301R</u> |
| <input checked="" type="checkbox"/> Pure Science: <u>SCI 201</u> | <input checked="" type="checkbox"/> <u>MUSIC 115 (0.25) +</u> |
| <input checked="" type="checkbox"/> Pure or Applied Sciences: <u>HLTH 101</u> | <input checked="" type="checkbox"/> <u>MUSIC 116 (0.25)</u> |
| <input checked="" type="checkbox"/> <u>ASL 101R</u> | <input checked="" type="checkbox"/> <u>MUSIC 117 (0.25)</u> |
| <input checked="" type="checkbox"/> <u>ENGL 1XX (transfer credit from high school)</u> | |

Additional Constraints

- | | |
|---|---|
| <input checked="" type="checkbox"/> Depth - 1.5 units in the same subject where either
(a) at least 0.5 unit is 3xx or higher or
(b) all three form a prerequisite chain
Courses for breadth can also be used for depth.
Write the non-math elective units from above that you will use for depth.
<input checked="" type="checkbox"/> <u>RS 121</u>
<input checked="" type="checkbox"/> <u>RS 123</u>
<input checked="" type="checkbox"/> <u>RS 301R</u> | <input checked="" type="checkbox"/> Seven (regular) or eight (co-op) terms enrolled in at least three courses totaling 1.5 units
<input checked="" type="checkbox"/> No more than 2.0 units of failed courses
<input checked="" type="checkbox"/> No more than 5.0 units of unusable course attempts (failures and repeats of passed courses)
<input checked="" type="checkbox"/> CS major average of 60% or higher
<input checked="" type="checkbox"/> Cumulative average of 60% or higher
<input checked="" type="checkbox"/> Co-op requirements met, if applicable, including PD 1, PD 11, PD 10, and a minimum of two other PD courses |
|---|---|

¹Communication List I: At least 60% in one of EMLS 101R, EMLS 102R, EMLS/ENGL 129R, ENGL 109, SPCOM 100, SPCOM 223.

²Communication List II: One of EMLS 103R, EMLS 104R, EMLS 110R, ENGL 101B, ENGL 108B, ENGL 108D, ENGL 119, ENGL 208B, ENGL 209, ENGL 210E, ENGL 210F, ENGL 378/MTHEL 300, SPCOM 225, SPCOM 227, SPCOM 228, or an additional course from Communication List 1.

³The courses below can be used to satisfy both the Communication List II requirement **and** 0.5 unit for the humanities (breadth) requirement.

- ENGL 101B, ENGL 108B, ENGL 108D, ENGL 119, ENGL 208B, ENGL 209, ENGL 210E, ENGL 210F, ENGL 378/MTHEL 300, SPCOM 225, SPCOM 227, SPCOM 228.

If you use one of the Communication List II courses for humanities, then the checkbox will need to be replaced by any non-Math course.

Disclaimer: This checklist is a handy tool, but it is not a substitute for the official degree regulations. If there is a question of interpretation or a discrepancy, the [University Calendar](#) always takes precedence. You may complete the checklist and ask a CS advisor to review it, but the student is ultimately responsible for ensuring that they have met their degree requirements.