



## Computer Science (BS) Curriculum Worksheet (2022-2023)

This worksheet outlines the required courses for this major. Students are expected to be familiar with general education and major-specific requirements for their intended major as outlined in the Clemson Undergraduate Catalog. Additionally, students must satisfy any Tri-County prerequisites for the courses below. To complete Bridge program requirements, students must earn 30 credits at Tri-County and a 2.5 GPA during their Bridge year (fall, spring, and optional summer, if needed). Students should consult the backside of this worksheet, the Undergraduate Catalog, and the Bridge Academic Guide for Clemson course equivalencies and alternative courses if students wish to enroll in other courses or if any of the following requirements have been met through dual enrollment or AP/IB credit. Advising worksheets are supplemental planning aids and are for informational purposes only.

### SUGGESTED CORE COURSE SEQUENCE

#### Fall Semester

CPT 167<sup>1</sup>

ENG 101 or ENG 103

MAT 140

Natural Science w/lab Course #1<sup>2</sup>

**Total Hours: 14 – 15**

Advising Notes:

#### Spring Semester

CPT 234<sup>1</sup>

ENG 102 or Social Sciences Req.<sup>3</sup>

MAT 141

Natural Science w/lab Course #2<sup>2</sup>

Arts & Hum. (Non-Lit) Req.

**Total Hours: 17**

Advising Notes:

#### Additional Course Options

SPC 200 or SPC 205

Social Science Req.<sup>4</sup>

Arts & Hum. (Lit) Req.<sup>5</sup>

<sup>1</sup> Students who successfully complete CPT 167 and CPT 234 at Tri-County will take CPSC 1020 at Clemson.

<sup>2</sup> See Computer Science BS curriculum worksheet for suggested courses to fulfill this requirement.

<sup>3</sup> If ENG 101 + 102 is taken for English Composition Requirement, ENG 102 should be taken instead of the Social Science Requirement.

<sup>4</sup> Select a Social Science course from the Computer Science BS curriculum worksheet that is in a different discipline from the previous social science course (i.e. if ECO 210 is taken previously, ECO 211 cannot be taken to fulfill this requirement).

<sup>5</sup> Select any course from the Bridge Student Academic Guide that fulfills the Arts & Humanities (Lit.) requirement.



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Advising worksheets are supplemental planning aids. While every effort is made to ensure accuracy, the student's responsibility is to understand and meet degree requirements in the applicable Undergraduate Catalog. Contact Clemson adviser **Amanda Menefee** ([menefee@clemson.edu](mailto:menefee@clemson.edu)) for additional information about this worksheet.

| General Education Requirements   | Tri-County Courses   | Clemson Equivalent Courses   |
|--|--|--|
| <b>Communication:</b> <i>Developing and expressing ideas.</i>  |  |  |
| A. English Composition: 3-6 credits  | ENG 103 or ENG 101 + 102   | ENGL 1030 or ENGL 1999 + 1030  |
| B. Oral Communication  | <i>Will complete course at Clemson.</i>  |  |
| <b>Ways of Knowing:</b> <i>Employing intellectual inquiry.</i>   |  |  |
| C. Arts & Hum. (Lit.)  | <i>Will complete at Clemson.</i>   |  |
| D. Arts & Hum. (Non-Lit.): 3 credits   | Select one course from the following:<br>ART 101, ART 107, HSS 205, MUS 105, PHI 101, PHI 105, PHI 110, REL 101, REL 201 or THE 101  | Select one course from the following:<br>ART 2100, AAH 1010, STS 1010, MUSC 2100, PHIL 1010, PHIL 1020, PHIL 1030, REL 1010, or REL 1020, or THEA 2100   |
| E. Mathematics: 8 credits  | MAT 140<br>MAT 141   | MATH 1060<br>MATH 1080   |
| F. Natural Science w/lab: 8 credits  | Select one of the following sequences:<br>1) BIO 101 & BIO 102<br>2) BIO 113 & BIO 114<br>3) CHM 110 & CHM 111<br>4) PHY 221 & PHY 222   | Select one of the following sequences:<br>1) BIOL 1030/1050 & BIO 1040/1060<br>2) BIOL 1100 & BIOL 1110<br>3) CH 1010 & CH 1020<br>4) PHYS 1220/1240 & PHYS 2210/2230  |
| G. Social Sciences: 6 credits<br><br>*Other 3 credits must be in a different discipline than the first social science course (History or Political Science). | HIS 201 or PSC 201<br><br><i>Select one course from the following not chosen above:</i><br>ANT 101, ECO 210, ECO 211, HIS 101, HIS 102, HIS 201*, HIS 202, PSC 201*, PSC 220, PSY 201, SOC 101, or SOC 205 | HIST 1010 or POSC 1010<br><br><i>Select one course from the following not chosen above:</i><br>ANTH 2010, ECON 2120, ECON 2110, HIST 1720, HIST 1730, HIST 1010, HIST 1020, POSC 1010, POSC 1020, PSYC 2010, SOC 2010, or SOC 2020 |
| <b>Global Challenges:</b> <i>Exploring global, local, regional, national, international, virtual, or philosophical challenges.</i>                           |  |  |
| H. Global Challenges: 6 credits  | <i>Will complete at Clemson. Students will take a minimum of 6 credit hours, selected from two different fields (unless interdisciplinary), and at least three hours at the 3000-level or above.</i>       |  |
| Major Specific Requirements  | Tri-County Courses   | Clemson Equivalent Courses   |
| H. Computer Science: 6 credits*  | CPT 167<br>CPT 234   | Elective<br>CP SC 1110   |
| <i>*Students who successfully complete CPT 167 and CPT 234 at Tri-County will take CPSC 1020 at Clemson.</i>   |  |  |