



## Computer Science (BA) 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 130 or MAT 140

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

HIS 201 or PSC 201

**Total Hours: 16 – 17**

Advising Notes:

#### Spring Semester

CPT 234

ENG 102 or Modern Lang. Req.<sup>3</sup>

MAT 230 or MAT 141

Arts & Hum. (Non-Lit.) Req.

SPC 200 or SPC 205

**Total Hours: 15 – 17**

Advising Notes:

#### Additional Course Options

Arts & Humanities (Lit.) Req.<sup>4</sup>

Fine Arts Req.<sup>5</sup>

Science Lecture (BIO 209)<sup>6</sup>

Modern Language Req.

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

<sup>2</sup> See Computer Science BA 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 a Modern Language.

<sup>4</sup> Select any course from the Bridge Student Academic Guide that fulfills the Arts & Humanities (Lit) requirement.

<sup>5</sup> ART 101, ART 107, ART 108, ART 111, ART 112, ARV 121, or MUS 105. A course selected to satisfy this requirement may not be used to satisfy the Departmental Humanities Requirement or other General Education requirements.

<sup>6</sup> Science lecture (no lab) courses must transfer to Clemson courses with one of these prefixes: BIOL, BCHM, CH, GEOL, MICR, PHYS, or ENSP 2000 (BIO 209).



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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 (6 total credits):</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: 3 credits	SPC 200 or SPC 205	COMM 1500 or COMM 2500
<b>Ways of Knowing (19 total credits):</b> <i>Employing intellectual inquiry.</i>		
C. Arts & Hum. (Lit.)	<i>Will complete at Clemson.</i>	
D. Arts & Hum. (Non-Lit.): 3 credits	<i>Select one course from the following:</i> ART 101, ART 107, HSS 205, MUS 105, PHI 101, PHI 105, PHI 110, REL 101, REL 201, or THE 101	<i>Select one course from the following:</i> ART 2100, AAH 1010, STS 1010, MUSC 2100, PHIL 1010, PHIL 1020, PHIL 1030, REL 1010, REL 1020, or THEA 2100
E. Mathematics: 6 – 8 credits	<i>Select one sequence of courses from the following:</i> 1) MAT 130 & 230 2) MAT 140 & 141* 3) MAT 140 & 230	<i>Select one sequence of courses from the following:</i> 1) MATH 1020 & 2070 2) MATH 1060 & 1080* 3) MATH 1060 & 2070
	<i>*Students interested in computer graphics should select MAT 140/141 sequence.</i>	
F. Natural Science w/lab: 8 credits	<i>Select two courses from the following:</i> BIO 101, BIO 102, BIO 105, CHM 106, CHM 107, CHM 110, CHM 111, PHY 201, or PHY 202	<i>Select two courses from the following:</i> BIOL 1030/1050, BIOL 1040/1060, BIOL 1200/1230, CH 1050, CH 1060, CH 1010, CH 1020, PHYS 2070/2090, or PHYS 2080/2100
G. Social Sciences: 3 credits	HIS 201 or PSC 201	HIST 1010 or POSC 1010
*Other 3 credits must be in a different discipline than the first social science course (History or Political Science).	<i>Select one course from the following not chosen above:</i> 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	<i>Select one course from the following not chosen above:</i> 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 (6 total credits):</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 CPT 234	Elective CPSC 1110
I. Modern Language: 3 – 4 credits**	<i>Take one course from the following:</i> SPA 101, SPA 102, SPA 201, SPA 202	Four semesters (through 2020) in the same modern language are required for graduation.

\*Students who complete CPT 167 and CPT 234 at Tri-County will take CPSC 1020 at Clemson.