



## Science Teaching: Physics 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). **A 2.75 GPA is required for Bridging directly into an Education major at Clemson.** 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

ENG 101 or ENG 103

EDU 102

MAT 140

CHM 110

HIS 201 or PSC 201<sup>1</sup>

**Total Hours: 17 – 18**

Advising Notes:

#### Spring Semester

Arts & Humanities (Non-Lit.) Req.

PHY 221

CHM 111

ENG 102<sup>2</sup> or SPC 200 or SPC 205

MAT 141

**Total Hours: 18**

Advising Notes:

#### Additional Course Options

PHY 222

MAT 240

MAT 242

AST 101

BIO 101 or BIO 113

BIO 102 or BIO 114

Social Science Req.

<sup>1</sup> HIS 201 or PSC 201 satisfies a social science requirement as well as the REACH Act for graduation.

<sup>2</sup> If ENG 101 + 102 is taken for English Composition requirement, ENG 102 should be taken instead of SPC 200 or SPC 205.



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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 **Jamie Garland** ([jgarlan@clemson.edu](mailto:jgarlan@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 + ENG 102	ENGL 1030 or ENGL 1999 + ENGL 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.): 3 credits	<i>Will complete course 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, or PHI 110	<i>Select one course from the following:</i> ART 2100, AAH 1010, STS 1010, MUSC 2100, PHIL 1010, PHIL 1020, or PHIL 1030
E. Mathematics: 7 credits	MAT 140 MAT 141	MATH 1060 MATH 1080
F. Natural Science w/lab: 12 credits	CHM 110 CHM 111 PHY 221	CH 1010 CH 1020 PHYS 1220/1240
G. Social Sciences: 6 credits	HIS 201 or PSC 201	HIS 1010 or PSC 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
	<i>*HIS 201 or PSC 201 satisfies a social science requirement and REACH Act for graduation.</i>	
<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
I. Education: 3 credits	EDU 102	ED 1050 + ED 1999
J. Modern Language: 6 – 8 credits	<i>Take two courses from the following:</i> SPA 101, 102, <b>201*</b> , <b>202</b>	Two semesters (through 2020) in the same modern language are required for graduation.
	<i>*201 is most recommended as first course since 101 &amp; 102 may only count as elective credit in major.</i>	

*Note: Students will enroll in PHYS 2210/2230 at Clemson.*

*This major is a competitive entry major with specific requirements a student must complete during their Bridge year to Bridge directly into this major at Clemson. See the next page for a complete list of requirements.*



## College of Education

### Competitive Entry Major Information

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Early Childhood is a competitive entry major which requires students to maintain a 2.75 GPA to cross the Bridge into the major. Students should also complete Praxis Core requirements for education (by taking or waiving Praxis Core - details provided to Bridge in a separate form).

**Bridge students must meet the following requirements by the end of their Bridge year to enter directly into the program and advance to the professional-level education coursework at Clemson:**

1. Have a cumulative 2.75 GPA or higher
2. Satisfy the Praxis Core Requirement in one of the following ways:
  - a. Have an SAT score of 1100+, or
  - b. Have an ACT score of 22+, or
  - c. Take and pass the Praxis Core ([www.ets.org/praxis](http://www.ets.org/praxis)).
3. Complete the Bridge program requirements (earning at least 30 credit hours and 2.5 GPA)
4. Complete the Math course for your Education major **AND**
5. Complete two semesters of a modern language through the 102-course level or meet with a Clemson CoE Academic Advisor to discuss your plan for completing modern languages at Clemson if your desired language is not offered at TCTC.

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*Students who do not have an SAT score of 1100+ or an ACT score of 22+, must **TAKE and PASS** the Praxis I Core Academic Skills exam and meet the other criteria listed above.*

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#### What if a student does not meet competitive entry requirements?

If a Bridge student does not complete all the specific program requirements, they may need additional semesters of undergraduate coursework or summer school coursework to complete the required math, modern language, and other program-specific requirements.

Students who do not meet the minimum 2.75 GPA requirement will not be considered for direct admission into a College of Education program. These students may cross the Bridge to Clemson in an alternate major and consider the change-of-major application process once at Clemson. Taking additional semesters of coursework to complete program requirements will result in a later graduation plan for some students.

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