



Science Teaching: Physics Curriculum Worksheet (2024 – 2025)

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

Total Hours: 18

Advising Notes:

Spring Semester

Arts & Humanities (Non-Lit.) Req.¹

PHY 221

CHM 111

ENG 102² or SPC 200 or SPC 205

MAT 141

Total Hours: 18

Advising Notes:

Additional Course Options

PHY 222

AST 101

MAT 240

BIO 101 or BIO 113

MAT 242

BIO 102 or BIO 114

Social Science Req.1

¹ See the reverse side of this worksheet to fulfill this requirement.

² 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. For the most up to date Academic Advisor for your major, please visit our website [College of Education Student Advising](https://www.clemson.edu/education/undergrad/) or email educationundergrad@clemson.edu.

General Education Requirements	Tri-County Courses	Clemson Equivalent Courses
Communication (6 total credits): <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
Ways of Knowing (19 total credits): <i>Employing intellectual inquiry.</i>		
C. Arts & Hum. (Lit.): 3 credits	Select one course from the following: ENG 201, ENG 202, ENG 205, ENG 206, ENG 208, ENG 209, or ENG 220	Select one course from the following: ENGL 2140, ENGL 2130, ENGL 2120, or ENGL 2150
D. Arts & Hum. (Non-Lit.): 3 credits	Select one course from the following: ART 101, ART 107, HSS 205, MUS 105, PHI 101, PHI 105, or PHI 110	Select one course from the following: 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
<i>Note: *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: ANT 101, ECO 210, ECO 211, HIS 101, HIS 102, HIS 201*, HIS 202, PSC 201*, PSY 201, or SOC 101	Select one course from the following not chosen above: ANTH 2010, ECON 2120, ECON 2110, HIST 1720, HIST 1730, HIST 1010, HIST 1020, POSC 1010, PSYC 2010, or SOC 2010
	<i>*HIS 201 satisfies a social science requirement and REACH Act for graduation.</i>	
Global Challenges (6 total credits): <i>Exploring global, local, regional, national, international, virtual, or philosophical challenges.</i>		
H. Global Challenges: 6 credits	Select one course from the following: BIO 209, GEO 102, HIS 122, or PSC 220	Select one course from the following: ENSP 2000 + ENSP 2999, GEOG 1030, HIST 1220, or POSC 1020
	<i>Students will take a minimum of 6 credit hours, selected from two different fields (unless interdisciplinary). At least 3 hours must be taken at the 3000-level or above once they transition to Clemson.</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	Select course sequence from the following: SPA 101, SPA 102, SPA 201*, SPA 202 or ASL 101	Two semesters (through 2020) in the same modern language are required for graduation.
	<i>*SPA 201 is most recommended as the first course since SPA 101 & SPA 102 may only count as elective credit in major.</i>	

Note: This major has specific requirements a student must complete during their Bridge year to Bridge directly into this major at Clemson.

Any student with dual enrollment or AP/IB credit for the courses mentioned above should consult the [Clemson Undergraduate Catalog](https://www.clemson.edu/education/undergrad/) & Bridge Student Academic and Advising Guide for additional coursework that fulfills major and Bridge program requirements.



College of Education Entry Major Information

Entry into education majors 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).
3. Complete the Bridge program requirements (earning at least 30 credit hours and 2.75 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.

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.

What if a student does not meet 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 not meeting 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.

Adviser Contact Information:

For the most up to date Academic Advisor for your major, please visit our website [College of Education Student Advising](#) or email educationundergrad@clemson.edu.