



Mathematics Teaching 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

MAT 140

CHM 106 or CHM 107

PHI 105

EDU 102

Total Hours: 16

Advising Notes:

Spring Semester

MAT 141

HIS 201¹

PHY 221

ENG 102² or SPC 200 or SPC 205

Total Hours: 14

Advising Notes:

Additional Course Options

ECO 211 or ECO 210

Arts & Hum. (Lit.) Req.

¹ HIS 201 satisfies the History requirement and REACH Act for graduation.

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. Contact Clemson adviser **Jamie Garland** (jgarlan@clemson.edu) for additional information about this worksheet.

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.)	<i>Will be satisfied through PHI 105.</i>	
E. Mathematics: 8 credits	MAT 140 MAT 141	MATH 1060 MATH 1080
F. Natural Science w/lab: 12 credits	CHM 106 or CHM 107 PHY 221 <i>Select one course from the following: AST 101, AST 102, BIO 101, BIO 105, CH 107, CH 110, or PHY 201</i>	CH 1050 or CHM 1060 PHYS 1220/1240 <i>Select one course from the following: ASTR 1010/1030, ASTR 1020/1040, BIOL 1030/1050, BIOL 1200/1230, CH 1060/1061, CH 1010, or PHYS 2070/2090</i>
G. Social Sciences: 6 credits	HIS 201 ECO 210 or ECO 211	HIST 1010 ECON 2120 or ECON 2110
Global Challenges (6 total credits): <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. Philosophy: 3 credits	PHI 105	PHIL 1020

Note: Students will enroll in ED 1050 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

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).
3. Complete the Bridge program requirements (earning at least 30 credit hours and 2.5 GPA)
4. Complete the Math course(s) 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 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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