



Geology (BS) Curriculum Worksheet (2022-2023)

Environmental Science Concentration

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.

SUGGESTED CORE COURSE SEQUENCE

Fall Semester

ENG 101 or ENG 103

CHM 110

MAT 140

Arts & Hum. (Non-Lit.) Req.¹

Social Sciences Requirement¹

Total Hours: 17

Advising Notes:

Spring Semester

CHM 111

ENG 102 or Arts & Hum. (Lit.) Req.²

MAT 141

PHY 221

Total Hours: 15

Advising Notes:

Additional Course Options

BIO 101

BIO 102

BIO 209

CHM 211

MAT 120

Social Sciences Requirement³

¹ See Geology BS-Environmental Science curriculum worksheet for suggested courses to fulfill this requirement.

² If ENG 101 + 102 is taken for English Composition requirement, ENG 102 should be taken instead of the Arts & Hum. (Lit.) requirement.

³ Select a Social Science course that is in a different discipline from the previous social science course (i.e. if HIS 201 is taken previously, HIS 101 cannot be taken to fulfill this requirement).



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Advising worksheets are supplemental planning aids and are for informational purposes only. 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 **Alan Coulson** (acoulso@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 + 1030
B. Oral Communication	<i>Will be satisfied through other major-specific requirements at Clemson.</i>	
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, PHI 110, REL 101, REL 201, or THE 101	Select one course from the following: ART 2100, AAH 1010, STS 1010 MUSC 2100, PHIL 1010, PHIL 1020, PHIL 1030, REL 1010, REL 1020, or THEA 2100
E. Mathematics: 8 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 may be taken at Clemson and must be in a different discipline than 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, GEO 102, HIS 101, HIS 102, HIS 122, 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, GEOG 1030, HIST 1720, HIST 1730, HIST 1220, HIST 1010, HIST 1020, POSC 1010, POSC 1020, PSYC 2010, SOC 2010, or SOC 2020
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>	
<i>Note: Students will enroll in GEOL 1010/1030 and GEOL 1120 at Clemson.</i>		