



## Geology (BS) Curriculum Worksheet (2024 – 2025) Hydrogeology 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. Advising worksheets are supplemental planning aids and are for informational purposes only.

### SUGGESTED CORE COURSE SEQUENCE

#### Fall Semester

CHM 110  
ENG 101 or ENG 103  
MAT 140  
Arts and Humanities (Non-Lit.) Req.<sup>1</sup>  
HIS 201 or PSC 201  
**Total Hours: 17**

Advising Notes:

#### Spring Semester

CHM 111  
MAT 141  
ENG 102 or Arts and Humanities (Lit.) Req.<sup>2</sup>  
PHY 221  
**Total Hours: 15**

Advising Notes:

#### Additional Course Options

Hydrogeology Req.<sup>3</sup>

PHY 222

MAT 120

Social Sciences Req

<sup>1</sup> See the reverse side of this worksheet for suggested courses to fulfill this requirement.

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

<sup>3</sup> Select 12 hours from the following courses: BIO 209, CHM 211, EGR 270, MAT 240, or MAT 242.



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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 **Alan Coulson** ([acoulso@clemson.edu](mailto:acoulso@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 <u>or</u> ENG 101 + 102	ENGL 1030 or ENGL 1999 + 1030
B. Oral Communication	Will be satisfied through other major-specific requirements at Clemson.	
<b>Ways of Knowing (19 total credits):</b> <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: 11 credits	MAT 140 MAT 141 MAT 120	MATH 1060 MATH 1080 STAT 2300
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: Second Social Science course must be from a different discipline than the first course (i.e., HIS 101 and HIS 201 cannot be used to satisfy both requirements).</i>	Select one course from the following: ANT 101, HIS 101, or HIS 102,	Select one course from the following: ANTH 2010, HIST 1720, or HIST 1730
	HIS 201 and PSC 201 strongly recommended as they satisfy the REACH requirement for graduation.	
<b>Global Challenges (6 total credits):</b> <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>	

Note: Students will enroll in GEOL 1010/1030 and GEOL 1120 at Clemson.