



## Geology (BS) Curriculum Worksheet (2022-2023)

### 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

Arts and Humanities (Non-Lit.) Req.<sup>1</sup>

CHM 110

ENG 101 or ENG 103

MAT 140

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 Requirement<sup>3</sup>

PHY 222

MAT 120

Social Sciences Requirement<sup>4</sup>

<sup>1</sup> See Geology BS-Hydrogeology curriculum 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.

<sup>4</sup> Select any course from the Bridge Student Academic and Advising Guide that fulfills the Social Sciences requirement. Note, this course cannot be in the same discipline as the course chosen to satisfy the other three credits of Social Sciences. HIS 201 and PSC 201 are strongly recommended as they fulfill the REACH requirement for graduation. If a History course is taken to complete Social Science Course#1, HIS 201 cannot satisfy the second requirement.



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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	<i>Will be satisfied through other major-specific requirements at Clemson.</i>	
<b>Ways of Knowing (19 total credits):</b> <i>Employing intellectual inquiry.</i>		
C. Arts & Hum. (Lit.): 3 credits	<i>Select one course from the following:</i> ENG 201, ENG 202, ENG 205, ENG 206, ENG 208, ENG 209, or ENG 220	<i>Select one course from the following:</i> ENGL 2140, ENGL 2130, ENGL 2120, or ENGL 2150
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, PHI 110, REL 101, REL 201, or THE 101	<i>Select one course from the following:</i> ART 2100, AAH 1010, STS 1010 MUSC 2100, PHIL 1010, PHIL 1020, PHIL 1030, REL 1010, or REL 1020 or THEA 2100
E. Mathematics: 8 credits	MAT 120 MAT 140 MAT 141	STAT 2300 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: 3 credits	<i>HIS 201 or PSC 201</i>	HIS 1010 or PSC 1010
*Other 3 credits must be in a different discipline than first social science course (History or Political Science).	<i>Select one course from the following:</i> ANT 101, GEO 102, HIS 101, HIS 102, or PSC 220	<i>Select one course from the following:</i> ANTH 2010, GEOG 1030, HIST 1720, HIST 1730, or POSC 1020
<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>	
<i>Note: Students will enroll in GEOL 1010/1030 and GEOL 1120 at Clemson.</i>		

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