

As of February 23, 2023

2023-2024 Degree Map: B.S. Geology
School of Natural Sciences & Mathematics | Stockton University
USC1 – 240 | (609) 652-4546

This is a suggested plan of study for completion of this degree program. The **goal** of a Degree Map is to ensure that students graduate with no greater than 128 credits and in four years.

- All students should speak with their preceptor about their academic programs. Students are advised to reference their Degree Works for information about their program's At-Some-Distance and Cognate courses.
- Transfer students may not need to take all courses in the plan; they should consult with an academic advisor.

FIRST YEAR – FALL SEMESTER	
First-year seminar (FRST or G-Course) Optional Attributes: A, H, I, R, and/or V	4 credits
GEOL 2101/05 Physical Geology and Lab	5 credits
MATH 1100 Precalculus Attribute: Q1	4 credits
G-Course Attribute: W1	4 credits
Total Course Load as of First Year Fall Semester	17 credits

FIRST YEAR – SPRING SEMESTER	
G-Course Optional Attributes: A, H, I, R, and/or V	4 credits
GEOL 2102/06 Historical Geology w/lab	5 credits
MATH 2215 Calculus I Attribute: Q1	5 credits
CHEM 2110/15 Chemistry I: General Principles w/lab ¹ Attribute: Q2	5 credits
First Year Credit Total Overall	36 credits

SECOND YEAR – FALL SEMESTER	
G-Course Optional Attributes: A, H, I, R, and/or V	4 credits
GEOL 3211 Mineralogy (ODD YEARS) OR GEOL 3221 Field Geology Attribute: W1-GEOL 3221 only (EVEN YEARS)	4 credits
GEOL 3231 Sedimentology and Stratigraphy (ODD YEARS) OR G-Course/ASD (EVEN YEARS)	4 credits
MATH 2216 Calculus 2 Attribute: W1	5 credits
Total Course Load as of Second Year Fall Semester	53 credits

As of February 23, 2023

2023-2024 Degree Map: B.S. Geology
School of Natural Sciences & Mathematics | Stockton University
USC1 – 240 | (609) 652-4546

SECOND YEAR – SPRING SEMESTER	
G-Course Optional Attributes: A, H, I, R, and/or V	4 credits
GEOL 3212 Petrology (EVEN YEAR) OR GEOL 3232 Structural Geology (ODD YEARS)	4 credits
CHEM 2120/25 Chemistry II: Organic Structure w/lab ¹ OR CHEM 2140 Chemistry IV; Theory and Application w/lab ¹ Attribute: Q2 -CHEM IV only	4-5 credits
G-course OR ASD Attribute: W1/W2	4 credits
Second Year Credit Total Overall	69-70 credits

THIRD YEAR – FALL SEMESTER	
G-course Optional Attributes: A, H, I, R, and/or V	4 credits
GEOL 3211 Mineralogy (ODD YEARS) OR GEOL 3221 Field Geology (EVEN YEARS)	4 credits
GEOL 3231 Sedimentology and Stratigraphy (ODD YEARS) OR G-Course/ASD (EVEN YEARS)	4 credits
PHYS 2220/25 Physics I w/lab ² OR PHYS 2110/15 Physics for Life Sciences w/lab ² Attribute: Q1	5-6 credits
Total Course Load as of Third Year Fall Semester	86-88 credits

THIRD YEAR – SPRING SEMESTER	
G-course Optional Attributes: A, H, I, R, and/or V	4 credits
GEOL 3212 Petrology (EVEN YEAR) OR GEOL 3232 Structural Geology (ODD YEARS)	4 credits
PHYS2230/35 Physics II w/lab ² OR PHYS 2120/25 Physics for Life Sciences II w/lab ² Attribute: Q1	5-6 credits
G-course OR ASD Attribute: W1/W2	4 credits
Third Year Credit Total Overall	103-106 credits

As of February 23, 2023

2023-2024 Degree Map: B.S. Geology
School of Natural Sciences & Mathematics | Stockton University
USC1 – 240 | (609) 652-4546

FOURTH YEAR – FALL SEMESTER	
G-course OR ASD Optional Attributes: A, H, I, R, and/or V	4 credits
GEOL 3000+ Elective ³ /NAMS Cognate	4 credits
GEOL 3000+ Elective ³ /NAMS Cognate	4 credits
GEOL 4800/4900 Independent Study or Internship	2-4 credits
Total Course Load as of Fourth Year Fall Semester	117-122 credits

FOURTH YEAR – SPRING SEMESTER	
G-course OR ASD Optional Attributes: A, H, I, R, and/or V	4 credits
GEOL 3000+ Elective ³ /NAMS Cognate	4 credits
GEOL 3000+ Elective ³ /NAMS Cognate	4 credits
Fourth Year Credit Total Overall	129-134 credits

Program Specific Notes

- A **2.0 GPA** is required in all NAMS courses. A **2.0 GPA** is required in all GEOL courses.
- ¹ It is important to note that at Stockton, Chemistry I and IV are 'General Chemistry' **Attribute:** Q2 while CHEM II and CHEM III are 'Organic Chemistry', thereby students may proceed to CHEM II or CHEM IV after taking CHEM I with lab.
² More sections of PHYS 2110/15 and PHYS 2220/25 are offered in the Fall semester. More sections of PHYS 2120/25 and PHYS 2230/35 are offered in the Spring semester.
- ³ Most 3000 and 4000-level courses are offered in alternate years.