

Geology Emphasis of Study

Associate of Science - 60 Credit Hours

This map provides a guide to completing a certificate program or an associate degree. Completion is subject to pre-requisite requirements and availability of the program/courses by location.

TERM 1		CREDITS	MILESTONE	SGE	COMPLETED
MATH 1830	Trigonometry*	3	✓	030	
CHEM 1806	College Chemistry I*	5		040	
	Arts & Humanities Requirement	3		060	
	Barton Designated Requirement	2		070	
	Suggested Emphasis Elective	3			
TOTAL CREDITS		16			

TERM 2		CREDITS	MILESTONE	SGE	COMPLETED
MATH 1832	Analytic Geometry - Calculus I*	5			
PHSC 1402	Introduction to Geology	5			
CHEM 1808	College Chemistry II*	5			
	Barton Designated Requirement	1		070	
TOTAL CREDITS		16			



Milestone Courses should be taken in the term shown. This will help you stay on track and graduate on time.



Make your summer matter.

Summer is a great time to take some courses and get ahead or stay on track.



Systemwide General Education (SGE) Key

010	English	6 hours
020	Communications	3 hours
030	Math & Statistics	3 hours
040	Natural & Physical Science	4-5 hours
050	Social & Behavioral Sciences	6 hours
060	Arts & Humanities	6 hours
070	Barton Designated	6 hours
	sge.bartonccc.edu	

General Advising Notes

- * Subject to placement or pre-requisite requirements.
- To meet the criteria for the Social & Behavioral Sciences area, there must be at least two courses from two different subject areas. The subject areas include ANTH, ECON, GEOG, POLS, PSYC, and SOCI.
- To meet the criteria for the Arts & Humanities area, there must be at least two courses from two different subject areas. The subject areas include ARTS, COMM, DANC, ENGL, HIST, LITR, LANG, MUSI, PHIL, RELI, and THEA.

Student Name _____

ID#



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TERM 3		CREDITS	MILESTONE	SGE	COMPLETED
ENGL 1204 or ENGL 1209	English Composition I* or English Composition I with Review*	3		010	
PHYS 1600	Physics I*	5			
	Social & Behavioral Sciences Requirement	3		050	
	Barton Designated Requirement	3		070	
TOTAL CREDITS		14			

TERM 4		CREDITS	MILESTONE	SGE	COMPLETED
ENGL 1206	English Composition II*	3		020	
	Communications Requirement	3		010	
	Arts & Humanities Requirement	3		060	
	Social & Behavioral Sciences Requirement	3		050	
	Suggested Emphasis Elective	2			
TOTAL CREDITS		14			

Suggested Emphasis Electives

- AGRI 1100 Agriculture in Our Society (3)
- CHEM 1802 Fundamentals of General Chemistry (5)*
- CHEM 1814 Organic Chemistry I (5)*
- · CHEM 1816 Organic Chemistry II (5)*
- LIFE 1402 Principles of Biology (5)
- LIFE 1406 Principles of Botany (5)*
- LIFE 1407 Anatomy and Physiology I (4)
- LIFE 1408 Anatomy and Physiology (5)
- LIFE 1409 Anatomy and Physiology II (4)*
- LIFE 1410 Principles of Zoology (5)*
- LIFE 1412 Principles of Microbiology (5) LIFE 1422 Pathophysiology (4)*
- MATH 1834 Calculus II (5)*
- MATH 1836 Calculus III (3)*
- PHYS 1602 Physics II (5)*
- PHYS 1604 Engineering Physics I (5)*
- PHYS 1606 Engineering Physics II (5)*

- PSYC 1130 Death and Dying (3)
- PRGM 1007 Foundations of Computer Science (3)
- PRGM 1033 Web Programming (3)
- PRGM 1037 Computer Science I (4)*
- PRGM 1038 Computer Science II (3)*
- PRGM 1039 Object Oriented Java Programming (3)*
- STAT 1827 Elements of Statistics Lab (0-1)
- STAT 1829 Elements of Statistics (3)*
- STAT 1840 Business and Economic Statistics I (3)*

See full list of courses in courses.bartonccc.edu

Advising Notes

- * Subject to pre-requisite requirements prereq.bartonccc.edu
- · Some courses in the Suggested Emphasis Electives are only offered in certain terms (fall or spring or summer). Make sure to plan ahead and not miss a important milestone.
- · Recommend a HLTH activity course and a performance course in the arts for the Barton Designated Requirement.

Student Name ID#