

Geology Associate of Science

Effective beginning Academic Year 2019-20 (Last revised June 24, 2020)

GENERAL EDUCATION REQUIREMENTS/OHIO TRANSFER 36		Course Number	Credit Hours
ENGLISH COMPOSITION AND ORAL COMMUNICATION:			3
Course 1:	Any Ohio Transfer 36 approved First Writing (TME001) course	ENGL 1101	3
MATHEMATICS, STATISTICS, AND LOGIC:			5
Course 1:	Calculus I (TMM005) ¹	MATH 2221	5
ARTS AND HUMANITIES:			6
+ Course 1:	Any Ohio Transfer 36 approved Arts and Humanities course	AH Elective (see last page for list)	3
+ Course 2:	Any Ohio Transfer 36 approved Arts and Humanities course	AH Elective (see last page for list)	3
SOCIAL AND BEHAVIORAL SCIENCES:			6
+ Course 1:	Any Ohio Transfer 36 approved Social and Behavioral Sciences course	SBS Elective (see last page for list)	3
+ Course 2:	Any Ohio Transfer 36 approved Social and Behavioral Sciences course	SBS Elective (see last page for list)	3
NATURAL SCIENCES:			10
Course 1:	General Chemistry I with lab (OSC008)	CHEM 1151 and CHEM 1161	5
Course 2:	General Chemistry II with lab (OSC009) ²	CHEM 1152 and CHEM 1162	5
ADDITIONAL CREDITS: ³			8
Course 1:	Any Ohio Transfer 36 approved Second Writing (TME002) course	ENGL 1102	3
Course 2:	Ohio Transfer 36 approved elective [Recommended: Calculus-Based Physics I with lab (OSC016) or Algebra-Based Physics I with lab (OSC014)]	PHYS 2201 and PHYS 2211 or PHYS 2221 and PHYS 2231	5
GENERAL EDUCATION/OHIO TRANSFER 36 TOTAL:			38
<p>Advising Notes:</p> <p>Where it indicates "Any Ohio Transfer 36 approved," students should work closely with their advisors. (+) indicates that the courses chosen should be from two different areas within that category.</p> <p>¹ A prerequisite, such as College Algebra (TMM001), may be needed for a student to reach Calculus I (TMM005). The mathematics requirement may vary by institution, and students planning to pursue a Bachelor of Arts in Geology may only need Pre-Calculus (TMM002) or an applied calculus course. Check with your academic advisor and your receiving institution to determine the appropriate mathematics course.</p> <p>² Students pursuing a Bachelor of Science in Geology should take General Chemistry II with lab (OSC009). Students pursuing a Bachelor of Arts may take any Ohio Transfer 36 approved Natural Sciences course.</p> <p>³ Due to the variability across institutions, students should work with their academic advisor to determine an appropriate program of study and appropriate amount of additional credits to satisfy the Ohio Transfer 36.</p>			

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PRE-MAJOR/BEGINNING MAJOR		Course Number	Credit Hours
Course 1:	Physical Geology with lab (OSC025)	PHYS 1104	4
Course 2:	Historical Geology with lab (OSC026)	Course Sharing ¹	4
PRE-MAJOR/BEGINNING MAJOR TOTAL:			8
Advising Notes: ¹ This course is not currently offered at SSCC but can be taken through another institution. Please discuss your course sharing options with your academic advisor.			

OTHER REQUIREMENTS		Course Number	Credit Hours
Electives:	General Electives as needed (May include FYE or Orientation course) ¹	COMM 1115	3
		Arts and Humanities Elective	3
		Social and Behavioral Sciences Elective	3
		MATH 1141, MATH 1142, or Ohio Transfer 36/TAG Electives	5-8
OTHER REQUIREMENTS TOTAL:			14-17
Advising Notes: ¹ Certain institutions may require two semesters or more of foreign language for Bachelor of Arts and Bachelor of Science degrees. If so, foreign language should be taken – check with your receiving institution. Mineralogy (OSC027) and Introduction to Geographic Information Systems (OSS051) are recommended electives. Calculus-Based Physics II with lab (OSC017) or Algebra-Based Physics II with lab (OSC015) may also be recommended. Please work with your academic advisor and your receiving institution to determine an appropriate program of study.			

ASSOCIATE DEGREE	Total Credit Hours
ASSOCIATE DEGREE TOTAL:	60-63

SPECIAL NOTES
<p>Students with plans of pursuing a pre-professional or graduate studies track in the future should work closely with their academic advisor and receiving institution starting in the first year of their program in order to adequately prepare themselves for those types of tracks. Some pre-professional degrees include pre-medicine, pre-veterinary, pre-law, and pre-dentistry.</p> <p>Some bachelor-degree granting programs may be competitive and admission into the program is not guaranteed. Students should check with individual institutions for their program admission requirements.</p> <p>Some bachelor-degree granting institutions require additional general education courses outside of the Ohio Transfer 36 and students may be required to take these courses in their junior or senior year. Students will still be able to follow this pathway and complete their bachelor's degree in approximately 60 additional credit hours.</p>

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SPECIAL NOTES

For more information, please contact:
Student Success Center
studentsuccess@sscc.edu
(937) 393-3431 ext. 2825
www.sscc.edu

SAMPLE DEGREE MAP

FIRST YEAR

SEMESTER 1		SEMESTER 2	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
ENGL 1101 English Composition I	3	ENGL 1102 English Composition I	3
MATH 1141 College Algebra	4	MATH 1152 College Trigonometry	4
CHEM 1151 First Year Chemistry I and CHEM 1161 First Year Chemistry Lab I	5	CHEM 1152 First Year Chemistry II and CHEM 1162 First Year Chemistry Lab II	5
Ohio Transfer 36 Social and Behavioral Sciences Elective	3	Ohio Transfer 36 Arts and Humanities Elective	3
		COMM 1115 Fundamentals of Effective Speech	3
Total Semester 1 Credit Hours	15	Total Semester 2 Credit Hours	18

SECOND YEAR

SEMESTER 3		SEMESTER 4	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
PHYS 1104 Physical Geology	4	PHYS 2201 General Physics I (Algebra Based) and PHYS 2211 General Physics Lab I or PHYS 2221 College Physics for Scientists and Engineers I and PHYS 2231 College Physics for Scientists and Engineers Lab I	5
MATH 2221 Calculus I	5	Historical Geology (Course Sharing)	4
Ohio Transfer 36 Arts and Humanities Elective	3	Arts and Humanities Elective	3
Ohio Transfer 36 Social and Behavioral Sciences Elective	3	Social and Behavioral Sciences Elective	3
Total Semester 3 Credit Hours	15	Total Semester 4 Credit Hours	15

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OHIO TRANSFER 36 ELECTIVES

Please work closely with your advisor when selecting courses.

ARTS AND HUMANITIES	Course Number	Credit Hours
Introduction to Literature	ENGL 2201	3
The Great American Novel	ENGL 2202	3
Women's Literature	ENGL 2207	3
Readings in Early British Literature	ENGL 2217	3
Readings in Later British Literature	ENGL 2218	3
American Literature to 1865	ENGL 2230	3
American Literature after 1865	ENGL 2235	3
Contemporary World Literature: The Novel (1945 to present)	ENGL 2236	3
Introduction to Film	ENGL 2240	3
Film History	ENGL 2241	3
Classical & World Mythology	ENGL 2246	3
Critical and Cultural Approaches to the Fairytale	ENGL 2247	3
Introduction to the Arts	FNAR 1104	3
History of Art I	FNAR 1111	3
History of Art II	FNAR 1112	3
Music Appreciation I	FNAR 1116	3
Music Appreciation II	FNAR 1117	3
Introduction to World Philosophy	PHIL 1101	3
Introduction to Western Philosophy	PHIL 1102	3
Ethics	PHIL 1107	3
Introduction to Theatre	THEA 1121	3

SOCIAL AND BEHAVIORAL SCIENCES	Course Number	Credit Hours
Principles of Microeconomics	ECON 2205	3
Principles of Macroeconomics	ECON 2206	3
American History I	HIST 1110	3
American History II	HIST 1111	3
African American History	HIST 1130	3
American Women's History	HIST 1140	3
Introduction to Western Civilization I	HIST 1151	3
Introduction to Western Civilization II	HIST 1152	3
American Government (The American Democracy I)	PSCI 1104	3
American Government (The American Democracy II)	PSCI 1105	3
Principles of Psychology	PSYC 1110	3
Introduction to Diversity	SOCI 1107	3
Introduction to Sociology	SOCI 1170	3