



Transfer Credit Ohio

Ohio Guaranteed Transfer Pathways

SINCLAIR COLLEGE

Geology Associate of Science

EFFECTIVE BEGINNING ACADEMIC YEAR 2024-25

LAST REVISED: February 28, 2025

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	ENG 1101	3
MATHEMATICS, STATISTICS, AND LOGIC			5
Course 1:	Calculus I (TMM005) ¹	MAT 2270	5
ARTS AND HUMANITIES			6
+ Course 1:	Any Ohio Transfer 36 approved Arts and Humanities course	HIS 1111 or HIS 2218	3
+ Course 2:	Any Ohio Transfer 36 approved Arts and Humanities course	HUM 1135*	3
SOCIAL AND BEHAVIORAL SCIENCES			6
+ Course 1:	Any Ohio Transfer 36 approved Social and Behavioral Sciences course	GEO 1101 or GEO 1201	3
+ Course 2:	Any Ohio Transfer 36 approved Social and Behavioral Sciences course	PLS 1120*	3
NATURAL SCIENCES			10
Course 1:	General Chemistry I with lab (OSC008)	CHE 1211/1251	5
Course 2:	General Chemistry II with lab (OSC009) ²	CHE 1221/1261	5
ADDITIONAL CREDITS³			8
Course 1:	Any Ohio Transfer 36 approved Second Writing (TME002) course	SOC 1145	3
Course 2:	Ohio Transfer 36 approved elective [Recommended: Calculus-Based Physics I with lab (OSC016) or Algebra-Based Physics I with lab (OSC014)]	PHY 2201/2207	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.</p> <p>(+) indicates that the courses chosen should be from two different areas within that category.</p> <p>(*) indicates that other course options may be available. Please consult with your academic advisor.</p> <p>¹ A prerequisite 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)	GLG 1101/1111	4
Course 2:	Historical Geology with lab (OSC026)	GLG 1201/1211	4
PRE-MAJOR/BEGINNING MAJOR TOTAL:			8

OTHER RECOMMENDATIONS		COURSE NUMBER	CREDIT HOURS
Electives:	General Electives as needed (May include FYE or Orientation course) ¹	COM 2211	3
		MET 1131	1
		MAT 2280	5
		PHY 2202/2208	5
OTHER RECOMMENDATIONS TOTAL:			14

Advising Notes:

¹ Certain institutions may require two semesters or more of world language for Bachelor of Arts and Bachelor of Science degrees. If so, world 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

SPECIAL NOTES

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.

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.

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.

For more information, please contact:

Academic Advising

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SAMPLE DEGREE MAP

FIRST YEAR

SEMESTER 1		SEMESTER 2	
COURSE NAME & NUMBER	CREDIT HOURS	COURSE NAME & NUMBER	CREDIT HOURS
ENG 1101 English Composition I	3	MAT 2280 Calculus & Analytical Geometry II	5
MAT 2270 Calculus & Analytical Geometry I	5	CHE 1221/1261 General Chemistry II with Lab	5
CHE 1211/1251 General Chemistry I with Lab	5	HUM 1135 Environmental Ethics	3
HIS 1111 Western Civilization I or HIS 2218 History of Ohio	3	MET 1131 Personal Computer Applications for Engineering and Technology	1
Total SEMESTER 1 Credit Hours	16	Total SEMESTER 2 Credit Hours	14

SECOND YEAR

SEMESTER 3		SEMESTER 4	
COURSE NAME & NUMBER	CREDIT HOURS	COURSE NAME & NUMBER	CREDIT HOURS
PHY 2201/2207 General Physics I with Lab	5	PHY 2202/2208 General Physics II with Lab	5
GLG 1101/1111 Physical Geology with Lab	4	GLG 1201/1211 Historical Geology with Lab	4
SOC 1145 Introduction to Cultural Anthropology	3	COM 2211 Effective Public Speaking	3
GEO 1101 Human Geography or GEO 1201 World Regional Geography	3	PLS 1120 American Federal Government	3
Total SEMESTER 3 Credit Hours	15	Total SEMESTER 4 Credit Hours	15