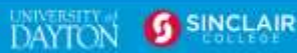


# ACADEMIC PATHWAYS



Sinclair Community College – Mathematics: Associate of Science Degree  
To

University of Dayton – Bachelor Arts/Major – Mathematics

## FALL SEMESTER 1

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR	UD COURSE #
ENG	1101	English Composition I	3	ENG 100
MAT	2270	Calculus & Analytic Geometry I	5 (4 UD)	MTH 168
REL	1112	Western Religions	3	REL 103
HIS	1111	Western Civilization I	3	HST 103
SCC	1101	First Year Experience	1	ASI 150
<b>TOTAL</b>			<b>15 (14 UD)</b>	

## SPRING SEMESTER 2

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR	UD COURSE #
ENG	1201	English Composition II	3	ENG 200
MAT	2280	Calculus & Analytic Geometry II	5 (4 UD)	MTH 169
PHY	2201/2207	General Physics I and Lab	5 (4 UD)	PHY 206/206L
PHI	2205	Introduction to Philosophy	3	PHL 103
<b>TOTAL</b>			<b>16 (14 UD)</b>	

## FALL SEMESTER 3

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR	UD COURSE #
MAT	2290	Calculus & Analytic Geometry III	5 (4 UD)	MTH 218
PHY	2202/2208	General Physics II and Lab	5 (4 UD)	PHY 207/211L
SOC	1145	Intro to Cultural Anthropology	3	ANT 150
COM	2211	Effective Public Speaking	3	CMM 1XX
<b>TOTAL</b>			<b>16 (14 UD)</b>	

## SPRING SEMESTER 4

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR	UD COURSE #
MAT	2310	Elementary Differential Equations	4 (3 UD)	MTH 219
MAT	2320	Linear Algebra	3	MTH 310
ECO	2180	Principles of Microeconomics	3	ECO 203
PSY	1100	General Psychology	3	PSY 101
<b>TOTAL</b>			<b>13 (12 UD)</b>	
<b>TOTAL</b>			<b>60 (54 UD)</b>	