

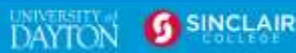
# ACADEMIC PATHWAYS



Sinclair Community College – Associate of Arts Degree  
To  
University of Dayton- Bachelor of Science in Education Degree  
Major – Adolescence to Young Adult and a Concentration – Life Science

SUBJECT CODE	COURSE NUMBER	SINCLAIR COURSE TITLE	UD COURSE TITLE	CREDIT HOUR	UD COURSE #
SCC	1101	First Year Experience	Personal Aspects of Teaching	1	EDT 109
COM	2211	Effective Public Speaking	Principles of Oral Communication	3	CMM 100
ENG	1101	English Composition I	Writing Seminar I	3	ENG 100
ENG	1112	English Composition II	Writing Seminar II	3	ENG 200
REL	1111/1112	Eastern Religions or Western Religions	Intro to Religion	3	REL 103
MAT	1450	Introductory Statistics	Introduction to Statistics	3	MTH 207
HIS	1111	Western Civilization I or Western Civilization II	The West and the World	3	HST 103
PHI	2205	Introduction to Philosophy or Introduction to Ethics	Introduction to Philosophy	3	PHL 103
BIO	1171	Principles of Biology I	Concepts of Biology I & L	4	BIO 151
BIO	1272	Principles of Biology II	Concepts of Biology II & L	4	BIO 152
BIO	2222	Evolution	Evolution	3	BIO 301
BIO	2225	Ecology	Ecology & L	4	BIO 310
BIO	2235/2236	Genetics w/lab	General Genetics & L	4	BIO 312
CHE	1211/1151	General Chem. I w/lab	General Chemistry I and L	4	CHM 123
CHE	1221/1161	General Chem. II w/lab	General Chemistry II and L	4	CHM 124
PSY	1100	General Psychology	Intro to Psychology	3	PSY 101
		2 Electives other than PSY	Elective	3	
EDU	2297	The Profession of Teaching & Lab-SCC	The Profession of Teaching & Lab	3	EDT 110
MET	1131	Personal Computer Applications for Engineering Tech	Meets computer requirement for Life Science	1	
EDU	2297	The Profession of Teaching and Lab-SCC	The Profession of Teaching	3	EDT 110
<b>Total</b>				<b>64</b>	
*		Art course to meet CAP Arts (will be determined at a later date)	CAP Arts	3	

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*HIS	2217	Survey of East Asian History	History of Pre-Modern East Asia	3	HST 260
*BIO	2205/2206	Microbiology and Lab	General Microbiology and Lab	4	BIO 411 BIO 2XT
*MAT	2270	Analytical Geometry and Calc I	Analytical Geometry and Calc I	4	MTH 168
<b>Total Hours</b>			<b>15</b>		

\*Students may elect to take the following courses at Sinclair CC. All courses in this list will meet a requirement for the BSE-AYA Life Science Degree at UD. All remaining courses will need to be taken at UD to complete BSE degree requirements.

## University of Dayton

SUBJECT CODE	COURSE NUMBER	UD COURSE TITLE	CREDIT HOUR
EDT	222 & L	Middle Childhood to Young Adult Dev in Diverse Society	3
EDT	305	Philosophy and History of American Education	3
EDT	338 & L	Teaching and Learning	3
EDT	340 & L	Educating Diverse Students	3
EDT	434 & L	Methods Course and Lab	4
EDT	436	AYA Capstone Seminar	3
EDT	459	Critical Reading in the Content Area	3
EDT	475	Student Teaching	12
EDT	481	Assessment	3
EDT	309 & L	Comparative Anatomy and Lab	4
EDT	314 & L	Plant Biology and Lab	4
EDT	313 & L	Organic Chemistry I and Lab	4
GEO	115 & L	Physical Geology and Lab	4
PHY	201	General Physics and Lab	4
<b>Total Hours</b>			<b>57</b>

54 semester hours must be taken at a 4 year college or university and the last 30 semester hours must be taken at the University of Dayton. 124 hours minimum are required for BSE. Required GPA at the time of the Associates Degree is 3.0. Hours may change based on licensure program requirements.