

ACADEMIC PATHWAYS



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

This Academic Pathway is to be used only by students who are formally admitted to the University of Dayton and enrolled in the UD-Sinclair Academy Program. Being a prospective transfer student from Sinclair College is not the same as a UD-Sinclair Academy student. Students interested in taking advantage of this Academic Pathway must apply to the Program through the UD-Sinclair Academy website at <https://www.udayton.edu/academy/index.php>.

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE	UD CREDIT HOUR
BIO	1171	5	Principles of Biology I	BIO 151+151L+1XX	3+1+1
BIO	1272	5	Principles of Biology II	BIO 152+152L +1XX	3+1+1
BIO	2222	3	Evolution	BIO 2XX	3
BIO	2225	4	Ecology	BIO 2XY	4
BIO	2235	4	Genetics	BIO 312+312L	4
CHE	1211	5	General Chemistry I	CHM 1GF+1GFL+1XX	3+1+1
CHE	1221	5	General Chemistry II	CHM 1GS+1GSL+1XX	3+1+1
COM	2206 or 2211	3	Interpersonal Communication Effective Public Speaking	CMM 320 or CMM 351	3
ENG	1101	3	English Composition I	ENG 100	3
ENG	1201	3	English Composition II	ENG 200	3
HIS	1112	3	Western Civilization II	HST 103	3
MAT	1450 or	4	Introductory Statistics	MTH 207+1XX or	3+1 or
MAT	2270	5	Calculus & Analytic Geometry I	MTH 168+1XX	4+1
MET	1131	1	Personal Computer Applications for Engineering Technology	CPS 1XX	1
PHI	2205 or 2206	3	Introduction to Philosophy Introduction to Ethics	PHL 103 or PHL 1XC	3
PSY	1100	3	General Psychology	PSY 101	3
REL	1111 or 1112	3	Eastern Religions Western Religions	REL 1XC or REL 103	3
SCC	1101	1	First Year Experience	Elective Credit (See Sinclair Advisor)	1

ACADEMIC PATHWAYS



SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE	UD CREDIT HOUR
		3	Ohio Transfer Module Social & Behavioral Sciences Course (Select one that is not Psychology)	Elective Credit (See Sinclair Advisor)	3
TOTAL		61-62			61-62

- Students must meet with the advisor before acceptance into this program.
- **EDT 110 and Lab course, The Profession of Teaching, is required by the University of Dayton to be successfully completed by all students in the Department of Teacher Education. For current Sinclair students accepted into the UD-Sinclair Academy, this course may be taken at the University of Dayton, at no cost to the student, while still taking classes at Sinclair. The University of Dayton advisors can provide information regarding eligibility and registration. We strongly encourage Academy students to take EDT 110 and Lab at the University of Dayton prior to transitioning to the University of Dayton. Please note that EDT 110 and lab may also be used for Sinclair's EDU 1100 when required for the associate degree.**
- Completion of both CHE 1211 and CHE 1221 are required for transfer credit. Consult with Sinclair College Advisor for course sequencing.
- COM 2206 or 2211 will meet the communication requirement at the University of Dayton with the completion of the Associate Degree. This exception applies to only UD-Sinclair Academy students. Consult with your UD advisor if you are eligible for this exception.
- CPS 1XXcredit will meet computer requirement for Life Sciences.
- PSY 1100 will meet the social science integrated course requirement at the University of Dayton with the completion of the Associate Degree.
- PHL 1XC at UD will substitute for PHL 103 requirement. This exception applies to only UD-Sinclair Academy students. Consult with your UD advisor if you are eligible for this exception.
- REL 1XC at UD will substitute for REL 103 requirement. This exception applies to only UD-Sinclair Academy students. Consult with your UD advisor if you are eligible for this exception.
- 124 hours minimum are required for BSE. Required GPA at the time of the Associate Degree is 3.0.
- Hours may change based on changes in licensure and/or program requirements.
- Students are strongly recommended to begin their University of Dayton programs fall term.
- Conflicts of times of courses may result in course changes in the last four terms at the University of Dayton.
- 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.
- It is recommended that students take at least 15 hours per semester at Sinclair.

Students are recommended to complete the following additional coursework at Sinclair in order to graduate in a timely manner from UD:

ACADEMIC PATHWAYS



SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE	UD CREDIT HOUR
ART ART ART	1110, 2230 2231,	3	Art Appreciation Art History: Ancient-Medieval Art History - Renaissance through Contemporary	CAP Arts (See UD Advisor)	3
MUS MUS THE	1121, 1123, or 1101		Music Appreciation World Music Theatre Appreciation		
CHE	2111	5	Organic Chemistry		
GLG	1101	4	Physical Geology	GEO 115+115L	4
HIS	1101 or 1102	3	U.S. History I U.S. History II	HST 251 or HST 252	3
MAT	2280	5	Calculus & Analytic Geometry II	MTH 169+1XX	4+1
PHY	1141	4	College Physics I	PHY 201+201L	4
TOTAL		24			24

The following coursework will be required to complete the BSE, Life Sciences program at the University of Dayton.

FALL SEMESTER THIRD YEAR

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
EDT	110	The Profession of Teaching	3
EDT	110L	The Profession of Teaching Laboratory	0
EDT	222	Middle Childhood to Young Adult Development in a Diverse Society	3
EDT	222L	Middle Childhood to Young Adult Development in a Diverse Society Laboratory	0
		CAP Crossing Boundaries: Inquiry and Advanced Historical Studies	3
		Concentration	4
		Concentration	4
TOTAL			17

SPRING SEMESTER THIRD YEAR

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
EDT	338	Teaching, Learning, and Management	3

ACADEMIC PATHWAYS



EDT	338L	Teaching, Learning, and Management Laboratory	0
EDT	340	(CAP Diversity & Social Justice and Crossing Boundaries: Integrative) Educating Diverse Student Populations in Inclusive Settings	3
EDT	340L	Educating Diverse Student Populations in Inclusive Settings Laboratory	0
		CAP Crossing Boundaries: Faith Traditions and Advanced Philosophical/Religious Studies	3
		Concentration	4
		Concentration	4
TOTAL			17

FALL SEMESTER FOURTH YEAR

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
EDT	305	(CAP Crossing Boundaries: Practical Ethical Action and Advanced Philosophical Studies) Philosophy & History of American Education	3
EDT	434	Science Methods for Adolescence to Young Adult	3
EDT	434L	Science Methods for AYA (7-12) Field Internship	1
EDT	459	Critical Reading and Writing in the Content Area	3
EDT	481	Adolescence to Young Adult Assessment	3
		Concentration	3
TOTAL			16

SPRING SEMESTER FOURTH YEAR

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
EDT	436	AYA Capstone Seminar (CAP Capstone)	3
EDT	475	Student Teaching	12
TOTAL			15

- Review your DegreeWorks audits with your UD academic advisor to fully understand the remaining degree requirements and specific course options.