

ACADEMIC PATHWAYS



**Sinclair College - Associate of Science Degree
To
University of Dayton – Bachelor of Science in Education
Major - Exercise Physiology**

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	UD COURSE #
BIO	1171	Principles of Biology I	5	BIO 151+151L
BIO	1272	Principles of Biology II	5	BIO 152+152L
CHE	1211	General Chemistry I	5	CHM 1GF+1GFL
CHE	1221	General Chemistry II	5	CHM 1GS+1GSL
COM	2206 or 2211	Interpersonal Communication Effective Public Speaking	3	CMM 320 or CMM 351
ENG	1101	English Composition I	3	ENG 100
ENG	1201	English Composition II	3	ENG 200
HIS	1112	Western Civilization II	3	HST 103
HIS	2217	Survey of Eastern Asia	3	HST 260
MAT	1450	Introductory Statistics	4	MTH 207
PHI	2205 or 2206	Introduction to Philosophy Introduction to Ethics	3	PHL 103
PSY	1100	General Psychology	3	PSY 101
PSY	2200	Lifespan Human Development	3	PSY 251
REL	1111 or 1112	Eastern Religions Western Religions	3	REL 103
SCC	1101	First Year Experience	1	Elective Credit (See Sinclair Advisors)
		Ohio Transfer Module Social and Behavioral Science Course (Select one that is not Psychology)	3	Elective Credit (See Sinclair Advisor)
TOTAL			55	
Students may select from the following courses at Sinclair to fulfill the remaining semester hours for the Associate Degree.				
MAT	2270	Calculus & Analytic Geometry I	5	MTH 168
PHY	1141	College Physics I	4	PHY 201+201L
PHY	1142	College Physics II	4	PHY 202+202L
		Approved Arts Course	3	CAP Arts Elective (See UD Advisor)
TOTAL			16	

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- HIS 1111 will be transferred to the University of Dayton as HST 1XX effective Fall 2018.
- It is recommended that students take at least 15 hours per semester at Sinclair.
- Students must meet with the advisor before acceptance into this program.
- 54 semester hours must be taken from a four-year college or university, and the last 30 semester hours must be taken at the University of Dayton.
- 131 hours minimum are required for BSE. Required GPA at the time of the Associate Degree is 3.0. Hours may change based on licensure program requirements.
- Students are strongly recommended to begin their University of Dayton programs fall term.
- Completion of both CHE 1211 and CHE 1221 are required for transfer credit to fulfill Chemistry requirements.
- 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.
- PSY 1100 will meet the social science integrated course requirement at the University of Dayton with the completion of the Associate Degree.

THE FOLLOWING COURSEWORK IS REQUIRED TO BE COMPLETED AT THE UNIVERSITY OF DAYTON.

(The sequence will change to accommodate courses not taken at Sinclair.)

FALL SEMESTER THIRD YEAR

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
BIO	312	General Genetics	3
CHM	313	Organic Chemistry	3
CHM	313L	Organic Chemistry Lab	1
HSS	114	Intro to Health Professions	2
HSS	117 or 121	Personal & Community Health Fitness for Life	2-3
HSS	201	Medical Terminology	2
HSS	295	Nutrition and Health	3
TOTAL			16-17

SPRING SEMESTER THIRD YEAR

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
BIO	411	General Microbiology	3
CHM	314	Organic Chemistry	3
CHM	314L	Organic Chemistry Lab	1

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SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
HSS	305	Human Anatomy	3
HSS	305L	Human Anatomy Lab	1
PSY	363,	Abnormal Psychology	3
PSY	366,	Health Psychology	
PSY	368,	Community Psychology	
PSY	422, or	Biopsychology	
PSY	435	Human Factors	
		CAP Crossing Boundaries: Practical Ethical Action and Advanced Philosophical Studies	3
TOTAL			17

FALL SEMESTER FOURTH YEAR

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
CHM	420	Biochemistry	3
HSS	307	Human Physiology	3
HSS	307L	Human Physiology Lab	1
		CAP Diversity & Social Justice	3
		Advisor Approved Electives	7
TOTAL			17

SPRING SEMESTER FOURTH YEAR

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
HSS	408	Physiology of Exercise	3
HSS	408L	Physiology of Exercise Lab	1
HSS	428	Capstone: Research in Health Sciences	3
		CAP Advanced Philosophical or Religious Studies	3
		Advisor Approved Electives	3
TOTAL			13

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