

ACADEMIC PATHWAYS



Sinclair College - Associate of Science Degree

To

University of Dayton – Bachelor of Science in Education

Major - Exercise Physiology

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE #	UD CREDIT HOUR
BIO	1171	5	Principles of Biology I	BIO 151+151L	4
BIO	1272	5	Principles of Biology II	BIO 152+152L	4
CHE	1211	5	General Chemistry I	CHM 1GF+ 1GFL	4
CHE	1221	5	General Chemistry II	CHM 1GS+ 1GSL	4
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
HIS	2217	3	Survey of Eastern Asia	HST 260	3
MAT	1450	4	Introductory Statistics	MTH 207	3
PHI	2205 or 2206	3	Introduction to Philosophy Introduction to Ethics	PHL 103	3
PSY	1100	3	General Psychology	PSY 101	3
PSY	2200	3	Lifespan Human Development	PSY 251	3
REL	1111 or 1112	3	Eastern Religions Western Religions	REL 103	3
SCC	1101	1	First Year Experience	Elective Credit (See Sinclair Advisors)	1
		3	Ohio Transfer Module Social and Behavioral Science Course (Select one that is not Psychology)	Elective Credit (See Sinclair Advisor)	3
TOTAL		55			50

Students may select from the following courses at Sinclair to fulfill the remaining semester hours for the Associate Degree.

MAT	2270	5	Calculus & Analytic Geometry I	MTH 168	4
PHY	1141	4	College Physics I	PHY 201+201L	4
PHY	1142	4	College Physics II	PHY 202+202L	4
		3	Approved Arts Course	CAP Arts Elective (See UD Advisor)	3
TOTAL		16			15

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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
HSS	305	Human Anatomy	3

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SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
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.