

# ACADEMIC PATHWAYS



**Sinclair College - Associate of Science Degree  
To  
University of Dayton – Bachelor of Science in Education  
Major - Pre-Physical Therapy**

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	UD COURSE #
BIO	1171	Principles of Biology I	5	BIO 151/L
BIO	1272	Principles of Biology II	5	BIO 152/L
CHE	1211*	General Chemistry I	5	CHM 1GF/L
CHE	1221*	General Chemistry II	5	CHM 1GS/L
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	HSS 101
SOC	1101***	Introduction to Sociology	3	SOC 101
<b>TOTAL</b>			<b>55</b>	
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
<b>TOTAL</b>			<b>16</b>	

- Students must meet with the advisor before acceptance into this program.
- 123 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.
- Students are strongly recommended to begin their University of Dayton programs fall term.
- The program includes advisor approved electives.

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- \*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.
- \*\*\*SOC 1101 will meet the social science integrated course requirement at the University of Dayton with the completion of the Associate Degree.
- \*\*\*\*Consult with University of Dayton academic advisor about a possible list of courses that could meet UD's CAP (Common Academic Program) Arts requirement.

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
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
HSS	305	Human Anatomy	3
HSS	305L	Human Anatomy Lab	1
		CAP Advanced Philosophical or Religious Studies	3
<b>TOTAL</b>			<b>16-17</b>

## SPRING SEMESTER THIRD YEAR

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
HSS	220	Adapted Physical Activity	3
HSS	307	Human Physiology	3
HSS	307L	Human Physiology Lab	1
HSS	465	Pre-Physical Therapy Seminar	3
PSY	363, 366, 368, 422, or 435	Abnormal Psychology Health Psychology Community Psychology Biopsychology Human Factors	3
		CAP Crossing Boundaries: Practical Ethical Action and Advanced Philosophical Studies	3
<b>TOTAL</b>			<b>16</b>

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## FALL 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	409	Kinesiology	3
HSS	409L	Kinesiology Lab	1
		CAP Diversity & Social Justice	3
		Advisor Approved Electives	6
<b>TOTAL</b>			<b>17</b>

## SPRING SEMESTER FOURTH YEAR

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
HSS	428	Capstone: Research in Health Sciences	3
		Advisor Approved Electives	9
<b>TOTAL</b>			<b>12</b>

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