

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	2211**	Effective Public Speaking	3	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	Introduction to Philosophy	3	PHL 103
PSY	1100	General Psychology	3	PSY 101
PSY	2200	Lifespan Human Develop	3	PSY 251
REL REL	1111 or 1112	Eastern Religions or Western Religions	3	REL 103
SCC	1101	First Year Experience	1	HSS 101
SOC	1101	Introduction to Sociology	3	SOC 101
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/L
PHY	1142	College Physics II	4	PHY 202/L
		Approved Arts Course	3	CAP Arts Elective
TOTAL			16	

- **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.**
- ***Completion of both CHE 1211 and CHE 1221 are required for transfer credit to fulfill Chemistry requirements.**

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- ****COM 2211 will meet the communication requirement at the University of Dayton with the completion of the Associate Degree.**
- **HIS 2217 is recommended to be taken at Sinclair.**

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

Fall Term Junior Year

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOUR
HSS	114	Intro to Health Professions	2
HSS	121	Fitness for Life	2
HSS	305	Human Anatomy	3
HSS	305L	Human Anatomy Lab	1
HSS	201	Medical Terminology	2
HSS	295	Nutrition and Health	3
		CAP Advanced Philosophical or Religious Studies	3
TOTAL			16

Spring Term Junior Year

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

Fall Term Senior 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

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		CAP Diversity & Social Justice	3
		Advisor Approved Electives	6
TOTAL			17

Spring Term Senior Year

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