

# ACADEMIC PATHWAYS



Sinclair College - Associate of Science Degree

To

University of Dayton – Bachelor of Science in Health Science

Major – Health Science with Integrative Physiology, Exercise and Movement Science, or Occupational and Behavioral Studies Concentration

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>.

This Associate of Science from Sinclair College is designed for students considering a major in Health Science with Concentration in either Integrative Physiology, Exercise and Movement Science, or Occupational and Behavioral Studies at UD.

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
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	1101 or 1102	3	United States History I United States History II	HST 251 or HST 252	3
HIS	1112	3	Western Civilization II	HST 103	3
MAT	1580 or 2270	5	Precalculus Calculus & Analytic Geometry I	MTH 116+1XX or MTH 168+1XX	4+1
PHI	2205 or 2206	3	Introduction to Philosophy Introduction to Ethics	PHL 103 or PHL 1XC	3
SOC	1101	3	Introduction to Sociology	SOC 101	3
PSY	1100	3	General Psychology	PSY 101	3
PSY	2217	3	Abnormal Psychology	PSY 363	3
REL	1111 or 1112	3	Eastern Religions Western Religions	REL 1XC or REL 103	3

# ACADEMIC PATHWAYS



SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE #	UD CREDIT HOUR
SCC	1101	1	First Year Experience	Elective Credit (See Sinclair Advisors)	1
		9-11	Concentration Courses (See Below)		9-11
<b>TOTAL</b>		<b>65-67</b>			<b>65-67</b>

- Completion of both CHE 1211 and CHE 1221 are required for transfer credit to fulfill Chemistry requirements.
- Students must earn a minimum grade of C in BIO 1171, BIO 1272, CHE 1211, and CHE 1221 in order to fulfill the pre-requisite requirement for professional schools.
- 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.
- Students in Integrative Physiology and Exercise and Movement Science Concentrations will complete MAT 2270 while at Sinclair, if possible, instead of MAT 1580.
- SOC 1101 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.
- It is recommended that students take at least 15 hours per semester at Sinclair.
- Students must meet with the UD advisor before acceptance into this program.
- Students are strongly recommended to begin their University of Dayton programs fall term.
- 120 hours minimum are required for BSHS. Required GPA at the time of the Associate Degree is 3.0.

Students must select additional courses to complete Sinclair's Associate of Science degree based on their intended Concentration at UD:

## INTEGRATIVE PHYSIOLOGY CONCENTRATION

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE #	UD CREDIT HOUR
PHY	1141	4	College Physics I	PHY 201+201L	4
PHY	1142	4	College Physics II	PHY 202+202L	4
PSY	2200	3	Lifespan Human Development	PSY 251	3
<b>TOTAL</b>		<b>11</b>			<b>11</b>

# ACADEMIC PATHWAYS



## EXERCISE AND MOVEMENT SCIENCE CONCENTRATION

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE #	UD CREDIT HOUR
PHY	1141	4	College Physics I	PHY 201+201L	4
PHY	1142	4	College Physics II	PHY 202+202L	4
PSY	2200	3	Lifespan Human Development	PSY 251	3
<b>TOTAL</b>		<b>11</b>			<b>11</b>

## OCCUPATIONAL AND BEHAVIORAL STUDIES CONCENTRATION

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-Contemporary	CAP Arts Elective (See UD Advisor)	3
MUS MUS THE	1121, 1123, or 1101		Music Appreciation World Music Theatre Appreciation		
PSY	2205	3	Child Psychology		
PSY	2206	3	Adolescent & Adult Development	PSY 353	3
<b>TOTAL</b>		<b>9</b>			<b>9</b>

### Sample Plan of Study with Courses to Be Completed at Sinclair

#### YEAR 1

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE #	UD CREDIT HOUR
BIO CHE	1171 or 1211	5	Principles of Biology I General Chemistry I	BIO 151+151L +1XX or CHM 1GF+1GFL +1XX	3+1+1
BIO CHE	1272 or 1221	5	Principles of Biology II General Chemistry II	BIO 152+152L +1XX or	3+1+1

# ACADEMIC PATHWAYS

UNIVERSITY of  
DAYTON

SINCLAIR  
COLLEGE

				CHM 1GF+1GFL +1XX	
ENG	1101	3	English Composition I	ENG 100	3
ENG	1201	3	English Composition II	ENG 200	3
HIS	1101 or 1102	3	United States History I United States History II	HST 251 or HST 252	3
HIS	1112	3	Western Civilization II	HST 103	3
MAT	1580 or 2270	5	Precalculus Calculus & Analytic Geometry I	MTH 116+1XX or MTH 168+1XX	4+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
SCC	1101	1	First Year Experience	Elective Credit (See Sinclair Advisors)	1
<b>TOTAL</b>		<b>34</b>			<b>34</b>

## YEAR 2

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE #	UD CREDIT HOUR
BIO CHE	1171 or 1211	5	Principles of Biology I General Chemistry I	BIO 151+151L +1XX or CHM 1GF+1GFL +1XX	3+1+1
BIO CHE	1272 or 1221	5	Principles of Biology II General Chemistry II	BIO 152+152L +1XX or CHM 1GF+1GFL +1XX	3+1+1
COM	2206 or 2211	3	Interpersonal Communication Effective Public Speaking	CMM 320 or CMM 351	3
SOC	1101	3	Introduction to Sociology	SOC 101	3
PSY	2217	3	Abnormal Psychology	PSY 363	3
REL	1111 or 1112	3	Eastern Religions Western Religions	REL 1XC or REL 103	3
		9-11	Concentration Courses		9-11
<b>TOTAL</b>		<b>31-33</b>			<b>31-33</b>

**Students must 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
MAT	1450	4	Introductory Statistics	MTH 207+1XX	3+1
<b>TOTAL</b>		<b>4</b>			<b>4</b>

Remaining Courses to Be Completed at UD for BS in Health Science, Integrative Physiology Concentration Sample Curriculum <sup>1</sup>			
Fall Semester Third Year		Spring Semester Third Year	
Course	Credit Hours	Course	Credit Hours
CHM 313	3	CHM 314	3
CHM 313L	1	CHM 314L	1
HSS 114	2	ENG 366 or 373	3
HSS 201	2	HSS 307	3
HSS 295	3	HSS 307L	1
HSS 305	3	PHL 315 or REL 367	3
HSS 305L	1	CAP Arts	3
MTH 148 (If MAT 2270 was not completed at Sinclair)	3		
<b>TOTAL</b>	<b>18</b>	<b>TOTAL</b>	<b>17</b>
Fall Semester Fourth Year		Spring Semester Fourth Year	
Course	Credit Hours	Course	Credit Hours
BIO 312	3	BIO 411	3
CHM 420	3	HSS 408	3
HSS 345	3	HSS 408L	1
CAP Crossing Boundaries: Faith Traditions	3	HSS 428 (Capstone)	3
CAP Advanced Philosophical or Religious Studies	3	HSS 465	1
		HSS 488 or 497	3
		Additional Biology or Chemistry Lab	1
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>

- <sup>1</sup>The above is a sample curriculum guide. Review your DegreeWorks audit with your UD academic advisor to fully understand the remaining degree requirements and specific course options.

# ACADEMIC PATHWAYS



<b>Remaining Courses to Be Completed at UD for BS in Health Science, Exercise and Movement Science Concentration Sample Curriculum<sup>1</sup></b>			
<b>Fall Semester Third Year</b>		<b>Spring Semester Third Year</b>	
<b>Course</b>	<b>Credit Hours</b>	<b>Course</b>	<b>Credit Hours</b>
HSS 114	2	ENG 366 or 373	3
HSS 200 or 220	3	HSS 307	3
HSS 201	2	HSS 307L	1
HSS 295	3	HSS 465	1
HSS 305	3	PHL 315 or REL 367	3
HSS 305L	1	HSS Elective	3
MTH 148 (If MAT 2270 was not completed at Sinclair)	3		
<b>TOTAL</b>	<b>17</b>	<b>TOTAL</b>	<b>14</b>
<b>Fall Semester Fourth Year</b>		<b>Spring Semester Fourth Year</b>	
<b>Course</b>	<b>Credit Hours</b>	<b>Course</b>	<b>Credit Hours</b>
HSS 409	3	HSS 408	3
HSS 409L	1	HSS 408L	1
HSS 428 (Capstone)	3	HSS 422	3
HSS Elective	3	Additional Elective	3
Additional Elective	3	CAP Arts	3
CAP Crossing Boundaries: Faith Traditions	3	CAP Advanced Philosophical or Religious Studies	3
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>16</b>

- <sup>1</sup>The above is a sample curriculum guide. Review your DegreeWorks audit with your UD academic advisor to fully understand the remaining degree requirements and specific course options.

<b>Remaining Courses to Be Completed at UD for BS in Health Science, Occupational and Behavioral Studies Concentration Sample Curriculum<sup>1</sup></b>			
<b>Fall Semester Third Year</b>		<b>Spring Semester Third Year</b>	
<b>Course</b>	<b>Credit Hours</b>	<b>Course</b>	<b>Credit Hours</b>
HSS 114	2	ENG 366 or 373	3
HSS 201	2	HSS 200 or 220	3
HSS 295	3	HSS 307	3

# ACADEMIC PATHWAYS



<b>Remaining Courses to Be Completed at UD for BS in Health Science, Occupational and Behavioral Studies Concentration Sample Curriculum<sup>1</sup></b>			
HSS 305	3	HSS 307L	1
HSS 305L	1	PHL 315 or REL 367	3
Elective	3	Elective	3
Elective	3		
<b>TOTAL</b>	<b>17</b>	<b>TOTAL</b>	<b>16</b>
<b>Fall Semester Fourth Year</b>		<b>Spring Semester Fourth Year</b>	
<b>Course</b>	<b>Credit Hours</b>	<b>Course</b>	<b>Credit Hours</b>
HSS 409	3	HSS 408	3
HSS 409L	1	HSS 408L	1
HSS 422	3	HSS 428 (Capstone)	3
PSY 366	3	HSS 465	1
Elective	3	PSY 321, 322, 323, or 422	3
		CAP Crossing Boundaries: Faith Tradition and Advanced Philosophical/Religious Studies	3
<b>TOTAL</b>	<b>13</b>	<b>TOTAL</b>	<b>14</b>

- <sup>1</sup>The above is a sample curriculum guide. Review your DegreeWorks audit with your UD academic advisor to fully understand the remaining degree requirements and specific course options.