

ACADEMIC PATHWAYS



**Sinclair College –Associate of Science Degree
To
University of Dayton – Bachelor of Science
Major – Pre-Medicine or Pre-Dentistry**

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>.

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
MAT	2270	5	Calculus & Analytic Geometry I	MTH 168	4
MAT	2280	5	Calculus & Analytic Geometry II	MTH 169	4
PHI	2205 or 2206	3	Introduction to Philosophy Introduction to Ethics	PHL 103 or PHL 1XC	3
PHY	1141	4	College Physics I	PHY 201+201L	4
PHY	1142	4	College Physics II	PHY 202+202L	4
PSY	1100***	3	General Psychology	PSY 101	3
REL	1111 or 1112	3	Eastern Religions Western Religions	REL 1XC or REL 103	3
SCC	1101	1	First Year Experience	ASI 150	1
		3	Ohio Transfer Module Social and Behavioral Science Course	Social Science Elective (See Sinclair and UD Advisors)	3
TOTAL		63			57

- *Completion of both CHE 1211 and CHE 1221 are required for transfer credit. Consult with Sinclair College Advisor for course sequencing.

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- ****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. Consult with your UD advisor if you are eligible for this exception.**
- *****PSY 1100 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.**
- **120 hours minimum are required for a BS degree at UD. Required GPA at the time of the Associate Degree is 3.0.**
- **UD-Sinclair Academy students must maintain a 3.0 GPA for the science courses at the time of the Associate Degree.**

FALL SEMESTER YEAR 1

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE #	UD CREDIT HOUR
CHE	1211*	5	General Chemistry I	CHM 1GF+ 1GFL	4
ENG	1101	3	English Composition I	ENG 100	3
HIS	1112	3	Western Civilization II	HST 103	3
MAT	2270	5	Calculus & Analytic Geometry I	MTH 168	4
SCC	1101	1	First Year Experience	ASI 150	1
TOTAL		17			15

- ***Completion of both CHE 1211 and CHE 1221 are required for transfer credit. Consult with Sinclair College Advisor for course sequencing.**
- **UD-Sinclair Academy students must maintain a 3.0 GPA for the science courses at the time of the Associate Degree.**

SPRING SEMESTER YEAR 1

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE #	UD CREDIT HOUR
CHE	1221*	5	General Chemistry II	CHM 1GS+ 1GSL	4
ENG	1201	3	English Composition II	ENG 200	3
MAT	2280	5	Calculus & Analytic Geometry II	MTH 169	4
PSY	1100**	3	General Psychology	PSY 101	3
TOTAL		16			14

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- ***Completion of both CHE 1211 and CHE 1221 are required for transfer credit. Consult with Sinclair College Advisor for course sequencing.**
- ****PSY 1100 will meet the social science integrated course requirement at the University of Dayton with the completion of the Associate Degree.**
- **UD-Sinclair Academy students must maintain a 3.0 GPA for the science courses at the time of the Associate Degree.**

FALL SEMESTER YEAR 2

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
COM	2206 or 2211***	3	Interpersonal Communication Effective Public Speaking	CMM 320 or CMM 351	3
PHY	1141	4	College Physics I	PHY 201+201L	4
		3	Ohio Transfer Module Social and Behavioral Science Course	Social Science Elective (See Sinclair and UD Advisors)	3
TOTAL		15			14

- *****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. Consult with your UD advisor if you are eligible for this exception.**
- **UD-Sinclair Academy students must maintain a 3.0 GPA for the science courses at the time of the Associate Degree.**

SPRING SEMESTER YEAR 2

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE #	UD CREDIT HOUR
BIO	1272	5	Principles of Biology II	BIO 152+ 152L	4
PHI	2205 or 2206	3	Introduction to Philosophy Introduction to Ethics	PHL 103 or PHL 1XC	3
PHY	1142	4	College Physics II	PHY 202+202L	4
REL	1111 or 1112	3	Eastern Religions Western Religions	REL 1XC or REL 103	3
TOTAL		15			14

- **PHL 1XC at UD will substitute for PHL 103 requirement for UD. This exception applies to only UD-Sinclair Academy students. Consult with your UD advisor if you are eligible for this exception.**

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- **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.**
- **UD-Sinclair Academy students must maintain a 3.0 GPA for the science courses at the time of the Associate Degree.**

The following additional coursework may be completed at Sinclair:

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	UD COURSE #	UD CREDIT HOUR
MAT PSY	1450 or (2235+ 2236)	4 (3+3)	Introductory Statistics (Behavioral Science Research Methods) (Behavioral Science Statistics)	MTH 207 or (PSY 216+ PSY 217)	3 (3+3)
TOTAL		4 (or 6)			3 (or 6)

- **Students will select either MAT 1450 or a combination of PSY 2235 AND 2236. If PSY 2235 and 2236 are selected, both courses will need to be completed to receive PSY 216 and 217 equivalents from UD.**

PRE-DENTISTRY

Remaining Courses to Be Completed at UD for BS in Pre-Dentistry Sample Curriculum ¹			
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
MED 339 or UDI 276	1	Science Elective	3
MTH 207, MTH 367, or PSY 216	3	CAP Crossing Boundaries: Integrative	3
Science Elective	3	CAP Arts	3
CAP Crossing Boundaries: Inquiry and Social Science Elective	3	CAP Crossing Boundaries: Practical Ethical Action and Advanced Philosophical or Religious Studies	3
English Elective 300/400 Level	3		
TOTAL	17	TOTAL	16

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Remaining Courses to Be Completed at UD for BS in Pre-Dentistry Sample Curriculum ¹			
Fall Semester Fourth Year		Spring Semester Fourth Year	
Course	Credit Hours	Course	Credit Hours
CHM 420	3	MED 480 (Capstone)	0-1
CHM 420L	1	Science Elective with Lab	4
Science Elective with Lab	4	Science Elective	3
Social Science Elective	3	CAP Advanced Historical Studies	3
CAP Crossing Boundaries: Faith Traditions	3	CAP Advanced Philosophical or Religious Studies	3
CAP Diversity and Social Justice	3	General Elective	1
General Elective	1		
TOTAL	18	TOTAL	14-15

- **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.**

PRE-MEDICINE

Remaining Courses to Be Completed at UD for BS in Pre-Medicine Sample Curriculum ¹			
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
MED 210, 220, or 339	0-1	Science Elective	3
MTH 207, MTH 367, or PSY 216	3	CAP Crossing Boundaries: Integrative	3
Science Elective	3	CAP Arts	3
CAP Crossing Boundaries: Inquiry and Social Science Elective	3	CAP Crossing Boundaries: Practical Ethical Action and Advanced Philosophical or Religious Studies	3
English Elective 300/400 Level	3	TOTAL	16

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Remaining Courses to Be Completed at UD for BS in Pre-Medicine Sample Curriculum ¹			
TOTAL		16-17	
Fall Semester Fourth Year		Spring Semester Fourth Year	
Course	Credit Hours	Course	Credit Hours
CHM 420	3	MED 480 (Capstone)	0-1
CHM 420L	1	Science Elective with Lab	4
Science Elective with Lab	4	Science Elective	3
Social Science Elective	3	CAP Advanced Historical Studies	3
CAP Crossing Boundaries: Faith Traditions	3	CAP Advanced Philosophical or Religious Studies	3
CAP Diversity and Social Justice	3	General Elective	1
General Elective	1		
TOTAL	18	TOTAL	14-15

- **¹The 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.**