

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Earn your associate degree from Sinclair College and then transfer seamlessly to Wright State University to earn your bachelor's degree.

Sinclair College

Wright State University

to

Associate of Science

**Biochemistry and Molecular Biology
Bachelor of Science**



Students interested in Wright Path program benefits will apply to the program through the Wright State website at wright.edu/wrightpath/sinclair.

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
AFR HIS REL SOC	1100, 2219, 1111, or 1145	3	African-American Studies Survey of the Middle East Eastern Religions Introduction to Cultural Anthropology <small>Multicultural Elective</small>	AFS 2000, RST 2910, REL 2320, or ATH 2150 <small>Element 3: Global Traditions</small>	3
BIO	1171	5	Principles of Biology I <small>Elective</small>	BIO 1120 + Elective <small>Element 6: Natural Science + General Elective Credit</small>	4+1
BIO	1272	5	Principles of Biology II <small>Elective</small>	BIO 1150 + Elective <small>Element 6: Natural Science + General Elective Credit</small>	4+1
CHE	1211	5	General Chemistry I <small>Natural & Physical Science Ohio Transfer 36 Elective</small>	CHM 1210 + 1210L <small>Additional Core Course</small>	3+2
CHE	1221	5	General Chemistry II <small>Natural & Physical Science Ohio Transfer 36 Elective</small>	CHM 1220 + 1220L <small>Additional Core Course</small>	3+2
CHE	2111	5	Organic Chemistry I <small>Natural & Physical Science Ohio Transfer 36 Elective</small>	CHM 2110 + 2110L <small>Related Course</small>	3+2
CHE	2121	5	Organic Chemistry II <small>Elective</small>	CHM 2120 + 2120L <small>Related Course</small>	3+2
COM	2206, 2211, or 2225	3	Interpersonal Communication Effective Public Speaking Small Group Communication	COM 2020, COM 1010, or COM 2410 <small>(Substitutes for BMB 1010 Requirement)</small>	3
ENG	1101	3	English Composition I	ENG 1100 <small>Element 1: Communication</small>	3
HIS	1111 or 1112	3	Western Civilization I Western Civilization II <small>Arts & Humanities Ohio Transfer 36 Elective</small>	HST 1100 or HST 1200 <small>Element 3: Global Traditions</small>	3
MAT	1450	4	Introductory Statistics <small>Elective</small>	STT 2640 <small>Related Course</small>	4
MAT	2240 or 2270	4-5	Calculus for the Life Sciences Calculus and Analytic Geometry I	MTH 2240 or	4 or 4+1

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				MTH 2300 + Elective <small>Element 2: Mathematics + General Elective Credit</small>	
SCC	1101	1	First Year Experience	UVC 1XXX (Substitutes for BMB 1000 Requirement)	1
		3	One Ohio Transfer 36 Arts & Humanities Course That Is Not History	Element 4: Arts/Humanities	3
		6	Two Ohio Transfer 36 Social & Behavioral Sciences Courses from Two Different Subjects	Element 5: Social Science	6
TOTAL		60-61			60-61

- Choose one Ohio Transfer 36 Arts & Humanities course from (Consult with your Sinclair and Wright State advisors for additional course options):

SINCLAIR COURSE	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ART 1110	3	Art Appreciation: Introduction to Art & Art Media	ART 2140	3
ART 2230	3	Art History: Ancient through Medieval Periods	ART 2110	3
ART 2231	3	Art History: Renaissance through Contemporary Periods	ART 2120	3
ART 2235	3	History of Photography	ART 2XXX	3
ART 2236	3	History of Women Artists	ART 2XXX	3
ART 2237	3	History of American Art	ART 2XXX	3
ART 2238	3	History of African Art	RST 2XXX	3
ART 2239	3	History of Asian Art	ART 2XXX	3
DAN 1155	3	Dance History	DAN 2510 + 2520	3
DAN 1157	3	Dance Appreciation	DAN 1XXX	3
HUM 1125	3	Introduction to the Humanities	HUM 1XXX	3
HUM 1130	3	Humanity & the Challenge of Technology	CS 1XXX	3

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HUM 1131	3	The Search for Utopia	PHL 1XXX	3
HUM 1135	3	Environmental Ethics	EES 2600 <small>Element 3: Global Traditions</small>	3
HUM 1140	3	Appalachian Folkways	HST 1XXX	3
HUM 1141	3	Appalachian History & Culture	UNK 1XXX	3
LIT 2201	3	British Literature I	ENG 3210 or ENG 3220	3
LIT 2202	3	British Literature II	ENG 3230	3
LIT 2211	3	American Literature I	ENG 3310	3
LIT 2212	3	American Literature II	ENG 3320	3
LIT 2217	3	Images of Women in Literature	ENG 2XXX	3
LIT 2220	3	Introduction to Literature	ENG 2XXX	3
LIT 2230	3	Great Books of the Western World	ENG 2040	3
LIT 2234	3	Literature of Africa, Asia & Latin America	ENG 2310 <small>Element 3: Global Traditions</small>	3
LIT 2236	3	African-American Literature	ENG 2050	3
LIT 2400	3	Children's & Adolescent Literature	ENG 2XXX	3
MUS 1121	3	Music Appreciation	MUS 2140	3
MUS 1123	3	World Music	MUS 2420 <small>Element 3: Global Traditions</small>	3
MUS 2117	3	Surveys of Musical Styles I	MUS 1210	3
MUS 2118	3	Survey of Musical Styles II	MUS 2XXX	3
PHI 2204	3	Great Books: Philosophy	PHL 2040	3
PHI 2205	3	Introduction to Philosophy	PHL 2050	3
PHI 2206	3	Introduction to Ethics	PHL 3110	3
REL 1111	3	Eastern Religions	REL 2320 <small>Element 3: Global Traditions</small>	3
REL 1112	3	Western Religions	REL 2070	3
REL 1135	3	American Religious Movements	REL 1XXX	3
REL 2204	3	Great Books: The Bible & Western Culture	REL 2040	3
REL 2255	3	People & Religion	REL 2XXX	3
THE 1101	3	Theatre Appreciation	TH 2140	3

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SINCLAIR COURSE	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
THE 2201	3	History of Theatre I	TH 2XXX	3
THE 2202	3	History of Theatre II	TH 2XXX	3

- Choose two Ohio Transfer 36 Social and Behavioral Sciences courses from (Consult with your Sinclair and Wright State advisors for additional course options):

SINCLAIR COURSE	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
AFR 1100	3	African-American Studies	AFS 2000 <small>Element 3: Global Traditions</small>	3
ECO 1100	3	Introduction to Economics	EC 2000	3
ECO 2160	3	Principles of Macroeconomics	EC 2050	3
ECO 2180	3	Principles of Microeconomics	EC 2040	3
GEO 1101	3	Global Forces, Local Diversity	GEO 2200	3
GEO 1102	4	Earth's Physical Environment	GEO 2100 + Elective	3+1
GEO 1201	3	World Regional Geography: People, Places & Globalization	GEO 3300	3
HIS 2219	3	Survey of the Middle East	RST 2910 <small>Element 3: Global Traditions</small>	3
PLS 1120	3	American Federal Government	PLS 2120	3
PLS 1232	3	State & Local Government	PLS 3220	3
PLS 2200	3	Political Life, Systems & Issues	PLS 2000	3
PLS 2220	3	International Relations	PLS 2220	3
PSY 1100	3	General Psychology	PSY 1010	3
PSY 1160	3	Black Psychology	PSY 1XXX	3
SOC 1101	3	Introduction to Sociology	SOC 2000	3
SOC 1117	3	Popular Culture	SOC 1XXX	3
SOC 1145	3	Introduction to Cultural Anthropology	ATH 2150 <small>Element 3: Global Traditions</small>	3

- All students with declared biochemistry and molecular biology major are automatically admitted as Pre-Biochemistry and Molecular Biology students.
- In order to be admitted fully as a biochemistry and molecular biology major at Wright State, students will need to achieve a cumulative GPA of a 3.0 in BIO 1171, BIO 1272, CHE 1211, and CHE 1221 at Sinclair.
- Upon completion of the outlined associate degree in this transfer guide, students will receive a waiver for BMB 1000, BMB 1010, and BMB 2100 requirements.

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- 120 hours minimum are required for a BS degree at Wright State.

FIRST YEAR							
Sinclair College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
CHE	1211	General Chemistry I <small>Natural & Physical Science Ohio Transfer 36 Elective</small>	5	CHM	1210	General Chemistry I <small>Additional Core Course</small>	3
CHE	1251	General Chemistry I Lab <small>Natural & Physical Science Ohio Transfer 36 Elective</small>	0	CHM	1210L	General Chemistry I Lab <small>Additional Core Course</small>	2
ENG	1101	English Composition I	3	ENG	1100	Academic Writing and Reading <small>Element 1: Communication</small>	3
MAT	2240 or 2270	Calculus for the Life Sciences Calculus and Analytic Geometry I	4-5	MTH	2240 or 2300	Applied Calculus Calculus I + Elective <small>Element 2: Mathematics + General Elective Credit</small>	4 or 4+1
SCC	1101	First Year Experience	1	UVC	1XXX	Non-Equivalent Transfer Course <small>(Substitutes for BMB 1000 Requirement)</small>	1
SPRING SEMESTER							
CHE	1221	General Chemistry II <small>Natural & Physical Science Ohio Transfer 36 Elective</small>	5	CHM	1220	General Chemistry II <small>Additional Core Course</small>	3
CHE	1261	General Chemistry II Lab <small>Natural & Physical Science Ohio Transfer 36 Elective</small>	0	CHM	1220L	General Chemistry II Lab <small>Additional Core Course</small>	2
MAT	1450	Introductory Statistics <small>Elective</small>	4	STT	2640	Elementary Statistics <small>Related Course</small>	4
		Ohio Transfer 36 Arts & Humanities Course That Is Not History	3			Element 4: Arts/Humanities	3
		Ohio Transfer 36 Social & Behavioral Sciences Course	3			Element 5: Social Science	3
Total Hours:			28-29	Total Hours:			28-29

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SECOND YEAR							
Sinclair College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
BIO	1171	Principles of Biology I <small>Elective</small>	5	BIO	1120	Cells and Genes + General Elective Credit <small>Element 6: Natural Science</small>	4+1
CHE	2111	Organic Chemistry I <small>Natural & Physical Science Ohio Transfer 36 Elective</small>	5	CHM	2110 + 2110L	Organic Chemistry I + Lab <small>Related Course</small>	3+2
HIS	1111 or 1112	Western Civilization I Western Civilization II <small>Arts & Humanities Ohio Transfer 36 Elective</small>	3	HST	1100 or 1200	Western Civilizations to 1500 The West and the World Since 1500 <small>Element 3: Global Traditions</small>	3
		Ohio Transfer 36 Social & Behavioral Sciences Course	3			Element 5: Social Science	3
SPRING SEMESTER							
AFR HIS REL SOC	1100, 2219, 1111, or 1145	African-American Studies Survey of the Middle East Eastern Religions Introduction to Cultural Anthropology <small>Multicultural Elective</small>	3	AFS RST REL ATH	2000, 2910, 2320, or 2150	What is the African and African American Experience? Regional Studies: Middle East Nonwestern Religions Comparative Nonwestern Cultures <small>Element 3: Global Traditions</small>	3
BIO	1272	Principles of Biology II <small>Elective</small>	5	BIO	1150	Organisms and Ecosystems <small>Element 6: Natural Science + General Elective Credit</small>	4+1
CHE	2121	Organic Chemistry II <small>Elective</small>	5	CHM	2120 + 2120L	Organic Chemistry II + Lab <small>Related Course</small>	3+2
COM	2206, 2211, or 2225	Interpersonal Communication Elective Public Speaking Small Group Communication	3	COM	2020, 1010, or 2410	Interpersonal Communication Essentials of Public Address Small-Group Communication <small>(Substitutes for BMB 1010 Requirement)</small>	3
Total Hours:			32	Total Hours:			32

Total Credit Hours for Associate Degree: 60-61

Students must complete the following coursework at Sinclair prior to transferring to Wright State in order to graduate from Wright State in a timely manner:

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ENG	1201	3	English Composition II	ENG 2100 (Substitutes for ENG 2130 Requirement) <small>Element 1: Communication</small>	3
TOTAL		3			3

THIRD YEAR

Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BIO	2110	Principles of Molecular and Classical Genetics	3
BMB	2000	Career Planning in Biochemistry and Molecular Biology	1
BMB	3850	Biochemistry Lab	3
BMB	4210	Biochemistry and Molecular Biology I	3
PHY	1110 or 2400	Principles of Physics I General Physics I	4
PHY	1110L or 2400L	Principles of Physics I Lab General Physics I Lab	1
SPRING SEMESTER			
BMB	3030	Research Ethics	1
BMB	4230	Biochemistry and Molecular Biology II	3
PHY	1120 or 2410	Principles of Physics II General Physics II	4
PHY	1120L or 2410L	Principles of Physics II Lab General Physics II Lab	1
		MTH/STT Elective	4
		CoSM Elective	3
Total Hours:			31

- Students who are planning to attend graduate school should complete PHY 2400/2400L and 2410/2410L.
- Students who completed MAT 1580 Precalculus at Sinclair could count the credit toward MTH/STT Elective. Consult with your Wright State academic advisor about a course selection.

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FOURTH YEAR

Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BIO	3140	Molecular Biology Lab	3.5
BMB	4000 or 4870	Biochemistry and Molecular Biology Seminar Biochemistry and Molecular Biology Seminar with Developing Researchers	1
BMB	4020	Research Perspectives	1
BMB	4100	Senior Reflection	1
		BMB Elective	3
		CoSM Elective	3
SPRING SEMESTER			
BMB	3900	Scientific Communications	2
BMB	4000 or 4870	Biochemistry and Molecular Biology Seminar Biochemistry and Molecular Biology Seminar with Developing Researchers	1
		BMB Elective	3
		BMB Elective	3
		CoSM Elective (Consult with Wright State Academic Advisor) (In Lieu of SM 1010)	3
		General Elective Credit	0.5-1.5
Total Hours:			25-26

Total Credit Hours for Bachelor's Degree: 120

1. ADMISSIONS AND DEADLINES

Join the Wright Path Program

Students interested in applying to the Wright Path must submit a request for membership at wright.edu/wrightpath/sinclair.

High school students must have completed their junior year before applying to the Wright Path, and current Sinclair College students must have a minimum 2.0 GPA.

Transfer to Wright State University

Students must earn a minimum 2.0 GPA from Sinclair College in order to transfer to Wright State.

Wright State processes applications as they are received. To help you make a smooth and timely transition, we recommend you submit your application by the following dates:

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Fall Semester: **April 1**
Spring Semester: **October 15**
Summer Semester: **February 1**

Students must apply for undergraduate admission one semester prior to completing their studies at Sinclair College.

In order to be admitted fully as a biochemistry and molecular biology major at Wright State, students will need to achieve a cumulative GPA of a 3.0 in BIO 1711, BIO 1272, CHE 1211, and CHE 1221 at Sinclair.

2. TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:

Transfer Center
Student Union 138
3640 Colonel Glenn Hwy.
Dayton, OH 45435
937-775-5700
transfer@wright.edu

3. CONTACT INFORMATION

Sinclair College
Academic Advising Center
Building 10-301
444 W. Third St.
937-512-3700

Wright State University
Transfer Center
138 Student Union
3640 Colonel Glenn Hwy.
937-775-5700

This agreement will expire two years from date of signature.



01/16/2024

Anthony M. Ponder, Ed.D.
Senior Vice President and Provost
Sinclair College

Date



1/17/2024

Amy Thompson, Ph.D.
Provost and Senior Vice President for Academic Affairs
Wright State University

Date