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

Sinclair College

to

Wright State University

Biotechnology

Biological Sciences with General Life Science Concentration Bachelor of Arts

Associate of Applied Science





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

SUBJECT	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
BIO	1107	3	Human Biology	BIO 1070	3
				General Elective Credit	
BIO	1171	5	General Biology I	BIO 1120 + Elective Element E: Natural Science + General Elective Credit	4+1
BIO	1272	5	General Biology II	BIO 1150 + Elective Element E: Natural Science + General Elective Credit	4+1
BIS	1120	3	Introduction to Software Applications	CS 1010 Non-CoSM Elective	3
BTN	1110	3	Biotechnology & Bioethics	BIO 1XXX General Elective Credit (Excess)	3
BTN	1120	2	Laboratory Safety & Regulatory Compliance	BIO 1XXX General Elective Credit (Excess)	2
BTN	1130	3	Biological Reagents Preparation	BIO 1XXX General Elective Credit	3
BTN	1140 + 2210	4+4	Cell Culture Protein Purification & Analysis	BIO 2XXX + Elective (Substitutes in as a Life Science Elective Requirement upon Completion of BTN Associate Degree) Life Science Elective + General Elective Credit	4+4
BTN	1201 or 2700	2	Biotechnology Careers Biotechnology Internship	BIO 1XXX or BIO 2XXX General Elective Credit	2
BTN	2220 + 2230	3+4	Microbiology & Fermentation Methods Molecular Biology Techniques	BIO 2XXX + Elective (Substitutes in as a Life Science Elective Requirement upon Completion of BTN Associate Degree) Life Science Elective + General Elective Credit	4+3

Sinclair College Wright State University

Biotechnology

Biological Sciences with General Life
Science Concentration
Bachelor of Arts

Associate of Applied Science

CHE	1211	5	General Chemistry I	CHM 1210 + 1210L	3+2
				Element E: Natural Science	
COM	2206,	3	Interpersonal Communication	COM 2020,	3
	2211, or		Effective Public Speaking	COM 1010, or	
	2225		Small Group Communication	COM 2410	
			·	Non-CoSM Elective	
ENG	1101	3	English Composition I	ENG 1100	3
				Element A: Communication	
MAT	1470	3	College Algebra	MTH 1280	3
				Major Core Requirement	
		3	One Ohio Transfer 36 Arts &	Element C: Arts and	3
			Humanities History Course	Humanities - History	
		3	One Ohio Transfer 36 Arts &	Element C: Arts and	3
			Humanities Course That is	Humanities	
			Not History		
		3	One Ohio Transfer 36 Social	Element D: Social and	3
			& Behavioral Science Course	Behavioral Science	
TOTAL		64			64

 Choose one Ohio Transfer 36 Arts & Humanities history 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
HIS 1101	3	United States History I	HST 2110	3
HIS 1102	3	United States History II	HST 2120	3
HIS 1105	3	African American History	HST 1XXX	3
HIS 1111	3	Western Civilization I	HST 1100	3
HIS 1112	3	Western Civilization II	HST 1200	3
HIS 2215	3	Survey of African History	RST 2710	3
HIS 2216	3	Survey of Latin American History	RST 2810	3
HIS 2217	3	Survey of East Asian History	RST 2XXX	3
HIS 2218	3	History of Ohio	HST 2XXX	3

 Choose one Ohio Transfer 36 Arts & Humanities course that is not history from (Consult with your Sinclair and Wright State advisors for additional course options):

Sinclair College	to	Wright State University

Biotechnology

Biological Sciences with General Life
Science Concentration

Bachelor of Arts

Associate of Applied Science

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
HUM 1125	3	Introduction to the Humanities	HUM 1XXX	3
HUM 1130	3	Humanity & the Challenge of Technology	CS 1XXX	3
HUM 1131	3	The Search for Utopia	PHL 1XXX	3
HUM 1135	3	Environmental Ethics	EES 2600	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	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	3
MUS 2117	3	Surveys of Musical Styles I	MUS 1210	3
MUS 2118	3	Survey of Musical Styles II	MUS 2XXX	3
PHI 2205	3	Introduction to Philosophy	PHL 2050	3
PHI 2206	3	Introduction to Ethics	PHL 3110	3

Sinclair College	to	Wright State University

Biotechnology

Biological Sciences with General Life Science Concentration Bachelor of Arts

Associate of Applied Science

REL 1111	3	Eastern Religions	REL 2320	3
REL 1112	3	Western Religions	REL 2070	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
THE 2201	3	History of Theatre I	TH 2XXX	3
THE 2202	3	History of Theatre II	TH 2XXX	3

• Choose one Ohio Transfer 36 Social & Behavioral Science 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
AFR 1100	3	African-American Studies	AFS 2000	3
ECO 1100	3	Introduction to Economics	EC 2XXX	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	
GEO 1102	4	Earth's Physical Environment	GEO 2100 + Elective	3+1
GEO 1201	3	World Regional Geography: People, Places & Globalization	GEO 3300	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
PSY 2200	3	Lifespan Human Development	PSY 3410	3
PSY 2205	3	Child Development	PSY 2000	3
PSY 2206	3	Adolescent & Adult Development	PSY 2XXX	3
PSY 2217	3	Abnormal Psychology	PSY 3110	3
PSY 2220	3	Personality Psychology	PSY 3310	3
PSY 2225	3	Social Psychology	PSY 3510	
PSY 2228	3	Industrial Organizational Psychology	PSY 2XXX	3
PSY 2242	3	Educational Psychology	ED 2700	3
SOC 1101	3	Introduction to Sociology	SOC 2000	3
SOC 1115	3	Sociology of Marriage & Family	SOC 3100	3
SOC 1117	3	Popular Culture	SOC 1XXX	3

Sinclair College	to	Wright State University
Biotechnology		Biological Sciences with General Life
		Science Concentration
Associate of Applied Science		Bachelor of Arts

SINCLAIR COURSE	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
SOC 1145	3	Introduction to Cultural Anthropology	ATH 2150	3
SOC 1160	3	Sociology of Aging	SOC 1XXX	3
SOC 2205	3	Social Problems	SOC 2200	3
SOC 2208	3	Sociology of American Cities	SOC 2XXX	3
SOC 2215	3	Race & Ethnicity	SOC 3620	3
SOC 2226	3	Criminology	SOC 3700	3

- All students with declared Biological Sciences major are automatically admitted as Pre-Biological Sciences students.
- In order to be admitted fully as a biological sciences major at Wright State, students will need to achieve a cumulative GPA of a 2.0.
- Students must earn a C or higher in BIO 1171 and 1272 at Sinclair.
- Students must earn a C or higher in all science courses at Sinclair and Wright State.
- 126.5 hours are required for a BA degree at Wright State.

Total Credit Hours for Associate Degree: 64

4

Wright State University

Biotechnology

Biological Sciences with General Life Science Concentration Bachelor of Arts

Associate of Applied Science

		THIRD YEAR	
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
		FALL SEMESTER	
BIO	2100	Orientation Seminar in Biological Sciences	1
BIO	2310	Evolution and Ecology	4
ENG	2100	Research Writing and Argumentation	3
		Element A: Communication	
STT	1600 or	Statistical Concepts	4
	2640	Elementary Statistics	
		Element B: Mathematics	
		Non-CoSM Elective	3
		SPRING SEMESTER	
BIO	2110	Principles of Molecular and Classical Genetics	3
CHM	1220	General Chemistry II	3
CHM	1220L	General Chemistry II Lab	2
		Life Science Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
		SUMMER SEMESTER	
		Element D: Social and Behavioral Science	3
		Global Inquiry	
		Integrated Writing	
		Wright State Core Course	3
Total Hou	irs:		35

Sinclair College Wright State University

Biotechnology Biological Sciences with General Life Science Concentration

Associate of Applied Science Bachelor of Arts

FOURTH YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BIO	2120	Cell Biology	3
PHY	1110	Principles of Physics I	4
PHY	1110L	Principles of Physics I Lab	1
		Biology Elective 3000/4000 Level	3
		Non-CoSM Elective 3000/4000 Level	3
SPRING SEMESTER			
BIO	2140	Introduction to Cell Biology Lab	2.5
BIO		Capstone Course	1-5
		Biology Elective 3000/4000 Level with a Lab	0-4
		Biology Elective 3000/4000 Level	3
		Non-CoSM Elective	3
Total Hours:			27.5

Total Credit Hours for Bachelor's Degree: 126.5

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/sinclair.

High school students must be close to graduating 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:

Fall Semester: April 1

Sinclair College

to

Wright State University

Biotechnology

Biological Sciences with General Life Science Concentration Bachelor of Arts

Associate of Applied Science

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 biological sciences major at Wright State, students will need to achieve a cumulative GPA of a 2.0.

Students must earn a C or higher in BIO 1171 and 1272 at Sinclair.

Students must earn a C or higher in all science courses at Sinclair and Wright State.

2. TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:

Transfer Center 138 Student Union 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.

6/12/2025 Date 6/12/2025

Charles Long, M.S.

Manager of Curriculum, Transfer, and Articulation

Sinclair College

Jim Denniston, Ph.D.

Date

Provost and Senior Vice President for Academic Affairs

Wright State University