

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

to

Wright State University

Biology

**Biological Sciences with General;
Cell/Molecular Biology and Health
Sciences; Ecology, Evolution, and
Organismal Biology; or Genetics
Concentration
Bachelor of Science**

Associate of Science



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

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
BIO	1171	5	Principles of Biology I	BIO 1120 + Elective <small>Element E: Natural Science + General Elective Credit</small>	4+1
BIO	1272	5	Principles of Biology II	BIO 1150 + Elective <small>Element E: Natural Science + General Elective Credit</small>	4+1
BIO	2225	4	Ecology <small>Science and Math Elective</small>	BIO 2310 <small>Required Departmental Course</small>	4
BIO	2235	4	Genetics	BIO 2110 + Elective <small>Required Departmental Course + General Elective Credit</small>	3+1
CHE	1211	5	General Chemistry I	CHM 1210 + 1210L <small>Element E: Natural Science</small>	3+2
CHE	1221	5	General Chemistry II	CHM 1220 + 1220L <small>Required Science & Math 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>General Elective Credit</small>	3
ENG	1101	3	English Composition I	ENG 1100 <small>Element A: Communication</small>	3
MAT	1450	4	Introductory Statistics <small>Mathematics, Statistics, & Logic Ohio Transfer 36 Elective</small>	STT 1600 <small>Required Science & Math Course</small>	4

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MAT	2240 or 2270	4 or 5	Calculus for the Life Sciences Calculus and Analytic Geometry I <small>Science and Math Elective</small>	MTH 2240 or MTH 2300 + Elective <small>Element B: Mathematics</small>	4 or 4+1
PHY	1141	4	College Physics I <small>Science and Math Elective</small>	PHY 1110 + 1110L <small>Required Science & Math Course</small>	3+1
PHY	1142	4	College Physics II <small>Science and Math Elective</small>	PHY 1120 + 1120L <small>Required Science & Math Course</small>	3+1
SCC	1101	1	First Year Experience	UVC 1XXX (Substitutes for BIO 1110 Requirement)	1
		3	One Ohio Transfer 36 Arts & Humanities History Course	Element C: Arts and Humanities - History	3
		3	One Ohio Transfer 36 Arts & Humanities Course That is Not History	Element C: Arts and Humanities	3
		6	Two Ohio Transfer 36 Social & Behavioral Science Courses from Different Subjects	Element D: Social and Behavioral Science	6
		3	One Multicultural Elective Course	General Elective Credit	3
TOTAL		66-67			66-67

- 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

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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 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

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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
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 two Ohio Transfer 36 Social & Behavioral Science courses from different subjects 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	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

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SINCLAIR COURSE	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
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	3

- Choose one Multicultural Elective 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
ART 2236	3	History of Women Artists	ART 2XXX	3
ART 2238	3	History of African Art	ART 2XXX	3
ART 2239	3	History of Asian Art	ART 2XXX	3
GEO 1101	3	Global Forces, Local Diversity	GEO 2200	3
GEO 1201	3	World Regional Geography: People, Places & Globalization	GEO 3300	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
HUM 1125	3	Introduction to the Humanities	HUM 1XXX	3
HUM 1130	3	Humanity & the Challenge of Technology	CS 1XXX	3
HUM 1141	3	Appalachian History & Culture	UNK 1XXX	3
LIT 2217	3	Images of Women in Literature	ENG 2XXX	3

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SINCLAIR COURSE	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
LIT 2234	3	Literature of Africa, Asia, & Latin America	ENG 2310	3
LIT 2236	3	African-American Literature	ENG 2050	3
MUS 1123	3	World Music	MUS 2420	3
PLS 2200	3	Political Life, Systems & Issues	PLS 2000	3
PLS 2220	3	International Relations	PLS 2220	3
PSY 1160	3	Black Psychology	PSY 1XXX	3
PSY 2225	3	Social Psychology	PSY 3510	3
REL 1111	3	Eastern Religions	REL 2320	3
REL 1112	3	Western Religions	REL 2070	3
SOC 1145	3	Introduction to Cultural Anthropology	ATH 2150	3
SOC 2215	3	Race & Ethnicity	SOC 3620	3
THE 2201	3	History of Theatre I	TH 2XXX	3
THE 2202	3	History of Theatre II	TH 2XXX	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, 1272, 2225, and 2235 at Sinclair.
- Students must earn a C or higher in all science courses at Sinclair and Wright State.
- 120-123 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							
BIO	1171	Principles of Biology	5	BIO	1120	Cells and Genes + Elective Element E: Natural Science + General Elective Credit	4+1
ENG	1101	English Composition I	3	ENG	1100	Academic Writing and Reading Element A: Communication	3

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FIRST YEAR							
Sinclair College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
MAT	2240 or 2270	Calculus for the Life Sciences Calculus and Analytic Geometry I <small>Science and Math Elective</small>	4-5	MTH	2240 or 2300	Applied Calculus Calculus I + Elective <small>Element B: Mathematics</small>	4 or 4+1
PHY	1141	College Physics I <small>Science and Math Elective</small>	4	PHY	1110 + 1110L	Principles of Physics I + Lab <small>Required Science & Math Course</small>	3+1
SCC	1101	First Year Experience	1	UVC	1XXX	Non-Equivalent Transfer Course (Substitutes for BIO 1110 Requirement)	1
SPRING SEMESTER							
BIO	1272	Principles of Biology II	5	BIO	1150	Organisms and Ecosystems <small>Element E: Natural Science + General Elective Credit</small>	4+1
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>General Elective Credit</small>	3
PHY	1142	College Physics II <small>Science and Math Elective</small>	4	PHY	1120 + 1120L	Principles of Physics II + Lab <small>Required Science & Math Course</small>	3+1
		Ohio Transfer 36 Arts & Humanities Course That Is Not History	3			Element C: Arts and Humanities	3
SUMMER SEMESTER							
		Ohio Transfer 36 Social & Behavioral Science Course	3			Element D: Social and Behavioral Science	3
Total Hours:			35-36	Total Hours:			35-36

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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	2225	Ecology <small>Science and Math Elective</small>	4	BIO	2310	Evolution and Ecology <small>Required Departmental Course</small>	4
CHE	1211	General Chemistry I	5	CHM	1210	General Chemistry I <small>Element E: Natural Science</small>	3
CHE	1251	General Chemistry I Lab	0	CHM	1210L	General Chemistry I Lab <small>Element E: Natural Science</small>	2
MAT	1450	Introductory Statistics <small>Mathematics, Statistics, & Logic Ohio Transfer 36 Elective</small>	4	STT	1600	Statistical Concepts <small>Required Science & Math Course</small>	4
		Ohio Transfer 36 Arts & Humanities History Course	3			Element C: Arts and Humanities – History	3
SPRING SEMESTER							
BIO	2235	Genetics	4	BIO	2110	Principles of Molecular and Classical Genetics + Elective <small>Required Departmental Course + General Elective Credit</small>	3+1
CHE	1221	General Chemistry II	5	CHM	1220	General Chemistry II <small>Required Science & Math Course</small>	3
CHE	1261	General Chemistry II Lab	0	CHM	1220L	General Chemistry II Lab <small>Required Science & Math Course</small>	2
		Ohio Transfer 36 Social & Behavioral Science Course	3			Element D: Social and Behavioral Science	3
		Multicultural Elective Course	3			General Elective Credit	3
Total Hours:			31	Total Hours:			31

Total Credit Hours for Associate Degree: 66-67

GENERAL BIOLOGY CONCENTRATION

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THIRD YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BIO	2100	Orientation Seminar in Biological Sciences	1
BIO	2120	Cell Biology	3
CHM	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
ENG	2100	Research Writing and Argumentation Element A: Communication	3
		General Elective Credit	0-1
SPRING SEMESTER			
BIO	2140	Introduction to Cell Biology Lab	2.5
CHM	2120	Organic Chemistry II	3
CHM	2120L	Organic Chemistry II Lab	2
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
Total Hours:			25.5-26.5

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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
		Biology Elective 3000/4000 Level	3
		Biology Elective 3000/4000 Level	4
		Life Science Elective 3000/4000 Level with a Lab	3
SPRING SEMESTER			
BIO		Capstone	1-5
		Biology Elective 3000/4000 Level with a Lab	0-4
		Biology Elective 3000/4000 Level	3
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
Total Hours:			27.5

Total Credit Hours for Bachelor's Degree: 120

CELL/MOLECULAR BIOLOGY AND HEALTH SCIENCES CONCENTRATION

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THIRD YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BIO	2100	Orientation Seminar in Biological Sciences	1
BIO	2120	Cell Biology	3
CHM	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
ENG	2100	Research Writing and Argumentation Element A: Communication	3
SPRING SEMESTER			
BIO	2140	Introduction to Cell Biology Lab	2.5
CHM	2120	Organic Chemistry II	3
CHM	2120L	Organic Chemistry II Lab	2
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
Total Hours:			25.5

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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
BIO	4420 or 4460	Advanced Molecular Biology Advanced Cell Biology	3
BMB	4001 or 4210	Fundamentals of Biochemistry Biochemistry and Molecular Biology I	3
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
SPRING SEMESTER			
BIO	4020	Current Literature in Biology	3
		Biology Elective 3000/4000 Level with a Lab	4
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level with a Lab	3
Total Hours:			28.5

Total Credit Hours for Bachelor's Degree: 120-121

ECOLOGY, EVOLUTION, AND ORGANISMAL BIOLOGY CONCENTRATION

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THIRD YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BIO	2100	Orientation Seminar in Biological Sciences	1
BIO	2120	Cell Biology	3
CHM	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
ENG	2100	Research Writing and Argumentation Element A: Communication	3
SPRING SEMESTER			
BIO	2140	Introduction to Cell Biology Lab	2.5
CHM	2120	Organic Chemistry II	3
CHM	2120L	Organic Chemistry II Lab	2
		Ecology Core 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
Total Hours:			25.5

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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
		Evolution Core 3000/4000 Level	3
		Biology Elective 3000/4000 Level	3
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level with a Lab	3
SPRING SEMESTER			
BIO		Capstone Course	1-5
		Organismal Biology Core 3000/4000 Level	4
		Biology Elective 3000/4000 Level	0-2
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
Total Hours:			28.5-30.5

Total Credit Hours for Bachelor's Degree: 120-123

GENETICS CONCENTRATION

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THIRD YEAR

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SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BIO	2100	Orientation Seminar in Biological Sciences	1
BIO	2120	Cell Biology	3
CHM	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
ENG	2100	Research Writing and Argumentation Element A: Communication	3
SPRING SEMESTER			
BIO	2140	Introduction to Cell Biology Lab	2.5
CHM	2120	Organic Chemistry II	3
CHM	2120L	Organic Chemistry II Lab	2
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
Total Hours:			25.5

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SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BIO	3140	Molecular Biology Lab	3.5
BIO	3300, 4300, or 4600	Yeast Genetics: Concepts, Tools & Applications Genes to Genomes: Concepts & Experiential Learning Population Genetics	4
		Biology Elective 3000/4000 Level	3
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
SPRING SEMESTER			
BIO		Capstone Course	1-3
		Biology Elective 3000/4000 Level	0-2
		Biology Elective 3000/4000 Level	3
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level with a Lab	3
Total Hours:			28.5

Total Credit Hours for Bachelor's Degree: 120-121

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

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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**
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, 1272, 2225, and 2235 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

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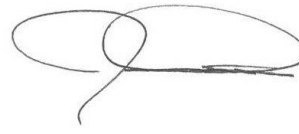
This agreement will expire two years from date of signature.



6/12/2025

Charles Long, M.S.
Manager of Curriculum, Transfer, and Articulation
Sinclair College

Date



6/12/2025

Jim Denniston, Ph.D.
Provost and Senior Vice President for Academic Affairs
Wright State University

Date