

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

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

Edison State Community College

to

Wright State University



**Biochemistry and Molecular Biology
Bachelor of Science**



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

SUBJECT CODE	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ANT MUS REL	121S 127S, or 121S	3	Introduction to Anthropology Music as a World Phenomenon World Religions <small>Elective</small>	ATH 2150, MUS 2420, or REL 2320 <small>Element 3: Global Traditions</small>	3
BIO	121S	4	Intro Biology: Cells/Genetics/ Evolution <small>Science Elective</small>	BIO 1120 <small>Element 6: Natural Science</small>	4
BIO	122S	4	Animals, Plants, Ecology <small>Science Elective</small>	BIO 1150 <small>Element 6: Natural Science</small>	4
CHM	121S	5	General Chemistry I <small>Major Elective</small>	CHM 1210 + 1210L <small>Additional Core Course</small>	3+2
CHM	122S	5	General Chemistry II <small>Elective</small>	CHM 1220 + 1220L <small>Additional Core Course</small>	3+2
CIS	110S	3	Computer Concepts and Applications	CS 1010 <small>General Elective Credit</small>	3
COM	121S	3	Introduction to Communication	COM 1010 <small>General Elective Credit</small>	3
ENG	121S	3	Composition I	ENG 1100 <small>Element 1: Communication</small>	3
ENG	122S	3	Composition II	ENG 2100 (Substitutes for ENG 2130) <small>Element 1: Communication</small>	3
HST	125S or 126S	3	Western Civilization to 1715 Western Civilization Since 1715 <small>Social & Behavioral Sciences Elective</small>	HST 1100 or HST 1200 <small>Element 3: Global Traditions</small>	3
HUM	121S	3	Introduction to Humanities	HUM 1XXX <small>Element 4: Arts/Humanities</small>	3
MTH	125S	3	General Statistics <small>Math/Science Elective</small>	STT 2640	3
MTH	221S	5	Calculus/Analytical Geometry I <small>Math Elective</small>	MTH 2300 + Elective <small>Element 2: Mathematics + General Elective Credit</small>	4+1
CHM	2XXS	5	Organic Chemistry I + Lab <small>Elective</small>	CHM 2110 + 2110L (Completed at	3+2

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Edison State Community College

to

Wright State University

Associate of Science

Biochemistry and Molecular Biology
Bachelor of Science

SUBJECT CODE	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
				Wright State through SOCHE Agreement While Studying at Edison State)	
CHM	2XXS	5	Organic Chemistry II + Lab Elective	CHM 2120 + 2120L (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3+2
		6	Two Ohio Transfer 36 Arts & Humanities Courses (from List Below)	General Elective Credit	6
		6	Two Ohio Transfer 36 Social & Behavioral Sciences Courses	Element 5: Social Science	6
TOTAL		69			69

- Choose two Ohio Transfer 36 Arts and Humanities courses from:

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ART 123S	3	Ancient Art History	ART 2110	3
ART 124S	3	Art History: The Modern Era	ART 2120	3
ENG 123S	3	Introduction to Literature	ENG 1XXX	3
ENG 205S	3	Great Books	ENG 2040	3
ENG 221S	3	American Literature I	ENG 3310	3
ENG 222S	3	American Literature II	ENG 3320	3
ENG 241S	3	British Literature I – Middle Ages/Restoration	ENG 3210 or ENG 3220	3
ENG 242S	3	British Literature II – Romantics/20 th Century	ENG 3230	3
HST 224S	3	African American History Since 1619	HST 2XXX	3
MUS 120S	3	Music Appreciation	MUS 2140	3
MUS 127S	3	Music as a World Phenomenon	MUS 2420	3
PHI 121S	3	Introduction to Philosophy	PHL 2050	3

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Edison State Community College

to

Wright State University

Associate of Science

Biochemistry and Molecular Biology
Bachelor of Science

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
PHI 123S	3	Introduction to Ethics	PHL 3110	3
REL 121S	3	World Religions	REL 2320	3

- Choose two Ohio Transfer 36 Social and Behavioral Sciences courses from:

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ANT 121S	3	Introduction to Anthropology	ATH 2150	3
ECO 120S	3	Fundamentals of Economics	EC 2000	3
ECO 221S	3	Principles of Microeconomics	EC 2040	3
ECO 222S	3	Principles of Macroeconomics	EC 2050	3
GEO 121S	3	Physical Geography	GEO 2100	3
GEO 123S	3	Human Geography	GEO 2200	3
HST 121S	3	United States History to 1877	HST 2110	3
HST 122S	3	United States History Since 1877	HST 2120	3
HST 125S	3	Western Civilization to 1715	HST 1100	3
HST 126S	3	Western Civilization Since 1715	HST 1200	3
PLS 121S	3	American National Government	PLS 2120	3
PLS 122S	3	State & Local Government	PLS 3220	3
PSY 121S	3	Introduction to Psychology	PSY 1010	3
SOC 121S	3	Introduction to Sociology	SOC 2000	3
SOC 224S	3	Race & Ethnicity	SOC 3620	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 121S, BIO 122S, CHM 121S, and CHM 122S at Edison State.
- 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. Students will still need to satisfy a minimum of 120 hours to graduate with a bachelor's degree from Wright State.
- 124.5 hours minimum are required for a BS degree at Wright State.

FIRST YEAR							
Edison State Community College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Edison State Community College

to

Wright State University

Associate of Science

Biochemistry and Molecular Biology
Bachelor of Science

FIRST YEAR							
Edison State Community College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
BIO	121S	Intro Biology: Cells/Genetics/ Evolution	4	BIO	1120	Cells and Genes <small>Element 6: Natural Science</small>	4
CHM	121S	General Chemistry I <small>Major Elective</small>	5	CHM	1210 + 1210L	General Chemistry I + Lab <small>Additional Core Course</small>	3+2
ENG	121S	Composition I	3	ENG	1100	Academic Writing and Reading <small>Element 1: Communication</small>	3
MTH	221S	Calculus/Analytical Geometry I <small>Math Elective</small>	5	MTH	2300	Calculus I + Elective <small>Element 2: Mathematics + General Elective Credit</small>	4+1
SPRING SEMESTER							
BIO	122S	Animals, Plants, Ecology <small>Science Elective</small>	4	BIO	1150	Organisms and Ecosystems <small>Element 6: Natural Science</small>	4
CHM	122S	General Chemistry II <small>Elective</small>	5	CHM	1220 + 1220L	General Chemistry II + Lab <small>Additional Core Course</small>	3+2
ENG	122S	Composition II	3	ENG	2100	Research, Writing and Argumentation (Substitutes for ENG 2130) <small>Element 1: Communication</small>	3
MTH	125S	General Statistics <small>Math/Science Elective</small>	3	STT	2640	Elementary Statistics	3
SUMMER SEMESTER							
		Ohio Transfer 36 Arts & Humanities Elective	3			General Elective Credit	3
		Ohio Transfer 36 Social & Behavioral Sciences Elective	3			Element 5: Social Science	3
Total Hours:			38	Total Hours:			38

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Edison State Community College

to

Wright State University

Associate of Science

Biochemistry and Molecular Biology
Bachelor of Science

SECOND YEAR							
Edison State Community College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
ANT MUS REL	121S, 127S, or 121S	Introduction to Anthropology Music as a World Phenomenon World Religions <small>Elective</small>	3	ATH MUS REL	2150, 2420, or 2320	Comparative Nonwestern Cultures Comparative Nonwestern Cultures – Music Nonwestern Religions <small>Element 3: Global Traditions</small>	3
COM	121S	Introduction to Communication	3	COM	1010	Essentials of Public Address <small>General Elective Credit</small>	3
HUM	121S	Introduction to Humanities	3	HUM	1XXX	Non-Equivalent Transfer Course <small>Element 4: Arts/Humanities</small>	3
		Elective	3	CHM	2110	Organic Chemistry I (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3
		Elective	2	CHM	2110L	Organic Chemistry I Lab (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	2
SPRING SEMESTER							
CIS	110S	Computer Concepts and Applications	3	CS	1010	Introduction to Computers and Office Productivity Software <small>General Elective Credit</small>	3
HST	125S or 126S	Western Civilization to 1715 Western Civilization Since 1715 <small>Social & Behavioral Sciences 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 Arts & Humanities Elective	3			General Elective Credit	3
		Ohio Transfer 36 Social & Behavioral Sciences Elective	3			Element 5: Social Science	3
		Elective	3	CHM	2120	Organic Chemistry II (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3
		Elective	2	CHM	2120L	Organic Chemistry II Lab (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	2
Total Hours:			31	Total Hours:			31

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Edison State Community College

to

Wright State University

Associate of Science

Biochemistry and Molecular Biology
Bachelor of Science

Total Credit Hours for Associate Degree: 69

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
Total Hours:			28

- Students who are planning to attend graduate school should complete PHY 2400/2400L and 2410/2410L.
- Students who completed MTH 128S Precalculus at Edison State could count the credit toward MTH/STT Elective. Consult with your Wright State academic advisor about a course selection.

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Edison State Community College

to

Wright State University

Associate of Science

Biochemistry and Molecular Biology
Bachelor of Science

FOURTH YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BIO	3140	Molecular Biology Lab	3.5
BMB	4000	Biochemistry and Molecular Biology Seminar	1
BMB	4020	Research Perspectives	1
BMB	4100	Senior Reflection	1
		BMB Elective	3
		CoSM Elective	3
		CoSM Elective	3
SPRING SEMESTER			
BMB	3900	Scientific Communications	2
BMB	4870	Biochemistry and Molecular Biology Seminar with Developing Researchers	1
		BMB Elective	3
		BMB Elective	3
		CoSM Elective (Consult with Wright State academic advisor)	3
Total Hours:			27.5

Total Credit Hours for Bachelor's Degree: 124.5

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/wrightpath/edison-state.

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

Transfer to Wright State University

Students must earn a minimum 2.0 GPA from Edison State 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**

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Edison State Community College

to

Wright State University

Associate of Science

**Biochemistry and Molecular Biology
Bachelor of Science**

Students must apply for undergraduate admission one semester prior to completing their studies at Edison State.

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 121S, BIO 122S, CHM 121S, and CHM 122S at Edison State.

2. TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:

Transfer Student Resource Center
3640 Colonel Glenn Hwy.
138 Student Union
3640 Colonel Glenn Hwy.
Dayton, OH 45435
937-775-4830
transfer@wright.edu

3. CONTACT INFORMATION

Edison State Community College
Coordinator of Transfer Pathways Advising
Student Services Room #160
1973 Edison Dr., Piqua, OH
937-778-7854

Wright State University
Transfer Student Resource Center
138 Student Union
3640 Colonel Glenn Hwy. Dayton, OH
937-775-4830

This agreement will expire two years from date of signature.

12 Jan. 2022

Christopher Spradlin, M.A.
Provost
Edison State Community College

Date

1/13/2022

Oliver Evans, Ph.D.
Interim Provost
Wright State University

Date