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

Physiology and Neuroscience
Bachelor of Science





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

SUBJECT CODE	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
BIO	121S	4	Intro Biology: Cells/Genetics/ Evolution Elective	BIO 1120 Element E: Natural Science	4
BIO	122S	4	Animals, Plants, Ecology	BIO 1150 Element E: Natural Science	4
СНМ	121S	5	General Chemistry I Natural & Physical Sciences Ohio Transfer 36	CHM 1210 + 1210L Element E: Natural Science	3+2
СНМ	122S	5	General Chemistry II Natural & Physical Sciences Ohio Transfer 36	CHM 1220 + 1220L Element E: Natural Science	3+2
СНМ	2XXS	5	Organic Chemistry I + Lab Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	CHM 2110 + 2110L Related Course Requirement	3+2
СНМ	2XXS	5	Organic Chemistry II + Lab Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	CHM 2120 + 2120L Related Course Requirement	3+2
CIS	110S	3	Computer Concepts and Applications	CS 1010 General Elective Credit	3
COM	121S	3	Introduction to Communication	COM 1010 General Elective Credit	3
ENG	121S	3	Composition I	ENG 1100 Element A: Communication	3
ENG	122S	3	Composition II Ohio Transfer 36 Elective	ENG 2100 Element A: Communication	3
MTH	125S	3	General Statistics Elective	STT 2640 Related Course Requirement	3
MTH	221S	5	Calculus/Analytical Geometry I Mathematics, Statistics, & Logic Ohio Transfer 36	MTH 2300 + Elective Element B: Mathematics + General Elective Credit	4+1
MUS REL	127S or 121S	3	Music as a World Phenomenon World Religions Arts & Humanities Ohio Transfer 36 Diversity	MUS 2420 or REL 2320 Element C: Arts and Humanities	3

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SUBJECT CODE	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
PSY	121S	3	Introduction to Psychology	PSY 1010	3
			Social & Behavioral Science Ohio Transfer 36	Element D: Social and	
				Behavioral Science	
		3	One Ohio Transfer 36 Arts &	Element C: Arts	3
			Humanities Course (from List	and Humanities	
			Below)		
		3	One Ohio Transfer 36 Social &	Element C: Arts	3
			Behavioral Science History	and Humanities -	
			Course (from List Below)	History	
TOTAL		60			60

• Choose one Ohio Transfer 36 Arts and Humanities course 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
HUM 121S	3	Introduction to Humanities	HUM 1XXX	3
MUS 120S	3	Music Appreciation	MUS 2140	3
MUS 127S	3	Music as a World Phenomenon	MUS 2420 Inclusive Excellence	3
PHI 121S	3	Introduction to Philosophy	PHL 2050	3
PHI 123S	3	Introduction to Ethics	PHL 3110	3
REL 121S	3	World Religions	REL 2320	3
THE 121S	3	Introduction to Theatre	TH 2140	3

• Choose one Ohio Transfer 36 Social and Behavioral Science history course from:

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EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
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

- All students with declared Physiology and Neuroscience major are automatically admitted as Pre-Physiology and Neuroscience students.
- In order to be admitted fully as a physiology and neuroscience major at Wright State, students will need to achieve a cumulative GPA of a 2.0.
- Students must earn a C or higher in all science and mathematics courses at Edison State and Wright State.
- 120 hours minimum are required for a BS degree at Wright State.

			FIRST	YEAR			
Edison	State Co	ommunity College		Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
BIO	121S	Intro Biology: Cells/Genetics/ Evolution	4	BIO	1120	Cells and Genes Element E: Natural Science	4
СНМ	121S	General Chemistry I Natural & Physical Sciences Ohio Transfer 36	5	CHM	1210 + 1210L	General Chemistry I + Lab Element E: Natural Science	3+2
ENG	121S	Composition I	3	ENG	1100	Academic Writing and Reading Element A: Communication	3
MTH	221S	Calculus/Analytical Geometry I Mathematics, Statistics, & Logic Ohio Transfer 36	5	MTH	2300	Calculus I + Elective Element B: Mathematics + General Elective Credit	4+1
		SF	PRING S	EMESTE	R		
BIO	122S	Animals, Plants, Ecology	4	BIO	1150	Organisms and Ecosystems Element E: Natural Science	4
СНМ	122S	General Chemistry II Natural & Physical Sciences Ohio Transfer 36	5	CHM	1220 + 1220L	General Chemistry II + Lab Element E: Natural Science	3+2
ENG	122S	Composition II Oho Transfer 36 Elective	3	ENG	2100	Research Writing and Argumentation Element A: Communication	3
MTH	125S	General Statistics Elective	3	STT	2640	Elementary Statistics Related Course Requirement	3
Total Hours:		32	Total Ho	ours:		32	

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			SECON	D YEAR			
Edison	State Co	ommunity College		Wright	State Un	iversity	
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
		F	ALL SE	MESTER			
COM	121S	Introduction to Communication	3	COM	1010	Essentials of Public Address General Elective Credit	3
MUS REL		Music as a World Phenomenon World Religions Arts & Humanities Ohio Transfer 36	3	MUS REL	2420 or 2320	Comparative Nonwestern Cultures: Music Nonwestern Religions	3
		Diversity Ohio Transfer 36 Social & Behavioral Science History Course	3			Element C: Arts and Humanities Element C: Arts and Humanities - History	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3	СНМ	2110	Organic Chemistry I Related Course Requirement	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	2	СНМ	2110L	Organic Chemistry I Lab Related Course Requirement	2
		SF	PRING S	EMESTE	R		
CIS	110S	Computer Concepts and Applications	3	CS	1010	Introduction to Computers and Office Productivity Software General Elective Credit	3
PSY	121S	Introduction to Psychology Social & Behavioral Science Ohio Transfer 36	3	PSY	1010	Introduction to Psychology Element D: Social and Behavioral Science	3
		Ohio Transfer 36 Arts & Humanities Course	3			Element C: Arts and Humanities	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3	СНМ	2120	Organic Chemistry II Related Course Requirement	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	2	СНМ	2120L	Organic Chemistry II Lab Related Course Requirement	2
Total Ho	ours:		28	Total Ho	ours:		28

Total Credit Hours for Associate Degree: 60

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		THIRD YEAR				
Wright St	ate Univer	sity				
SUBJECT CODE	COURSE NUMBER	COURSE IIII E				
	FALL SEMESTER					
ANT	3100	Human Structure and Function I	4			
NEU	2010	Introduction to Neuroscience Research	2			
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			
		Neuroscience Elective	3			
		SPRING SEMESTER				
ANT	3120	Human Structure and Function II	4			
NEU	1020	The Neuroscience of Learning	1			
NEU	4990	Independent Research in Neuroscience	1			
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			
		Neuroscience Elective	3			
		General Elective Credit	2-3			
Total Hou	ırs:		30-31			

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		FOURTH YEAR		
Wright St	tate Unive	rsity		
SUBJECT CODE	COURSE IIII E			
		FALL SEMESTER		
BMB	4001 or 4210	Fundamentals of Biochemistry (Premed Students) Biochemistry and Molecular Biology I	3	
NEU	3100	How the Nervous System Works I	4	
NEU	4990	Independent Research in Neuroscience	2	
		Neuroscience Elective	3	
		Neuroscience Elective	3	
		SPRING SEMESTER		
ВМВ	4230	Biochemistry and Molecular Biology II (If BMB 4210 Was Taken, Students Will Complete BMB 4230. Otherwise, Take a General Elective Credit Course)	2-3	
NEU	3200	How the Nervous System Works II	4	
NEU	3400	Advanced Neuroscience Lab Techniques: Microscopy Core: Lab Research Experience	4	
NEU	4020	Senior Capstone: Neuroscience Laboratory Research	2	
NEU	4990	Independent Research in Neuroscience	2	
Total Hou	ırs:		29-30	

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/edisonstate.

High school students must be close to graduating 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

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Spring Semester: October 15 Summer Semester: February 1

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

In order to be admitted fully as a physiology and neuroscience major at Wright State, students will need to achieve a cumulative GPA of a 2.0.

Students must earn a C or higher in all science and mathematics courses at Edison State 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

Edison State Community College Coordinator of Transfer Pathways Advising Student Services Room #160 1973 Edison Dr., Piqua, OH 937-778-7844

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

This agreement will expire two years from date of signature.

Melissa A. Wertz. Ed.

Provost

Edison State Community College

19 September 2024

Date

9/19/2024

Amy Thompson, Ph.D.

Date

Provost and Senior Vice President for Academic Affairs

Wright State University