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

Associate of Science

Biological Sciences with General; Cell/Molecular Biology and Health Sciences; Ecology, Evolution, and Organismal Biology; or Genetics Concentration 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 Natural & Physical Sciences Ohio Transfer 36	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 Required Science & Math Course	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	122S or 128S, or 221S	3-5	College Algebra Precalculus Calculus/Analytical Geometry I Mathematics, Statistics, & Logic Ohio Transfer 36	MTH 1280 or MTH 1340, or MTH 2300 + Elective General Elective Credit or Element B: Mathematics + General Elective Credit	3 5 4+1
MTH	125S	4	General Statistics Elective	STT 1600 Required Science & Math Course	4
PHY	121S	5	College Physics I	PHY 1110 + 1110L Required Science & Math Course	4+1

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SUBJECT CODE	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
PHY	122S	5	College Physics II	PHY 1120 + 1120L	4+1
			Elective	Required Science & Math	
				Course	
		6	Two Ohio Transfer 36 Arts &	Element C: Arts	6
			Humanities Courses from	and Humanities	
			Different Subjects (from List		
			Below)		
		3	One Ohio Transfer 36 Social &	Element C: Arts	3
			Behavioral Science History	and Humanities -	
			Course (from List Below)	History	
		3	One Ohio Transfer 36 Social &	Element D: Social	3
			Behavioral Science Course That	and Behavioral	
			Is Not History (from List Below)	Science	
		0-1	Elective	General Elective	0-1
			(Consult with Edison and Wright	Credit	
			State Advisors)		
TOTAL		60-61			60-61

• Choose two Ohio Transfer 36 Arts & Humanities courses from different subjects 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

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EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
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	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 & Behavioral Science history course from:

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

• Choose one Ohio Transfer 36 Social & Behavioral Science course that is not history 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 2XXX	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
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

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Associate of Science

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
SOC 224S	3	Race & Ethnicity	SOC 3620	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 121S and 122S at Edison State.
- Students must earn a C or higher in all science courses at Edison State and Wright State.
- Students interested in a Bachelor of Science degree will complete MTH 221S. However, if additional preparations/pre-requisite courses are necessary, students may complete MTH 122S or 128S at Edison State and complete MTH 2240 at Wright State after transfer.
- 120-125 hours minimum are required for a BS degree at Wright State.

	FIRST 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					
BIO	121S	Intro Biology: Cells/Genetics/ Evolution Natural & Physical Sciences Ohio Transfer 36	4	BIO	1120	Cells and Genes Element E: Natural Science	4		
СНМ	121S	General Chemistry I Natural & Physical Sciences Ohio Transfer 36	5	СНМ	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		College Algebra Precalculus Calculus/Analytical Geometry I Mathematics, Statistics, & Logic Ohio Transfer 36	3-5	MTH	1340, or 2300	College Algebra Precalculus Calculus I + Elective General Elective Credit or Element B: Mathematics + General Elective Credit	3 5 4+1		
	SPRING SEMESTER								
BIO	122S	Animals, Plants, Ecology Elective	4	BIO	1150	Organisms and Ecosystems Element E: Natural Science	4		
СНМ	122S	General Chemistry II Natural & Physical Sciences Ohio Transfer 36	5	СНМ	1220 + 1220L	General Chemistry II + Lab Required Science & Math Course	3+2		

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	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	
ENG	122S	Composition II Ohio Transfer 36 Elective	3	ENG		Research Writing and Argumentation Element A: Communication	3	
MTH		General Statistics Elective	4	STT		Statistical Concepts Required Science & Math Course	4	
Total Ho	ours:		31-33	Total Ho	ours:		31-33	

SECOND 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	FALL SE	MESTER			
СОМ	121S	Introduction to Communication	3	COM	1010	Essentials of Public Address General Elective Credit	3
PHY	121S	College Physics I	5	PHY	1110 + 1110L	Principles of Physics I + Lab Required Science & Math Course	4+1
		Ohio Transfer 36 Social & Behavioral Science History Course	3			Element C: Arts and Humanities - History	3
		Ohio Transfer 36 Arts & Humanities Course	3			Element C: Arts and Humanities	3
		Elective	0-1			General Elective Credit	0-1
		SF	PRING S	EMESTER	र		
CIS	110S	Computer Concepts and Applications	3	CS	1010	Introduction to Computers and Office Productivity Software General Elective Credit	3
PHY	122S	College Physics II	5	PHY	1120 + 1120L	Principles of Physics II + Lab Required Science & Math Course	4+1
		Ohio Transfer 36 Arts & Humanities Course	3			Element C: Arts and Humanities	3
		Ohio Transfer 36 Social & Behavioral Science Course That Is Not History	3			Element D: Social and Behavioral Science	3
Total Ho	ours:		28-29	Total Ho	ours:		28-29

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Total Credit Hours for Associate Degree: 60-61

GENERAL BIOLOGY CONCENTRATION

		THIRD YEAR	
Wright S	tate Unive	rsity	
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
		FALL SEMESTER	
BIO	2100	Orientation Seminar in Biological Sciences	1
BIO	2110	Principles of Molecular and Classical Genetics	3
BIO	2310	Evolution and Ecology	4
СНМ	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
MTH	2240	Applied Calculus (If MTH 221S Was Not Completed at Edison State) Element B: Mathematics	0-4
		SPRING SEMESTER	
BIO	2120	Cell Biology	3
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
		General Elective Credit	0-2
Total Hou	ırs:		28.5-30.5

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FOURTH YEAR				
Wright St	ate Unive	rsity		
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	
		FALL SEMESTER		
BIO	3140	Molecular Biology Lab	3.5	
		Biology Elective 3000/4000 Level	4	
		Biology Elective 3000/4000 Level	3	
		Life Science Elective 3000/4000 Level with Lab	3	
		Life Science Elective 3000/4000 Level	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 Hou	irs:		30.5	

Total Credit Hours for Bachelor's Degree: 120-122

CELL/MOLECULAR BIOLOGY AND HEALTH SCIENCES CONCENTRATION

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Associate of Science

		THIRD YEAR	
Wright St	tate Unive	rsity	
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
		FALL SEMESTER	
BIO	2100	Orientation Seminar in Biological Sciences	1
BIO	2110	Principles of Molecular and Classical Genetics	3
BIO	2310	Evolution and Ecology	4
CHM	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
MTH	2240	Applied Calculus (If MTH 221S Was Not Completed at Edison State)	0-4
		Element B: Mathematics	
		SPRING SEMESTER	
BIO	2120	Cell Biology	3
BIO	2140	Introduction to Cell Biology Lab	2.5
CHM	2120	Organic Chemistry II	3
СНМ	2120L	Organic Chemistry II Lab	2
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
Total Hou	ırs:		29.5-33.5

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		FOURTH YEAR	
Wright S	tate Unive	rsity	
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
		General Elective Credit	0-1
Total Hou	ırs:		28.5-29.5

Total Credit Hours for Bachelor's Degree: 120-122

ECOLOGY, EVOLUTION, AND ORGANISMAL BIOLOGY CONCENTRATION

Edison State Community College

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Associate of Science

		THIRD YEAR	
Wright St	tate Unive	rsity	
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
		FALL SEMESTER	
BIO	2100	Orientation Seminar in Biological Sciences	1
BIO	2110	Principles of Molecular and Classical Genetics	3
BIO	2310	Evolution and Ecology	4
CHM	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
MTH	2240	Applied Calculus (If MTH 221S Was Not Completed at Edison State)	0-4
		SPRING SEMESTER	
BIO	2120	Cell Biology	3
BIO	2140	Introduction to Cell Biology Lab	2.5
CHM	2120	Organic Chemistry II	3
CHM	2120L	Organic Chemistry II Lab	2
		Ecology Core Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level	3
Total Hou	ırs:		29.5-33.5

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FOURTH YEAR				
Wright St	tate Unive	rsity		
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	
		General Elective Credit	0-1	
Total Hou	ırs:		29.5-30.5	

Total Credit Hours for Bachelor's Degree: 120-125

GENETICS CONCENTRATION

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		THIRD YEAR	
Wright St	tate Unive	rsity	
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
		FALL SEMESTER	
BIO	2100	Orientation Seminar in Biological Sciences	1
BIO	2110	Principles of Molecular and Classical Genetics	3
BIO	2310	Evolution and Ecology	4
CHM	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
MTH	2240	Applied Calculus (If MTH 221S Was Not Completed at Edison State) Element B: Mathematics	0-4
		SPRING SEMESTER	
BIO	2120	Cell Biology	3
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 Hou	ırs:		29.5-33.5

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Wright St	ate Unive	rsity	
SUBJECT CODE	COURSE	COURSE TITLE	CREDIT HOURS
		FALL SEMESTER	1100.00
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	0-1
		Biology Elective 3000/4000 Level	3
		Biology Elective 3000/4000 Level	3
		Life Science Elective 3000/4000 Level with a Lab	3
		General Elective Credit	0-2
Γotal Hou	rs:		27.5-28.

Total Credit Hours for Bachelor's Degree: 122-123

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

Edison State Community College

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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

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

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 121S and 122S at Edison State.

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

Students interested in a Bachelor of Science degree will complete MTH 221S. However, if additional preparations/ pre-requisite courses are necessary, students may complete MTH 122S at Edison State and complete MTH 2240 at Wright State after transfer.

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

Wright State University

Edison State Community College

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

9 July 2025

Date

Provost

Edison State Community College

Jim Denniston, Ph.D.

Date

7/9/2025

Provost and Senior Vice President for Academic Affairs Wright State University