

# 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](http://wright.edu/wrightpath/edison-state).

| SUBJECT CODE | COURSE NUMBER   | EDISON STATE CREDIT HOUR | COURSE TITLE   | WRIGHT STATE COURSE #  | WRIGHT STATE CREDIT HOUR |
|--------------|-----------------|--------------------------|--|--|--------------------------|
| BIO          | 121S            | 4                        | Intro Biology: Cells/Genetics/<br>Evolution<br><small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>                               | BIO 1120<br><small>Element 6: Natural Science</small>                                | 4                        |
| BIO          | 122S            | 4                        | Animals, Plants, Ecology<br><small>Elective</small>  | BIO 1150<br><small>Element 6: Natural Science</small>                                | 4                        |
| CHM          | 121S            | 5                        | General Chemistry I<br><small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>   | CHM 1210 + 1210L<br><small>Additional Core Course</small>                            | 3+2                      |
| CHM          | 122S            | 5                        | General Chemistry II<br><small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>  | CHM 1220 + 1220L<br><small>Additional Core Course</small>                            | 3+2                      |
| CHM          | 2XXS            | 5                        | Organic Chemistry I + Lab<br><small>Elective<br/>(Completed at Wright State through<br/>SOCHE Agreement While Studying at<br/>Edison State)</small>  | CHM 2110 + 2110L   | 3+2                      |
| CHM          | 2XXS            | 5                        | Organic Chemistry II + Lab<br><small>Elective<br/>(Completed at Wright State through<br/>SOCHE Agreement While Studying at<br/>Edison State)</small> | CHM 2120 + 2120L   | 3+2                      |
| CIS          | 110S            | 3                        | Computer Concepts and<br>Applications  | CS 1010<br><small>General Elective Credit</small>                                    | 3                        |
| COM          | 121S            | 3                        | Introduction to Communication  | COM 1010<br><small>General Elective Credit</small>                                   | 3                        |
| ENG          | 121S            | 3                        | Composition I  | ENG 1100<br><small>Element 1: Communication</small>                                  | 3                        |
| ENG          | 122S            | 3                        | Composition II<br><small>Ohio Transfer 36 Elective</small>   | ENG 2100<br>(Substitutes for<br>ENG 2130)<br><small>Element 1: Communication</small> | 3                        |
| HST          | 125S or<br>126S | 3                        | Western Civilization to 1715<br>Western Civilization Since 1715<br><small>Social &amp; Behavioral Sciences Ohio Transfer 36<br/>Elective</small>     | HST 1100 or<br>HST 1200<br><small>Element 3: Global Traditions</small>               | 3                        |
| MTH          | 125S            | 3                        | General Statistics<br><small>Elective</small>  | STT 2640   | 3                        |

# 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 |
|--------------|-----------------|--------------------------|--|---|--------------------------|
| MTH          | 221S            | 5                        | Calculus/Analytical Geometry I<br><small>Mathematics, Statistics, &amp; Logic Ohio Transfer 36 Elective</small>                | MTH 2300 +<br>Elective<br><small>Element 2: Mathematics +<br/>General Elective Credit</small> | 4+1                      |
| MUS<br>REL   | 127S or<br>121S | 3                        | Music as a World Phenomenon<br>World Religions<br><small>Arts &amp; Humanities Ohio Transfer 36 Elective<br/>Diversity</small> | MUS 2420 or<br>REL 2320<br><small>Element 3: Global Traditions</small>                        | 3                        |
|              |                 | 3                        | <b>One Ohio Transfer 36 Arts &amp; Humanities Course (from List Below)</b>   | Element 4:<br>Arts/Humanities   | 3                        |
|              |                 | 3                        | <b>One Ohio Transfer 36 Social &amp; Behavioral Sciences Course That Is Not History</b>  | Element 5: Social<br>Science  | 3                        |
| <b>TOTAL</b> |                 | <b>60</b>                |  |   | <b>60</b>                |

- 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<br>ENG 3220 | 3                        |
| ENG 242S                | 3                        | British Literature II – Romantics/20 <sup>th</sup> 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 or<br>REL 121S | 3                        | Music as a World Phenomenon<br>World Religions             | MUS 2420 or<br>REL 2320 | 3                        |
| PHI 121S                | 3                        | Introduction to Philosophy                                 | PHL 2050                | 3                        |
| PHI 123S                | 3                        | Introduction to Ethics                                     | PHL 3110                | 3                        |

# WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Edison State Community College

to

Wright State University

Associate of Science

Biochemistry and Molecular Biology  
Bachelor of Science

- Choose one Ohio Transfer 36 Social and Behavioral Sciences 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 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                        |
| 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.
- 120 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                  |               |  |              |                         |                 |   |              |
| BIO                            | 121S          | Intro Biology: Cells/Genetics/<br>Evolution<br><small>Natural &amp; Physical Science Ohio Transfer 36<br/>Elective</small> | 4            | BIO                     | 1120            | Cells and Genes<br><small>Element 6: Natural Science</small>            | 4            |
| CHM                            | 121S          | General Chemistry I<br><small>Natural &amp; Physical Science Ohio Transfer 36<br/>Elective</small>                         | 5            | CHM                     | 1210 +<br>1210L | General Chemistry I + Lab<br><small>Additional Core Course</small>      | 3+2          |
| ENG                            | 121S          | Composition I  | 3            | ENG                     | 1100            | Academic Writing and Reading<br><small>Element 1: Communication</small> | 3            |

# 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 |
| MTH                            | 221S          | Calculus/Analytical Geometry I<br><small>Mathematics, Statistics, &amp; Logic Ohio Transfer 36 Elective</small> | 5            | MTH                     | 2300          | Calculus I + Elective<br><small>Element 2: Mathematics + General Elective Credit</small>                    | 4+1          |
| SPRING SEMESTER                |               |   |              |                         |               |   |              |
| BIO                            | 122S          | Animals, Plants, Ecology<br><small>Elective</small>   | 4            | BIO                     | 1150          | Organisms and Ecosystems<br><small>Element 6: Natural Science</small>                                       | 4            |
| CHM                            | 122S          | General Chemistry II<br><small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>                 | 5            | CHM                     | 1220 + 1220L  | General Chemistry II + Lab<br><small>Additional Core Course</small>   | 3+2          |
| ENG                            | 122S          | Composition II<br><small>Ohio Transfer 36 Elective</small>  | 3            | ENG                     | 2100          | Research Writing and Argumentation<br>(Substitutes for ENG 2130)<br><small>Element 1: Communication</small> | 3            |
| MTH                            | 125S          | General Statistics<br><small>Elective</small>   | 3            | STT                     | 2640          | Elementary Statistics   | 3            |
| <b>Total Hours:</b>            |               |   | <b>32</b>    | <b>Total Hours:</b>     |               |   | <b>32</b>    |

# 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                  |                 |  |              |                         |                 |  |              |
| COM                            | 121S            | Introduction to Communication  | 3            | COM                     | 1010            | Essentials of Public Address<br><small>General Elective Credit</small>   | 3            |
| MUS<br>REL                     | 127S or<br>121S | Music as a World Phenomenon<br>World Religions<br><small>Arts &amp; Humanities Ohio Transfer 36 Elective<br/>Diversity</small>                   | 3            | MUS<br>REL              | 2420 or<br>2320 | Comparative Nonwestern<br>Cultures – Music<br>Nonwestern Religions<br><small>Element 3: Global Traditions</small>    | 3            |
|                                |                 | Ohio Transfer 36 Arts &<br>Humanities Elective   | 3            |                         |                 | Element 4: Arts/Humanities   | 3            |
|                                |                 | Elective<br>(Completed at Wright State<br>through SOCHE Agreement<br>While Studying at Edison State)   | 3            | CHM                     | 2110            | Organic Chemistry I  | 3            |
|                                |                 | Elective<br>(Completed at Wright State<br>through SOCHE Agreement<br>While Studying at Edison State)   | 2            | CHM                     | 2110L           | Organic Chemistry I Lab  | 2            |
| SPRING SEMESTER                |                 |  |              |                         |                 |  |              |
| CIS                            | 110S            | Computer Concepts and<br>Applications  | 3            | CS                      | 1010            | Introduction to Computers and<br>Office Productivity Software<br><small>General Elective Credit</small>              | 3            |
| HST                            | 125S or<br>126S | Western Civilization to 1715<br>Western Civilization Since 1715<br><small>Social &amp; Behavioral Sciences Ohio Transfer 36<br/>Elective</small> | 3            | HST                     | 1100 or<br>1200 | Western Civilizations to 1500<br>The West and the World Since<br>1500<br><small>Element 3: Global Traditions</small> | 3            |
|                                |                 | Ohio Transfer 36 Social &<br>Behavioral Sciences That Is Not<br>History Elective   | 3            |                         |                 | Element 5: Social Science  | 3            |
|                                |                 | Elective<br>(Completed at Wright State<br>through SOCHE Agreement<br>While Studying at Edison State)   | 3            | CHM                     | 2120            | Organic Chemistry II   | 3            |
|                                |                 | Elective<br>(Completed at Wright State<br>through SOCHE Agreement<br>While Studying at Edison State)   | 2            | CHM                     | 2120L           | Organic Chemistry II Lab   | 2            |
| <b>Total Hours:</b>            |                 |  | <b>28</b>    | <b>Total Hours:</b>     |                 |  | <b>28</b>    |

**Total Credit Hours for Associate Degree: 60**

# WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Edison State Community College

to

Wright State University

Associate of Science

Biochemistry and Molecular Biology  
Bachelor of Science

| 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<br>General Physics I           | 4            |
| PHY                     | 1110L or 2400L | Principles of Physics I Lab<br>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<br>General Physics II         | 4            |
| PHY                     | 1120L or 2410L | Principles of Physics II Lab<br>General Physics II Lab | 1            |
|                         |                | MTH/STT Elective                                       | 4            |
|                         |                | General Elective Credit                                | 3            |
| <b>Total Hours:</b>     |                |  | <b>31</b>    |

- 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 |
|------------------------|---------------|--|--------------|
| <b>FALL SEMESTER</b>   |               |  |              |
| 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            |
| <b>SPRING SEMESTER</b> |               |  |              |
| 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            |
|                        |               | General Elective Credit  | 1.5          |
| <b>Total Hours:</b>    |               |  | <b>29</b>    |

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/wrightpath/edison-state](http://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**

# WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Edison State Community College

to

Wright State University

Associate of Science

Biochemistry and Molecular Biology  
Bachelor of Science

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 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 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.



3 Jan 2023

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

Date



1/4/2023

Amy Thompson, Ph.D.  
Provost and Senior Vice President for Academic Affairs  
Wright State University

Date