

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

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

Clark State College

to

Wright State University

Associate of Science

**Biomedical Engineering
Bachelor of Science**



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

| SUBJECT CODE | COURSE NUMBER | CLARK STATE CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|--------------|---------------|-------------------------|---|--|--------------------------|
| CHM | 1210 | 5 | General Chemistry I | CHM 1210 + 1210L <small>Additional Core Course</small> | 3+2 |
| CHM | 1220 | 5 | General Chemistry II | CHM 1220 + 1220L <small>Other Course Requirement</small> | 3+2 |
| COM | 1120 | 3 | Public Speaking I | COM 1010 <small>General Elective Credit (Excess)</small> | 3 |
| ENG | 1111 | 3 | English I | ENG 1100 <small>Element 1: Communication</small> | 3 |
| ENG | 1112 | 3 | English II | ENG 2100 <small>General Elective Credit (Excess)</small> | 3 |
| ENG | 2230 | 3 | Technical Report Writing | EGR 3350 <small>Element 1: Communication</small> | 3 |
| ENG | 2300 | 3 | Great Books: World Literature <small>Arts & Humanities Ohio Transfer 36 Global Awareness</small> | ENG 2040 <small>Element 4: Arts/Humanities</small> | 3 |
| FYE | 1100 | 1 | College Success | UNK 1XXX <small>General Elective Credit</small> | 1 |
| HST | 1110 or 1120 | 3 | Western Civilization to 1600 Western Civilization Since 1600 <small>Arts & Humanities Ohio Transfer 36 Global Awareness</small> | HST 1100 or HST 1200 <small>Element 3: Global Traditions</small> | 3 |
| MTH | 2200 | 5 | Calculus I <small>Mathematics, Statistics, & Logic Ohio Transfer 36</small> | MTH 2300 + Elective <small>Element 2: Mathematics + General Elective Credit</small> | 4+1 |
| MTH | 2220 | 5 | Calculus II <small>Advanced Elective</small> | MTH 2310 + Elective <small>Other Course Requirement + General Elective Credit</small> | 4+1 |
| | | 4 | Differential Equations with Matrix Algebra <small>Elective</small> | MTH 2350 | 4 |

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|--------------|-----------------|-------------------------|---|--|--------------------------|
| | | | (Completed at Wright State through SOCHE Agreement While Studying at Clark State) | | |
| PHY | 2501 | 5 | College Physics I with Calculus <small>Natural Science Ohio Transfer 36</small> | PHY 2400 + 2400L <small>Element 6: Natural Science</small> | 4+1 |
| PHY | 2502 | 5 | College Physics II with Calculus <small>Natural Science Ohio Transfer 36</small> | PHY 2410 + 2410L <small>Element 6: Natural Science</small> | 4+1 |
| RST SOC | 2700 or 2220 | 3 | Regional Studies: Africa Comparing Cultures <small>Social & Behavioral Sciences Ohio Transfer 36 Global Awareness</small> | RST 2710 or ATH 2150 <small>Element 3: Global Traditions</small> | 3 |
| SOC | 1110 | 3 | Introduction to Sociology <small>Social & Behavioral Sciences Ohio Transfer 36 Global Awareness</small> | SOC 2000 <small>Element 5: Social Science</small> | 3 |
| | | 3 | One Ohio Transfer 36 Arts & Humanities Course | General Elective Credit (Excess) (Consult with Clark & Wright State Advisors) | 3 |
| | | 3 | One Ohio Transfer 36 Social & Behavioral Sciences Course | Element 5: Social Science (Consult with Clark & Wright State Advisors) | 3 |
| TOTAL | | 65 | | | 65 |

- Choose one Ohio Transfer 36 Arts and Humanities course from:

| CLARK STATE COURSE | CLARK STATE CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|--------------------|-------------------------|---|-------------------------|--------------------------|
| ART 1001 | 3 | Art History I | ART 1XXX | 3 |
| ART 1002 | 3 | Art History II | ART 1XXX | 3 |
| ART 1300 | 3 | Appreciation of the Arts | ART 2140 | 3 |
| ENG 1600 | 3 | Introduction to Literature | ENG 1XXX | 3 |
| ENG 2610 | 3 | British Literature to 1800 | ENG 3210 or ENG 3220 | 3 |
| ENG 2620 | 3 | British Literature from 1800 to the Present | ENG 3230 | 3 |
| HST 1110 or | 3 | Western Civilization to 1600 | HST 1100 or | 3 |

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|--------------------|-------------------------|---------------------------------|-----------------------|--------------------------|
| HST 1120 | | Western Civilization Since 1600 | HST 1200 | |
| HST 1210 | 3 | American History to 1865 | HST 2110 | 3 |
| HST 1220 | 3 | American History Since 1865 | HST 2120 | 3 |
| MUS 1130 | 3 | Music Appreciation | MUS 2140 | 3 |
| PHL 2000 | 3 | Critical Thinking | PHL 3000 | 3 |
| PHL 2100 | 3 | Ethics | PHL 3110 | 3 |
| PHL 2300 | 3 | Medical Ethics | PHL 2XXX | 3 |
| PHL 2400 | 3 | Philosophy of World Religions | REL 2320 | 3 |
| THE 1130 | 3 | Theatre Appreciation | TH 2140 | 3 |
| THE 1133 | 3 | Script Analysis | TH 2500 | 3 |
| THE 2241 | 3 | Theatre History I | TH 2XXX | 3 |
| THE 2242 | 3 | Theatre History II | TH 2XXX | 3 |

- Choose one Ohio Transfer 36 Social and Behavioral Sciences course from:

| CLARK STATE COURSE | CLARK STATE CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|--------------------|-------------------------|--|---|--------------------------|
| ECO 1100 | 3 | General Economics | EC 2000 | 3 |
| ECO 2210 | 3 | Principles of Macroeconomics | EC 2050 | 3 |
| ECO 2220 | 3 | Principles of Microeconomics | EC 2040 | 3 |
| GEO 1100 | 3 | Human Geography | GEO 2200 | 3 |
| GEO 2200 | 3 | World Regional Geography | GEO 3300 | 3 |
| PLS 1100 | 3 | Introduction to American Politics | PLS 2120 | 3 |
| PLS 1300 | 3 | Introduction to Comparative Politics | PLS 3020 | 3 |
| PLS 2300 | 3 | Introduction to International Relations | PLS 2220 | 3 |
| PLS 2400 | 3 | State and Local Politics | PLS 3220 | 3 |
| PSY 1111 | 3 | Introduction to Psychology | PSY 1010 | 3 |
| RST 2700 | 3 | Regional Studies: Africa | RST 2710 | 3 |
| SOC 2220 | 3 | Comparing Cultures | ATH 2150 <small>Element 3: Global Traditions</small> | 3 |
| SOC 2230 | 3 | Social Problems | SOC 2200 | 3 |
| SOC 2240 | 3 | Racial and Cultural Minorities | SOC 3620 | 3 |
| SOC 2250 | 3 | Sociology of Poverty: Feminization of Poverty | SOC 2XXX | 3 |

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- All students with declared biomedical engineering major are automatically admitted as Pre-Biomedical Engineering students.
- In order to be admitted fully as a biomedical engineering major at Wright State, students will need to earn a cumulative GPA of a 2.25 at Wright State.
- Students must earn a C or higher in CHM 1210, ENG 1111, MTH 2200, and PHY 2501 at Clark State.
- 131 hours minimum are required for a BS degree at Wright State.

| FIRST YEAR | | | | | | | |
|---------------------|---------------|---|--------------|-------------------------|---------------|--|--------------|
| Clark State College | | | | Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| FALL SEMESTER | | | | | | | |
| CHM | 1210 | General Chemistry I | 5 | CHM | 1210 + 1210L | General Chemistry I + Lab <small>Additional Core Course</small> | 3+2 |
| ENG | 1111 | English I | 3 | ENG | 1100 | Academic Writing and Reading <small>Element 1: Communication</small> | 3 |
| FYE | 1100 | College Success | 1 | UNK | 1XXX | Non-Equivalent Transfer Course <small>General Elective Credit</small> | 1 |
| HST | 1110 or 1120 | Western Civilization to 1600 Western Civilization Since 1600 <small>Arts & Humanities Ohio Transfer 36 Global Awareness</small> | 3 | HST | 1100 or 1200 | Western Civilization to 1500 The West and the World Since 1500 <small>Element 3: Global Traditions</small> | 3 |
| MTH | 2200 | Calculus I <small>Mathematics, Statistics, & Logic Ohio Transfer</small> | 5 | MTH | 2300 | Calculus I + Elective <small>Element 2: Mathematics + General Elective</small> | 4+1 |
| SPRING SEMESTER | | | | | | | |
| CHM | 1220 | General Chemistry II | 5 | CHM | 1220 + 1220L | General Chemistry II + Lab <small>Other Course Requirement</small> | 3+2 |
| ENG | 1112 | English II | 3 | ENG | 2100 | Research Writing and Argumentation <small>General Elective Credit (Excess)</small> | 3 |
| MTH | 2220 | Calculus II <small>Advanced Elective</small> | 5 | MTH | 2310 + 2XXX | Calculus II + Elective <small>Other Course Requirement + General Elective Credit</small> | 4+1 |
| PHY | 2501 | College Physics I with Calculus <small>Natural Science Ohio Transfer 36</small> | 5 | PHY | 2400 + 2400L | General Physics I + Lab <small>Element 6: Natural Science</small> | 4+1 |
| SUMMER SEMESTER | | | | | | | |
| COM | 1120 | Public Speaking I | 3 | COM | 1010 | Essentials of Public Address <small>General Elective Credit (Excess)</small> | 3 |
| Total Hours: | | | 38 | Total Hours: | | | 38 |

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| SECOND YEAR | | | | | | | |
|---------------------|---------------|--|--------------|-------------------------|---------------|---|--------------|
| Clark State College | | | | Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| FALL SEMESTER | | | | | | | |
| ENG | 2230 | Technical Report Writing <small>Elective</small> | 3 | EGR | 3350 | Technical Communications for Engineers and Computer Scientists <small>Element 1: Communication</small> | 3 |
| ENG | 2300 | Great Books: World Literature <small>Arts & Humanities Ohio Transfer 36</small> | 3 | ENG | 2040 | Great Books: Literature <small>Element 4: Arts/Humanities</small> | 3 |
| PHY | 2502 | College Physics II with Calculus <small>Natural Science Ohio Transfer 36</small> | 5 | PHY | 2410 + 2410L | General Physics II + Lab <small>Element 6: Natural Science</small> | 4+1 |
| SOC | 1110 | Introduction to Sociology <small>Social & Behavioral Sciences Ohio Transfer 36</small> | 3 | SOC | 2000 | Introduction to Sociology <small>Element 5: Social Science</small> | 3 |
| SPRING SEMESTER | | | | | | | |
| RST SOC | 2700 or 2220 | Regional Studies: Africa Comparing Cultures <small>Social & Behavioral Sciences Ohio Transfer 36 Global Awareness</small> | 3 | RST ATH | 2710 or 2150 | Regional Studies: Africa Comparative Nonwestern Cultures <small>Element 3: Global Traditions</small> | 3 |
| | | Elective <small>(Completed at Wright State through SOCHE Agreement While Studying at Clark State)</small> | 4 | MTH | 2350 | Differential Equations with Matrix Algebra | 4 |
| | | One Ohio Transfer 36 Social & Behavioral Sciences Course | 3 | | | Element 5: Social Science | 3 |
| | | One Ohio Transfer 36 Arts & Humanities Course | 3 | | | General Elective Credit (Excess) | 3 |
| Total Hours: | | | 27 | Total Hours: | | | 27 |

Total Credit Hours for Associate Degree: 65

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| THIRD YEAR | | | |
|-------------------------|---------------|--|--------------|
| Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| FALL SEMESTER | | | |
| ANT | 2100 or 3100 | Human Anatomy and Physiology I (with Lab) Human Structure and Function I (with Lab) | 4 |
| BME | 1110 | Fundamentals of BIE Engineering | 1 |
| CS | 1160 | Introduction to Computer Programming | 4 |
| EE | 2010 | Analog Circuit Theory | 3 |
| EE | 2010L | Analog Circuit Theory Lab | 1 |
| ME | 2120 | Statics | 3 |
| SPRING SEMESTER | | | |
| ANT | 2120 or 3120 | Human Anatomy and Physiology II (with Lab) Human Structure and Function II (with Lab) | 4 |
| EE | 3310 | Electronic Devices and Circuits | 3 |
| EE | 3310L | Electronic Devices and Circuits Lab | 1 |
| EE | 3510 | Continuous and Discrete Linear Systems | 3 |
| ME | 2210 | Dynamics | 3 |
| | | Technical Elective | 3 |
| Total Hours: | | | 33 |

| FOURTH YEAR | | | |
|-------------------------|---------------|----------------------------------|--------------|
| Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| FALL SEMESTER | | | |
| BME | 4440 | Biomaterials | 4 |
| BME | 4550 | Bioinstrumentation | 4 |
| BME | 4703 | Medical Imaging | 4 |
| BME | 4910 | Biomedical Engineering Design I | 3 |
| | | Technical Elective | 3 |
| SPRING SEMESTER | | | |
| BME | 4421 | Biotransport | 3 |
| BME | 4920 | Biomedical Engineering Design II | 3 |
| ISE | 2211 | Statistics for Engineers | 3 |
| | | Technical Elective | 3 |
| | | Technical Elective | 3 |
| Total Hours: | | | 33 |

Total Credit Hours for Bachelor's Degree: 131

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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/clark-state.

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

Transfer to Wright State University

Students must earn a minimum 2.0 GPA from Clark State 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 to the Undergraduate Admission one semester prior to completing their studies at Clark State College.

In order to be admitted fully as a biomedical engineering major at Wright State, students will need to earn a cumulative GPA of a 2.25 at Wright State.

Students must earn a C or higher in CHM 1210, ENG 1111, MTH 2200, and PHY 2501 at Clark State.

2. TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:

Transfer Student Resource Center
Student Union 138
3640 Colonel Glenn Hwy.
Dayton, OH 45435
937-775-5700

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transfer@wright.edu

3. CONTACT INFORMATION

Clark State College
Travis Binkley, Associate Dean
Academic Services
binkleyt@clarkstate.edu
937-431-7157

Wright State University
Transfer Student Resource Center
138 Student Union
3640 Colonel Glenn Hwy.
937-775-5700

This agreement will expire two years from date of signature.



6.15.2022

Dr. Tiffany Hunter
Provost and Vice President of Academic Affairs
Clark State College

Date



6/16/2022

Dr. Amy Thompson
Provost and Senior Vice President for Academic Affairs
Wright State University

Date