

# 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 with Pre-Medicine Concentration  
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](http://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 Additional Core Course	3+2
CHM	1220	5	General Chemistry II	CHM 1220 + 1220L Other Course Requirement	3+2
COM	1120	3	Public Speaking I	COM 1010 General Elective Credit (Excess)	3
ENG	1111	3	English I	ENG 1100 Element 1: Communication	3
ENG	1112	3	English II	ENG 2100 General Elective Credit (Excess)	3
ENG	2230	3	Technical Report Writing	EGR 3350 Element 1: Communication	3
ENG	2300	3	Great Books: World Literature Arts & Humanities Ohio Transfer 36 Global Awareness	ENG 2040 Element 4: Arts/Humanities	3
FYE	1100	1	College Success	UNK 1XXX General Elective Credit	1
HST	1110 or 1120	3	Western Civilization to 1600 Western Civilization Since 1600 Arts & Humanities Ohio Transfer 36 Global Awareness	HST 1100 or HST 1200 Element 3: Global Traditions	3
MTH	2200	5	Calculus I Mathematics, Statistics, & Logic Ohio Transfer 36	MTH 2300 + Elective Element 2: Mathematics + General Elective Credit	4+1
MTH	2220	5	Calculus II Advanced Elective	MTH 2310 + Elective Other Course Requirement + General Elective Credit	4+1

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		4	Differential Equations with Matrix Algebra <small>Elective (Completed at Wright State through SOCHE Agreement While Studying at Clark State)</small>	MTH 2350	4
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
PSY	1111	3	Introduction to Psychology <small>Social &amp; Behavioral Sciences Ohio Transfer 36 Global Awareness</small>	PSY 1010 <small>Element 5: Social Science</small>	3
RST SOC	2700 or 2220	3	Regional Studies: Africa Comparing Cultures <small>Social &amp; 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 &amp; Behavioral Sciences Ohio Transfer 36 Global Awareness</small>	SOC 2000 <small>Element 5: Social Science</small>	3
		3	<b>One Ohio Transfer 36 Arts &amp; Humanities Course</b>	General Elective Credit (Excess) (Consult with Clark & Wright State Advisors)	3
<b>TOTAL</b>		<b>65</b>			<b>65</b>

- 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

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CLARK STATE COURSE	CLARK STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ENG 2620	3	British Literature from 1800 to the Present	ENG 3230	3
HST 1110 or HST 1120	3	Western Civilization to 1600	HST 1100 or HST 1200	3
HST 1210	3	Western Civilization Since 1600	HST 1200	3
HST 1220	3	American History to 1865	HST 2110	3
MUS 1130	3	American History Since 1865	HST 2120	3
PHL 2000	3	Music Appreciation	MUS 2140	3
PHL 2100	3	Critical Thinking	PHL 3000	3
PHL 2300	3	Ethics	PHL 3110	3
PHL 2400	3	Medical Ethics	PHL 2XXX	3
THE 1130	3	Philosophy of World Religions	REL 2320	3
THE 1133	3	Theatre Appreciation	TH 2140	3
THE 2241	3	Script Analysis	TH 2500	3
THE 2242	3	Theatre History I	TH 2XXX	3
	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	3
SOC 2230	3	Social Problems	SOC 2200	3

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CLARK STATE COURSE	CLARK STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
SOC 2240	3	Racial and Cultural Minorities	SOC 3620	3
SOC 2250	3	Sociology of Poverty: Feminization of Poverty	SOC 2XXX	3

- 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.
- 132 hours minimum are required for a BS in Biomedical Engineering degree with Pre-Medicine Concentration 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 Additional Core Course	3+2
ENG	1111	English I	3	ENG	1100	Academic Writing and Reading Element 1: Communication	3
FYE	1100	College Success	1	UNK	1XXX	Non-Equivalent Transfer Course General Elective Credit	1
HST	1110 or 1120	Western Civilization to 1600 Western Civilization Since 1600 Arts & Humanities Ohio Transfer 36 Global Awareness	3	HST	1100 or 1200	Western Civilization to 1500 The West and the World Since 1500 Element 3: Global Traditions	3
MTH	2200	Calculus I Mathematics, Statistics, & Logic Ohio Transfer	5	MTH	2300	Calculus I + Elective Element 2: Mathematics + General Elective	4+1
SPRING SEMESTER							
CHM	1220	General Chemistry II	5	CHM	1220 + 1220L	General Chemistry II + Lab Other Course Requirement	3+2
ENG	1112	English II	3	ENG	2100	Research Writing and Argumentation General Elective Credit (Excess)	3

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Clark State College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
MTH	2220	Calculus II Advanced Elective	5	MTH	2310 + 2XXX	Calculus II + Elective Other Course Requirement + General Elective Credit	4+1
PHY	2501	College Physics I with Calculus Natural Science Ohio Transfer 36	5	PHY	2400 + 2400L	General Physics I + Lab Element 6: Natural Science	4+1
SUMMER SEMESTER							
COM	1120	Public Speaking I	3	COM	1010	Essentials of Public Address General Elective Credit (Excess)	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 &amp; 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 &amp; Behavioral Sciences Ohio Transfer 36</small>	3	SOC	2000	Introduction to Sociology <small>Element 5: Social Science</small>	3
SPRING SEMESTER							
PSY	1111	Introduction to Psychology <small>Social &amp; Behavioral Sciences Ohio Transfer 36 Global Awareness</small>	3	PSY	1010	Introduction to Psychology <small>Element 5: Social Science</small>	3
RST SOC	2700 or 2220	Regional Studies: Africa Comparing Cultures <small>Social &amp; 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 (Completed at Wright State through SOCHE Agreement While Studying at Clark State)	4	MTH	2350	Differential Equations with Matrix Algebra	4
		One Ohio Transfer 36 Arts & Humanities Course	3			General Elective Credit (Excess)	3
<b>Total Hours:</b>			<b>27</b>	<b>Total Hours:</b>			<b>27</b>

**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
BIO	1120	Cells and Genes	4
CHM	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
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
CHM	2120	Organic Chemistry II	3
CHM	2120L	Organic Chemistry II Lab	2
CS	1160	Introduction to Computer Programming	4
SUMMER SEMESTER			
ISE	2211	Statistics for Engineers (Recommended, but not required for the degree program)	0-3
<b>Total Hours:</b>			<b>29-32</b>

FOURTH YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BME	4001	Biochemistry & Molecular Biology (Recommended, but not required for the degree program)	0-3
BME	4703	Medical Imaging	4
EE	2010	Analog Circuit Theory	3
EE	2010L	Analog Circuit Theory Lab	1
		Technical Elective	3
SPRING SEMESTER			
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
<b>Total Hours:</b>			<b>21-24</b>

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FIFTH YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BME	4440	Biomaterials	4
BME	4550	Bioinstrumentation	4
BME	4910	Biomedical Engineering Design I	3
SPRING SEMESTER			
BME	4421	Biotransport	3
BME	4920	Biomedical Engineering Design II	3
<b>Total Hours:</b>			<b>17</b>

Total Credit Hours for Bachelor's Degree: 132-138

## 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](http://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.



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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  
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.



8/1/2022

Dr. Richard Woodfield  
Interim Vice President of Academic Affairs  
Clark State College

Date



8/2/2022

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

Date