

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/clarkstate.

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 Element E: Natural Science	3+2
CHM	1220	5	General Chemistry II	CHM 1220 + 1220L Other Requirement	3+2
COM	1120	3	Public Speaking I	COM 1010 General Elective Credit (Excess)	3
ENG	1111	3	English I	ENG 1100 Element A: Communication	3
ENG	1112	3	English II	ENG 2100 General Elective Credit (Excess)	3
ENG	2230	3	Technical Report Writing	EGR 3350 Element A: Communication	3
ENG	2300	3	Great Books: World Literature Arts & Humanities Ohio Transfer 36 Global Awareness	ENG 2040 Element C: Arts and Humanities	3
FYE	1101	1	College Success	UNK 1XXX General Elective Credit	1
MTH	2200	5	Calculus I Mathematics, Statistics, & Logic Ohio Transfer 36	MTH 2300 + Elective Element B: Mathematics + General Elective Credit	4+1
MTH	2220	5	Calculus II Advanced Elective	MTH 2310 + Elective Element B: Mathematics + General Elective Credit	4+1
		4	Differential Equations with Matrix Algebra Elective (Completed at Wright State through SOCHE Agreement While Studying at Clark State)	MTH 2350 Other Requirement	4
PHY	2501	5	College Physics I with Calculus Natural & Physical Sciences Ohio Transfer 36	PHY 2400 + 2400L Element E: Natural Science	4+1

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PHY	2502	5	College Physics II with Calculus Natural & Physical Sciences Ohio Transfer 36	PHY 2410 + 2410L Element E: Natural Science	4+1
PSY	1111	3	Introduction to Psychology Social & Behavioral Science Ohio Transfer 36 Global Awareness	PSY 1010 Element D: Social and Behavioral Science	3
RST SOC	2700 or 2220	3	Regional Studies: Africa Comparing Cultures Social & Behavioral Science Ohio Transfer 36 Global Awareness	RST 2710 or ATH 2150 Element D: Social and Behavioral Science	3
SOC	1110	3	Introduction to Sociology Social & Behavioral Science Ohio Transfer 36 Global Awareness	SOC 2000 Element D: Social and Behavioral Science	3
		3	One Ohio Transfer 36 Arts & Humanities History Course Global Awareness	Element C: Arts and Humanities - History	3
		3	One Ohio Transfer 36 Arts & Humanities Course	General Elective Credit (Excess) (Consult with Clark & Wright State Advisors)	3
TOTAL		65			65

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

CLARK STATE COURSE	CLARK STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
HST 1110	3	Western Civilization to 1600	HST 1100	3
HST 1120	3	Western Civilization Since 1600	HST 1200	3
HST 1210	3	American History to 1865	HST 2110	3
HST 1220	3	American History Since 1865	HST 2120	3

- 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

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CLARK STATE COURSE	CLARK STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
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 2510	3	American Literature I	ENG 3310	3
ENG 2520	3	American Literature II	ENG 3320	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	3	Western Civilization to 1600	HST 1100	3
HST 1120	3	Western Civilization Since 1600	HST 1200	3
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

- 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 or PHY 2501, ENG 1111, and MTH 2200 at Clark State.
- 136 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 Element E: Natural Science	3+2

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FIRST YEAR							
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SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
ENG	1111	English I	3	ENG	1100	Academic Writing and Reading Element A: Communication	3
FYE	1101	College Success	1	UNK	1XXX	Non-Equivalent Transfer Course General Elective Credit	1
MTH	2200	Calculus I Mathematics, Statistics, & Logic Ohio Transfer 36	5	MTH	2300	Calculus I + Elective Element B: Mathematics + General Elective Credit	4+1
		Ohio Transfer 36 Arts & Humanities History Course Global Awareness	3			Element C: Arts and Humanities – History	3
SPRING SEMESTER							
CHM	1220	General Chemistry II	5	CHM	1220 + 1220L	General Chemistry II + Lab Other Requirement	3+2
ENG	1112	English II	3	ENG	2100	Research Writing and Argumentation General Elective Credit (Excess)	3
MTH	2220	Calculus II Advanced Elective	5	MTH	2310 + 2XXX	Calculus II + Elective Element B: Mathematics + General Elective Credit	4+1
PHY	2501	College Physics I with Calculus Natural & Physical Sciences Ohio Transfer 36	5	PHY	2400 + 2400L	General Physics I + Lab Element E: 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 Elective	3	EGR	3350	Technical Communications for Engineers and Computer Scientists Element A: Communication	3
ENG	2300	Great Books: World Literature Arts & Humanities Ohio Transfer 36 Global Awareness	3	ENG	2040	Great Books: Literature Element C: Arts and Humanities	3
PHY	2502	College Physics II with Calculus Natural & Physical Sciences Ohio Transfer 36	5	PHY	2410 + 2410L	General Physics II + Lab Element E: Natural Science	4+1
PSY	1111	Introduction to Psychology Social & Behavioral Science Ohio Transfer 36 Global Awareness	3	PSY	1010	Introduction to Psychology Element D: Social and Behavioral Science	3
SPRING SEMESTER							
RST SOC	2700 or 2220	Regional Studies: Africa Comparing Cultures Social & Behavioral Science Ohio Transfer 36 Global Awareness	3	RST ATH	2710 or 2150	Regional Studies: Africa Comparative Nonwestern Cultures Element D: Social and Behavioral Science	3
SOC	1110	Introduction to Sociology Social & Behavioral Science Ohio Transfer 36 Global Awareness	3	SOC	2000	Introduction to Sociology Element D: Social and Behavioral Science	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Clark State)	4	MTH	2350	Differential Equations with Matrix Algebra Other Requirement	4
		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

Students may complete the following coursework prior to transferring to Wright State:

SUBJECT CODE	COURSE NUMBER	CLARK STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
BIO	2121 + 2122	4+4	Anatomy and Physiology I Anatomy and Physiology II	ANT 2100 + ANT 2120	4+4
TOTAL		8			8

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- Students may complete ANT 2100/3100 and 2120/3120 after transferring to Wright State; however, they are strongly encouraged to complete ANT equivalent courses prior to transfer because MCAT is typically taken during the spring term of their third/junior year.

THIRD YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
SUMMER SEMESTER			
ANT	2100 or 3100	Human Anatomy and Physiology I (with Lab) Human Structure and Function I (with Lab)	4
ANT	2120 or 3120	Human Anatomy and Physiology II (with Lab) Human Structure and Function II (with Lab)	4
FALL SEMESTER			
BME	4440	Biomaterials	4
CHM	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
CS	1160	Introduction to Computer Programming	4
ME	2120	Statics	3
SPRING SEMESTER			
CHM	2120	Organic Chemistry II	3
CHM	2120L	Organic Chemistry II Lab	2
ISE	2211	Statistics for Engineers	3
ME	3120	Mechanics of Materials	3
Total Hours:			35

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FOURTH YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BME	4470	Design of Medical Devices	3
EE	2010	Analog Circuit Theory	3
EE	2010L	Analog Circuit Theory Lab	1
ISE	4310	Ergonomics	3
		Technical Elective	3
SPRING SEMESTER			
BME	4421	Biotransport	3
CS ISE	3840 or 3540	Applied Machine Learning Introduction to Machine Learning in Engineering Applications	3
EE	3310	Electronic Devices and Circuits	3
EE	3310L	Electronic Devices and Circuits Lab	1
EE	3510	Continuous and Discrete Linear Systems	3
Total Hours:			26

FIFTH YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
BME	4550	Bioinstrumentation	4
BME	4910	Biomedical Engineering Design I	3
SPRING SEMESTER			
BME	4920	Biomedical Engineering Design II	3
Total Hours:			10

Total Credit Hours for Bachelor's Degree: 136

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/clarkstate.

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High School students must be close to graduating 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 or PHY 2501, ENG 1111, and MTH 2200 at Clark 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

Clark State College
Dr. Travis Binkley, Assistant Vice President
Enrollment Services

Wright State University
Transfer Center
138 Student Union

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binkleyt@clarkstate.edu
937-431-7157

3640 Colonel Glenn Hwy.
937-775-5700

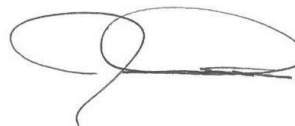
This agreement will expire two years from date of signature.



7.10.2025

Dr. Adrienne Forgette
Vice President of Academic Affairs
Clark State College

Date



7/10/2025

Dr. Jim Denniston
Provost and Senior Vice President for Academic Affairs
Wright State University

Date