

PARTNERSHIP ARTICULATION AGREEMENT

Begin your bachelor's degree at Bluffton University and then transfer seamlessly to Wright State University to complete your bachelor's degree.

Bluffton University

**Pre-Engineering
Bachelor of Science**

to

Wright State University

**Electrical Engineering
Bachelor of Science**

This transfer guide was updated on September 1, 2026.

SUBJECT CODE	COURSE NUMBER	BLUFFTON CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE EQUIVALENT	WRIGHT STATE CREDIT HOUR
ART THE	135	3	Introduction to Visual Arts or Introduction to Theatre	ART 2140 or TH 2140 Element C: Arts and Humanities	3
BENV	100	3	Becoming a Scholar	UNK 1XXX General Elective Credit (Excess)	3
BENV	200	5	Learning in Community	UNK 2XXX General Elective Credit (Excess)	5
CEM	121	5	General Inorganic Chemistry I	CHM 1210 + 1210L Major Requirement	3+2
CMP	110	3	College English	ENG 1100 + Element A: Communication	3
CPS	108	3	Computer Programming	CS 1160 Pre-Major Requirement	3
ECN PLS PLS PSY SOC SOC	141, 100, 251, 110, 152, or 162	3	Principles of Macroeconomics, Introduction to Political Science, American Political Process, Introduction to Psychology, Introduction to Sociology, or Anthropology	EC 2050, PLS 2000, PLS 2120, PSY 1010, SOC 2000, or ATH 1XXX Element D: Social and Behavioral Science	3
HIS	210 or 212	3	World History 1 or World History 2	HST 1100 or HST 1200 Element C: Arts and Humanities - History	3
MAT	135	5	Calculus I	MTH 2300 + Elective Element B: Mathematics + General Elective Credit (Excess)	4+1

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MAT	136	5	Calculus II	MTH 2310 + Elective Element B: Mathematics + General Elective Credit (Excess)	4+1
MAT	225	3	Multivariate Calculus	MTH 2320 Major Requirement	3
MAT	230 + 350	3+3	Linear Algebra + Differential Equations	MTH 2350 + Elective (MTH 2350 Is Awarded after Completing Both MAT 230 and MAT 350) Major Requirement + General Elective Credit	3+3
PHY	150	1	Engineering Seminar	EE 1XXX General Elective Credit (Excess)	1
PHY	211	5	Physics for Science/Engineering I	PHY 2400 + 2400L Element E: Natural Science	4+1
PHY	212	5	Physics for Science/Engineering 2	PHY 2410 + 2410L Element E: Natural Science	4+1
PHY	326, 360, 365, 370, or 375	8	Select Eight Hours of Technical Elective Courses: Thermal/Modern/Nuclear/Quantum Physics, Linear Electronics, Electricity and Magnetism, Quantum Mechanics, or Analytical Mechanics	PHY 3XXX, PHY 3150, PHY 4500, PHY 4600, or PHY 3710 Technical Electives	8
REL	115	3	World Religions	REL 2320 Element C: Arts and Humanities	3
TOTAL		69			69

- All students with declared Electrical Engineering major are automatically admitted as Pre-Electrical Engineering students.
- In order to be admitted fully as an electrical engineering major at Wright State, students will need to achieve a cumulative GPA of a 2.25.
- Students will need to complete the following courses:
 - At Bluffton University: CMP 110 (C or higher) and MAT 135
 - At Wright State: EE 2000/2000L
- 129 hours minimum are required for a BS degree at Wright State.

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FIRST YEAR							
Bluffton University				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
BENV	100	Becoming a Scholar	3	UNK	1XXX	Non-Equivalent Transfer Course General Elective Credit (Excess)	3
CPS	108	Computer Programming	3	CS	1160	Intro to Computer Programming Pre-Major Requirement	3
MAT	135	Calculus I	5	MTH	2300	Calculus I + Elective WSU Core Element B: Mathematics + General Elective Credit (Excess)	4+1
PHY	150	Engineering Seminar	1	EE	1XXX	Non-Equivalent Transfer Course General Elective Credit (Excess)	1
PHY	211	Physics for Science/Engineering I	5	PHY	2400 + 2400L	General Physics I + Lab WSU Core Element E: Natural Science	4+1
SPRING SEMESTER							
CMP	110	College English	3	ENG	1100	Academic Writing and Reading WSU Core Element A: Communication	3
MAT	136	Calculus II	5	MTH	2310	Calculus II + Elective WSU Core Element B: Mathematics + General Elective Credit (Excess)	4+1
MAT	225	Multivariate Calculus	3	MTH	2320	Calculus III Major Requirement	3
PHY	212	Physics for Science/Engineering 2	5	PHY	2410 + 2410L	General Physics II + Lab WSU Core Element E Natural Science	4+1
SUMMER SEMESTER							
ART THE	135	Introduction to Visual Arts or Introduction to Theatre	3	ART TH	2140 or 2140	Themes in Visual Culture or Theatre in Western Culture WSU Core Element C: Arts and Humanities	3
Total Hours:			36	Total Hours:			36

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SECOND YEAR

Bluffton University				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
BENV	200	Learning in Community	5	UNK	2XXX	Non-Equivalent Transfer Course General Elective Credit (Excess)	5
CEM	121	General Inorganic Chemistry I	5	CHM	1210 + 1210L	General Chemistry I and Lab Major Requirement	3+2
ECN PLS PLS PSY SOC SOC	141, 100, 251, 110, 152, or 162	Principles of Macroeconomics, Introduction to Political Science, American Political Process, Introduction to Psychology, Introduction to Sociology, or Anthropology	3	EC PLS PLS PSY SOC ATH	2050, 2000, 2120, 1010, 2000, or 1XXX	Principles of Macroeconomics, Power and Politics, American National Government, Introduction to Psychology, Introduction to Sociology, or Non-Equivalent Transfer Course WSU Core Element D: Social and Behavioral Science	3
REL	115	World Religions	3	REL	2320	Non-Western Religions WSU Core Element C: Arts and Humanities	3
SPRING SEMESTER							
HIS	210 or 212	World History 1 or World History 2	3	HST	1100, or 1200	Western Civilizations to 1500 The West and the World Since 1500 WSU Core Element C: Arts and Humanities - History	3
MAT	230	Linear Algebra	3	MTH	2XXX	Non-Equivalent Transfer Course (MTH 2350 Is Awarded after Completing Both MAT 230 and MAT 350) General Elective Credit	3
MAT	350	Differential Equations	3	MTH	2350	Differential Equations with Matrix Algebra (MTH 2350 Is Awarded after Completing Both MAT 230 and MAT 350) Major Requirement	3
PHY	326, 360, 365, 370, or 375	Technical Electives (8 hours) Thermal/Modern/Nuclear/ Quantum Physics, Linear Electronics, Electricity and Magnetism, Quantum Mechanics, or Analytical Mechanics	5 4 3 3 3	PHY	3XXX, 3150, 4500, 4600, or 3710	Technical Elective (8 hours) Non-Equivalent Transfer Course, Physics Instrumentation + Elective, Electricity and Magnetism I, Introduction to Quantum Mechanics I, or Analytical Mechanics	5 3+1 3 3 3

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Total Hours:	33	Total Hours:	33
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Total Credit Hours at Bluffton University: 69

THIRD YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
EE	2000	Digital Design with HDL	3
EE	2000L	Digital Design with HDL Lab	1
EE	2010	Analog Circuit Theory	3
EE	2010L	Analog Circuit Theory Lab	1
EE	3450	Introduction to Electromagnetics	3
EE	3450L	Electromagnetics Lab	1
EGR	3350	Technical Communications for Engineers and Computer Scientists Element A: Communication	3
SPRING SEMESTER			
EE	3210	Continuous Linear Systems	3
EE	3310	Electronic Devices and Circuits	3
EE	3310L	Electronic Devices and Circuits Lab	1
EE	4000	Discrete Linear Systems	3
EE	4620	Digital Integrated Circuit Design with PLDs and FPGAs	3
EE	4620L	Digital Integrated Circuit Design with PLDs and FPGAs Lab	1
SUMMER SEMESTER			
UVC	1025	US Civic Literacy Civics Requirement	3
Total Hours:			32

- Under this agreement, the Department automatically approves concurrent enrollment in EE 2010/2010L, EE 3260, EE 3450/3450L, and EE 4910.

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FOURTH YEAR

Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
EE	3260	Random Signals and Noise	3
EE	4130	Continuous Controls Systems	3
EE	4130L	Continuous Controls Systems Lab	1
EE	4910	Electrical Engineering Senior Design Project I	3
EE		Technical Elective EE 4000 Level	4
SPRING SEMESTER			
EE	4920	Electrical Engineering Senior Design Project II	3
EE		Technical Elective EE 4000 Level	4
EE		Technical Elective EE 4000 Level	4
		Element D: Social and Behavioral Science Integrated Writing	3
Total Hours:			28

Total Credit Hours for Bachelor's Degree: 129

1. ADMISSIONS AND DEADLINES

Transfer to Wright State University

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**

In order to be admitted fully as an electrical engineering major at Wright State, students will need to achieve a cumulative GPA of a 2.25. In addition, students will need to complete the following courses:

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- At Wright State: EE 2000/2000L

2. CONTACT INFORMATION

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*Bluffton University
The Health Sciences, Natural Sciences,
and Mathematics
Centennial Hall 314
1 University Drive Bluffton, OH
harnishs@bluffton.edu
419-358-3294*

*Wright State University
Transfer Center
138 Student Union
3640 Colonel Glenn Hwy. Dayton, OH
transfer@wright.edu
937-775-5700*

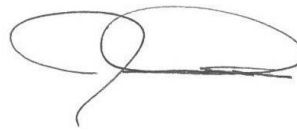
This agreement will expire two years from date of signature.

Mary K. Robinson

9/9/2026

Mary Robinson, Ph.D.
Vice President and Dean of Academic Affairs
Bluffton University

Date



9/9/2026

Jim Denniston, Ph.D.
Provost and Vice President of Academic Affairs
Wright State University

Date