

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

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

Sinclair College

to

Wright State University

**Geospatial Technology
GIS Analyst Pathway
Associate of Applied Science**

**Information Technology and
Cybersecurity
Bachelor of Science**



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

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
AVT	1120	2	Electro-Optical & Infrared Data Analysis	UNK 1XXX General Elective Credit (Excess)	2
AVT	1121	2	Multispectral & Hyperspectral Data Analysis	UNK 1XXX General Elective Credit (Excess)	2
CIS	2165	3	Database Management	CS 3700	3
CIS	2266	3	Python for Data Analytics	CS 2XXX Technical Elective	3
CIS	2268	3	Structured Query Language (SQL) Programming <small>Pathway Course</small>	Non-Transferable (Duplicate Credit for CS 3700)	0
COM	2211	3	Effective Public Speaking	COM 1010 Additional Core Course	3
EET EET GEO	1121 and 1158, or 1215	1+2 3	UAS Remote Sensing & Analysis Aerospace Spatial Visualization Introduction to Remotely Sensed Imagery <small>Pathway Course</small>	GEO 1XXX General Elective Credit (Excess)	3
ENG	1101	3	English Composition I	ENG 1100 Element 1: Communication	3
GEO	1101	3	Global Forces, Local Diversity	GEO 2200 Element 5: Social Science	3
GEO	1102	4	Earth's Physical Environment	GEO 2100 + General Elective Credit General Elective Credit (Excess)	3+1
GEO	1103 and 1104, OR 1107	2+2 4	Introduction to Geographic Information System I Introduction to Geographic Information System II Introduction to Geographic Information System	GEO 4430	4

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GEO	1201	3	World Regional Geography: People, Places, & Globalization <small>Social & Behavioral Sciences Ohio Transfer 36 Elective</small>	GEO 3300 <small>General Elective Credit</small>	3
GEO	1209	4	Map Design and Visualization	GEO 4410	4
GEO	1212	3	Geospatial Data Acquisition & Management	GEO 1XXX <small>General Elective Credit</small>	3
GEO	2210	4	Advanced Spatial Analysis	GEO 4440 <small>General Elective Credit</small>	4
GEO	2600 or 2700	3	Geospatial Technology Capstone Geospatial Technology Internship	GEO 2XXX <small>General Elective Credit</small>	3
HIS	1111 or 1112	3	Western Civilization I Western Civilization II <small>Arts & Humanities OTM Elective</small>	HST 1100 or HST 1200 <small>Element 3: Global Traditions</small>	3
MAT	1450	4	Introductory Statistics <small>Mathematics, Statistics, & Logic Ohio Transfer 36 Elective</small>	STT 2640 <small>Additional Core Course</small>	4
MAT	1470	3	College Algebra	MTH 1280 <small>General Elective Credit</small>	3
SCC	1101	1	First Year Experience	UNK 1XXX <small>General Elective Credit</small>	1
TOTAL		61			58

- Choose one Ohio Transfer 36 Social and Behavioral Sciences course from (Consult with your Sinclair and Wright State advisors for additional course options):

SINCLAIR COURSE	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
AFR 1100	3	African-American Studies	AFS 2000 <small>Element 3: Global Traditions</small>	3
ECO 2160	3	Principles of Macroeconomics	EC 2050	3
ECO 2180	3	Principles of Microeconomics	EC 2040	3
HIS 2219	3	Survey of the Middle East	RST 2910 <small>Element 3: Global Traditions</small>	3
PLS 1120	3	American Federal Government	PLS 2120	3
PLS 1232	3	State & Local Government	PLS 3220	3
PLS 2200	3	Political Life, Systems & Issues	PLS 2000	3

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PLS 2220	3	International Relations	PLS 2220	3
PSY 1100	3	General Psychology	PSY 1010	3
PSY 1160	3	Black Psychology	PSY 1XXX	3
SOC 1101	3	Introduction to Sociology	SOC 2000	3
SOC 1117	3	Popular Culture	SOC 1XXX	3
SOC 1145	3	Introduction to Cultural Anthropology	ATH 2150 <small>Element 3: Global Traditions</small>	3
SOC 1219	3	Global Poverty	SOC 1XXX	3

- All students with declared information technology and cybersecurity major are automatically admitted as Pre-Information Technology and Cybersecurity students.
- In order to be admitted fully as an information technology and cybersecurity major at Wright State, students will need to achieve a cumulative GPA of a 2.25 at Wright State.
- Students must earn a C or higher in CIS 2212 and ENG 1101 at Sinclair.
- Students must earn a C or higher in CEG 2350 at Wright State.
- Students must earn a C or higher in MTH 2240, MTH 2280, MTH 2300, or EGR 1010 at Wright State.
- 134 hours minimum are required for a BS degree at Wright State.

FIRST YEAR							
Sinclair College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
ENG	1101	English Composition I	3	ENG	1100	Academic Writing and Reading <small>Element 1: Communication</small>	3
GEO	1101	Global Forces, Local Diversity	3	GEO	2200	Human Geography <small>Element 5: Social Science</small>	3
GEO	1102	Earth's Physical Environment	4	GEO	2100	Physical Geography + General Elective Credit <small>General Elective Credit (Excess)</small>	3+1
GEO	1103 + 1104 or 1107	Introduction to Geographic Information Systems I Introduction to Geographic Information Systems II Introduction to Geographic Information Systems	4	GEO	4430	Geographic Information Systems <small>General Elective Credit</small>	4
SCC	1101	First Year Experience	1	UNK	1XXX	Non-Equivalent Transfer Course <small>General Elective Credit</small>	1

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SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
SPRING SEMESTER							
CIS	2165	Database Management	3	CS	3700	Introduction Oracle/SQL Databases	3
CIS	2266	Python for Data Analytics	3	CS	2XXX	Non-Equivalent Transfer Course <small>Technical Elective</small>	3
GEO	1201	World Regional Geography: People, Places, & Globalization	3	GEO	3300	World Regional Geography <small>General Elective Credit</small>	3
GEO	1212	Geospatial Data Acquisition & Management	3	GEO	1XXX	Non-Equivalent Transfer Course <small>General Elective Credit</small>	3
GEO	2210	Advanced Spatial Analysis	4	GEO	4440	Advanced GIS Applications <small>General Elective Credit</small>	4
Total Hours:			31	Total Hours:			31

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SECOND YEAR							
Sinclair College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
AVT	1120	Electro-Optical & Infrared Data Analysis	2	UNK	1XXX	Non-Equivalent Transfer Course <small>General Elective Credit (Excess)</small>	2
CIS	2268	Structured Query Language (SQL) Programming <small>Pathway Course</small>	3	CS	3700	Non-Transferable (Duplicate Credit for CS 3700)	0
COM	2211	Effective Public Speaking	3	COM	1010	Essentials of Public Speaking <small>Additional Core Course</small>	3
GEO	1209	Map Design and Visualization	4	GEO	4410	Cartography <small>General Elective Credit</small>	4
MAT	1470	College Algebra	3	MTH	1280	College Algebra <small>General Elective Credit</small>	3
SPRING SEMESTER							
AVT	1121	Multispectral & Hyperspectral Data Analysis	2	UNK	1XXX	Non-Equivalent Transfer Course <small>General Elective Credit (Excess)</small>	2
EET EET GEO	1121 + 1158, OR 1215	UAS Remote Sensing & Analysis Aerospace Spatial Visualization Introduction to Remotely Sensed Imagery <small>Pathway Course</small>	3	GEO	1XXX	Non-Equivalent Transfer Course <small>General Elective Credit (Excess)</small>	3
GEO	2600 or 2700	Geospatial Technology Capstone Geospatial Technology Internship	3	GEO	2XXX	Non-Equivalent Transfer Course <small>General Elective Credit</small>	3
HIS	1111 or 112	Western Civilization I Western Civilization II <small>Arts & Humanities Ohio Transfer 36 Elective</small>	3	HST	1100 or 1200	Western Civilization to 1500 The West and the World Since 1500 <small>Element 3: Global Traditions</small>	3
MAT	1450	Introductory Statistics <small>Mathematics, Statistics, & Logic Ohio Transfer 36 Elective</small>	4	STT	2640	Elementary Statistics <small>Additional Core Course</small>	4
Total Hours:			30	Total Hours:			27

Total Credit Hours for Associate Degree: 61 (58 Hours of Transferable Credit)

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Students must complete the following coursework at Sinclair in order to graduate from Wright State in a timely manner:

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
CIS	1130	3	Network Fundamentals	CEG 2400	3
CIS	1350	3	Web Site Development with HTML & CSS	CS 2800	3
CIS	2212	3	Java Software Development I	CS 1180	3
TOTAL		9			9

- Students must earn a C or higher in CIS 2212.

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THIRD YEAR

Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
CEG	2350	Operating System Concepts and Usage	4
CS	1000	Technology and Society Element 3: Global Traditions Multicultural Competence Integrated Writing	3
CS	1150	Introduction to Computer Science Element 6: Natural Science	4
EGR MTH MTH MTH	1010, 2240, 2280, or 2300	Choose One: Introductory Mathematics for Engineering Applications Applied Calculus Business Calculus Element 2: Mathematics	4
SPRING SEMESTER			
CEG	2410	System Administration	3
CEG	3400	Introduction to Cyber Security	3
CEG	3410	Introduction to Digital Forensics	3
CS	3170	Mobile Application Development	3
CEG/CS		Technical Elective	3
EGR ENG	3350 or 2140	Technical Communications for Engineers and Computer Scientists Research, Technical Writing, and Presentation for Scientists and Engineers Element 1: Communication	3
Total Hours:			33

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FOURTH YEAR

Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
CEG	4424	Security Attacks and Defenses	3
CEG	4430	Cyber Network Security	3
CEG	4980	Team Projects I	3
CEG/CS		Technical Elective 4000 Level	3
CEG/CS		Technical Elective	3
		Element 5: Social Science	3
SPRING SEMESTER			
CEG	4981	Team Projects II	3
CEG/CS		Technical Elective 4000 Level	3
CEG/CS		Technical Elective	3
		Element 4: Arts/Humanities Multicultural Competence Integrated Writing	3
		Element 6: Natural Science	4
Total Hours:			34

Total Credit Hours for Bachelor's Degree: 134

1. ADMISSIONS AND DEADLINES

Join the Wright Path Program

Students interested in applying to the Wright Path must submit a request for membership at wrightpath/sinclair.

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

Transfer to Wright State University

Students must earn a minimum 2.0 GPA from Sinclair 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:

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Fall Semester: **April 1**
Spring Semester: **October 15**
Summer Semester: **February 1**

Students must apply for undergraduate admission one semester prior to completing their studies at Sinclair College.

In order to be admitted fully as an information technology and cybersecurity major at Wright State, students will need to achieve a cumulative GPA of a 2.25 at Wright State.

Students must earn a C or higher in CIS 2212 and ENG 1101 at Sinclair.

2. TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:


Transfer Center
Student Union 138
3640 Colonel Glenn Hwy.
Dayton, OH 45435
937-775-5700
transfer@wright.edu

3. CONTACT INFORMATION

Sinclair College
Academic Advising Center
Building 10-301
444 W. Third St.
937-512-3700

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

This agreement will expire two years from date of signature.


Anthony M. Ponder, Ed.D.
Senior Vice President and Provost
Sinclair College

5/26/2023
Date


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

5/31/2023
Date