

<b>WCTC Program:</b>	<b>Associate of Applied Science Degree AI Data Specialist</b>	<b>CUW Program:</b>	<b>Bachelor of Science in Applied Computer Science</b>
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The following evaluation is based upon requirements for completion of a bachelor's degree.

WCTC Program	CUW Requirements	WCTC Completed	CUW Credits Needed
<b>CUW MAJOR CURRICULUM</b>	36 Credits	12 Credits	24 Credits
<b>ELECTIVES</b>	54 Credits	38 Credits	16 Credits
<b>TRANSFER CORE</b>	30 Credits	12 Credits	18 Credits
<b>TOTAL CRS. NEEDED FOR BACHELOR'S DEGREE</b>	<b>120 Credits</b>	<b>62 Credits</b>	<b>58 Credits</b>

MAJOR – 36 Credits Needed CUW Applied Computer Science Courses already completed at WCTC				
CUW Required Course Name	CUW Required Course Number	Credits	WCTC Courses Earned	WCTC Credits Earned
Artificial Intelligence	CSC 3400	3	Business Applications of AI	3
Advanced Database and Web Development	CSC 4060	3	Advanced SQL 156-102	3
Database Fundamentals	CSC 3030	3	Data Modeling 156-107 & Intro to SQL 156-109*	3*
Capstone Project	CSC 4950	3	AI Capstone*	3
<b>Total Credits Earned</b>				<b>12</b>

MAJOR Cont. Communication and Leadership Courses to be taken at CUW			
CUW Required Course Name	CUW Required Course Number	Credits Needed at CUW	
Theory and Fundamentals of Computer Science	CSC 1070	3	
Coding I – Fundamentals	CSC 2000	3	
Coding II – Algorithms	CSC 2050	3	
Coding III - Data Structures	CSC 4400	3	
Machine Learning and Robotics	CSC 2400	3	
Operating Systems	CSC 3050	3	
Software Engineering	CSC 3070	3	
Cybersecurity	CSC 3600	3	
<b>Total Credits Needed</b>			<b>24</b>

ELECTIVES – 54 Credits Needed WCTC COURSES TRANSFERRING AS ELECTIVES		
WCTC Course	WCTC Course #	WCTC Credits
Computer Vision	156-115	2
Predictive Analytics	156-112	2
Data Concepts	156-119	2
Python Programming	152-101	1
Natural Language Processing	156-116	2
Python Data Manipulation	156-113	2
IT Internship	107-123	2
Intro to Operational Tech	605-133	2
Operational Tech Applications	664-158	2
Industrial Data Acquisition	664-150	3
Big Data Engineering	156-117	3
Intro to Data Analytics	156-111	2
Data Visualization & Reporting	156-110	2
Network Fundamentals	150-190	2
Technical Reporting	801-197	3
Employment Success	890-108	1
AI Capstone	156-118	1
Math & Logic	804-133	3
Intro to SQL*	156-109	1
<b>Total Credits Earned</b>		<b>38</b>

TRANSFER CORE – 30 CREDITS CUW REQUIREMENTS						
WCTC Course	CUW Course	CUW Course Name	CUW Subject Area / Credits	Credits	WCTC Credits Earned	CU Credits Needed
n/a	REL 1590	Heritage of Faith	Faith & Life (6)	3	n/a	3
n/a	REL 2030	Biblical Theology		3	n/a	3
<b>801-136 English Composition 1</b>	<b>ENG 2100</b>	<b>College Writing</b>	<b>Communication &amp; Language (6)</b>	<b>3</b>	<b>3</b>	<b>0</b>
				3	0	3
			Natural World – Science with a lab (3)	3	0	3
<b>804-189 Introductory Statistics</b>	<b>BUS 3450</b>	<b>Business Statistics</b>	<b>Natural World – Mathematics (3)</b>	<b>3</b>	<b>3</b>	<b>0</b>
				3	0	3
<b>809-143 Microeconomics</b>	<b>ECON 2100</b>	<b>Microeconomics</b>	<b>Society &amp; Culture (6)</b>	<b>3</b>	<b>3</b>	<b>0</b>
<b>809-198 Intro to Psychology</b>	<b>PSY 1010</b>	<b>General Psychology</b>	<b>Human Beings &amp; Being Human – Social World (3)</b>	<b>3</b>	<b>3</b>	<b>0</b>
			Human Creativity & Expression (3)	3	0	3
<b>Total Credits Needed</b>				<b>30</b>	<b>12</b>	<b>18</b>

ADDITIONAL NOTES
WCTC Course Intro to SQL 156-109* was split in two sections. 1 credit will be awarded as part of the Major Core, while the remaining 1 credit will be awarded as part of an Elective.
<b>Updated: 1.27.25</b>