

CCBC AS Computer Science to RMU BS Cybersecurity



CCBC Degree Requirements			RMU Degree Requirements Equivalencies			
CCBC COURSEWORK			RMU UNIVERSITY CORE REQUIREMENTS			
Designation	Course Number	Course Title	Designation	Course Number	Course Title	Credits
WRIT	101	English Composition	CSEN	1010	Reading & Writing Strategies	3
COMM	201	Public Speaking	CSCM	1030	Public Speaking & Persuasion	3
TAOC 5	___	Restrict to BUSM 255 or 256	ECON	1010	Survey of Economics	3
TAOC 6	___	Restrict to LITR courses	ENGL	___	Literature Elective	3
TAOC 5	___	Restrict to HIST courses	HIST	___	History Elective	3
TAOC 6	___	Restrict to FINE, MUSI, PHIL, SPAN	HUMA	1010	Humanities: Art and Music	3
CIST/DATA	100	Intro to IT/Survey of Data Science	INFS	1020	Fundamentals Of Information Technology	3
MATH	126	Statistics (4)*	STAT	2110	Statistics	3
BIOL/CHEM	101	General Biology I OR Chemistry I*	___	___	Natural Science Elective	3
CCBC COURSEWORK			RMU MAJOR & CONCENTRATION REQUIREMENTS			
Designation	Course Number	Course Title	Designation	Course Number	Course Title	Credits
CISW	205	Programming in C#	INFS	3240	Python Programming Language	3
CISW	214	Database Principles & Applications	INFS	4240	Database Management Systems	3
CISW	201	Object Oriented Programming I	INFS	2420	Fundamentals of Programming	3
CISW	206	Server-Side Programming Languages	CYBS	2010	Server-Side Programming Languages	3
MATH	205	Foundations of Discrete Mathematics*	INFS	3450	Discrete Mathematics for Computing	3
CCBC COURSEWORK			RMU OPEN ELECTIVES			
Designation	Course Number	Course Title	Designation	Course Number	Course Title	Credits
BIOL/CHEM	102	General Biology II OR Chemistry II	___	___	Open Elective	4
CISW	101	Client-Side Scripting Languages	___	___	Open Elective	3
MATH	160	Calculus I	___	___	Open Elective	4
CISW	215	Distributed Database Systems	___	___	Open Elective	3
MATH	205	Foundations of Discrete Mathematics*	___	___	Open Elective	1
MATH	126	Statistics (4)*	___	___	Open Elective	1
BIOL/CHEM	101	General Biology I OR Chemistry I*	___	___	Open Elective	1
RMU REMAINING COURSEWORK (Degree Requirements = 120 Credits)						
Designation	Course #	Course Title	Designation	Course #	Course Title	
CSEN	1020	Argument & Research	CSCM	2040	Prof. Comm. in Workplace	
PSYC	1010	General Psychology	SOCI	1010	Principles of Sociology	
CBYS	2000	Introduction to Cybersecurity	INFS	2020	Operating Systems	
CYBS	3120	Introduction to Digital Forensics	INFS	3235	Network Security	
CYBS	3170	Cyberlaw	CYBS	4250	Data Security & Cryptography	
CYBS	3220	Secure System Design	CYBS	4300	Cybersecurity Risk Management	
INFS	3230	Computer Networking	CYBS	4350	Cybersecurity Policy	
___	___	Concentration Requirement (1 of 4)**	CYBS	4360	Emerging Topics in Cybersecurity	
___	___	Concentration Requirement (2 of 4)**	INFS	4370	IT Governance and Ethics	
___	___	Concentration Requirement (3 of 4)**	___	___	Concentration Requirement (4 of 4)**	
___	___	Open Elective (1)				

Minimum grade of "C" must be earned for transfer credit to be applied by RMU.

TOTAL CCBC CREDITS APPLIED	62
TOTAL RMU CREDITS REMAINING	58

*1 credit from 4 credit course applied to Open Electives, only applies when 4 credit course completed at CCBC.

** See [here](#) for course options.

***Choose 1 of the following: ENGL 2030 - African American Literature, ENGL 2055 World Literature OR ENGL 2080 Women & Literature

CREDIT NOT APPLIED TO DEGREE	
CISW 202: Object Oriented Prog. II	3
Total	3

For more information or to speak with an RMU Transfer Counselor, contact the [RMU Admissions Office](mailto:admissions@rmu.edu) at admissions@rmu.edu.