

CCBC AS Computer Science to RMU BS CIS



| 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 |
| TAOC 3 | _____ | Restrict to 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 | 101 | Client-Side Scripting Languages | INFS | 2470 | Decision Support Systems | 3 |
| CISW | 201 | Object Oriented Programming I | INFS | 2420 | Fundamentals of Programming | 3 |
| CISW | 206 | Server-Side Programming Languages | INFS | 3115 | Mobile Application Development | 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 | 202 | Object Oriented Programming II | _____ | _____ | Open Elective | 3 |
| MATH | 160 | Calculus I | _____ | _____ | Open Elective | 4 |
| CISW | 215 | Distributed Database Systems | _____ | _____ | Open Elective | 3 |
| 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 | |
| INFS | 1030 | Foundations of Information Sys. Mgmt. | INFS | 3115 | Mobile App Development | |
| CYBS | 2000 | Introduction to Cybersecurity | INFS | 3500 | Network Management and Administration | |
| INFS | 2020 | Operating Systems | INFS | 3510 | Introduction to Data Analytics | |
| MGMT | 2000 | Management: Theory and Practice | INFS | 4225 | Enterprise Resource Planning | |
| INFS | 3220 | Systems Analysis and Design | IINFS | 4370 | IT Governance and Ethics | |
| INFS | 3230 | Computer Networking | INFS | 4850 | Capstone | |
| _____ | _____ | Concentration Requirement (1 of 4)** | _____ | _____ | Concentration Requirement (4 of 4)** | |
| _____ | _____ | Concentration Requirement (2 of 4)** | _____ | _____ | Open Elective (1 credit) | |
| _____ | _____ | Concentration Requirement (3 of 4)** | | | | |

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

*1 credit from 4 credit course applied to Open Electives as necessary.

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

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| TOTAL CCBC CREDITS APPLIED | 59 |
| TOTAL RMU CREDITS REMAINING | 61 |

| CREDIT NOT APPLIED TO DEGREE | |
|---------------------------------------|----------|
| CISW 206: Server-Side Prog. Languages | 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.