# CCBC AS Computer Science to RMU BS Computer Science

| CCBC Degree Requirements | | | RMU Degree Requirements Equivalencies | | | |
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| **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 (no COMM 110) | CSCM | 1030 | Public Speaking & Persuasion | 3 |
| BUSM | 255/256 | Macro/Micro Economics (TAOC 5) | ECON | 1010 | Survey of Economics | 3 |
| ____ | ____ | TOC 6 Literature Elective | ENGL | ____ | Literature Elective | 3 |
| PHIL | 101 | Approved sub for CIST 100: Intro to IT | HUMA | 1010 | Humanities: Art and Music | 3 |
| PSYC | 101 | Approved sub for MAT 130: College Alg. | PSYC | 1010 | General Psychology | 3 |
| SOCI | 101 | Approved sub for BUSM 260: Proj. Mgmt. | SOCI | 1010 | Principles of Sociology | 3 |
| ____ | ___ | Restrict to HIST, PSYC, OR SOCI (TAOC 5) | ____ | ____ | History, Psychology, or Sociology | 3 |
| MATH | 160 | Calculus I (4) (TAOC 3) | MATH | 2070 | Calculus w/ Analytic Geometry I | 4 |
| PHYS | 101 | College Physics I | PHYS | 1210/1215 | General Physics w/ Lab I | 4 |
| **CCBC COURSEWORK** | | | **RMU MAJOR & CS ELECTIVE REQUIREMENTS** | | | |
| Designation | Course Number | Course Title | Designation | Course Number | Course Title | Credits |
| CISW | 214 | Database Principles & Applications | INFS | 4240 | Database Management Systems | 3 |
| CISN | 203 | Linux Operating Systems | INFS | 2020 | Operating Systems | 3 |
| CISW | 201 | Object Oriented Programming I | INFS | 2151 | Java Programming | 3 |
| ENGR | 130 | Robotics | INFS | ____ | CS Elective | 3 |
| CIST | 110 | Gaming | INFS | ____ | CS Elective | 3 |
| CISW | 218 | App Development | INFS | ____ | CS Elective | 3 |
| CISW | 150 | Cloud Computing | INFS | ____ | CS Elective | 3 |
| CISW | 200 | Python | INFS | ____ | CS Elective | 3 |
| CIST | 260 | Internship | INFS | ____ | CS Elective | 3 |

| RMU REMAINING COURSEWORK (Degree Requirements = 120 Credits) | | | | | |
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| Designation | Course # | Course Title | Designation | Course # | Course Title |
| CSEN | 1020 | Argument & Research | CSCM | 2040 | Prof. Comm. in Workplace |
| MATH | 2170 | Calculus w/ Analytic Geometry II (4) | CSCI | 1010 | Introduction to Computer Science |
| ENGR/INFS | ____ | One from: ENGR 3430, INFS 3252 or 3285 | CSCI | 3240 | Computing Theory and Compiler |
| PHYS | 2110/2115 | General Physics w/ Lab II (4) | MATH | 3400 | Linear Algebra |
| MATH | 4000 | Discrete Mathematics | CSCI | 4830 | Intelligent Systems and Automation |
| ENGR | 3440 | Data Structures and Algorithms (4) | ENGR | 4450 | Distributed Systems Implementation |
| ENGR | 3410 | Fundamentals of Software Programming | CSCI | 4920 | Special Topics in Computer Science |
| STAT | 3140 | Probability and Math Statistics | CSCI | 4941 | Computer Science Capstone I (1) |
| CSCI | 4230 | Algorithms Design and Analysis | CSCI | 4942 | Computer Science Capstone II |
| ENGR | 3420 | Computer Architecture for S/W Engr. | INFS | 3230 | Computer Networking |

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

Go here to learn more about the RMU BS Computer Science degree.

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| **TOTAL CCBC CREDITS APPLIED** | 59 |
| **TOTAL RMU CREDITS REMAINING** | 64 |

| CREDIT NOT APPLIED TO DEGREE | |
|---|---|
| CISW 205: Programming in C# | 3 |
| Total | 3 |

**For more information or to speak with an RMU Transfer Counselor, contact the RMU Admissions Office at admissions@rmu.edu.**