

**Community College of Baltimore County (CCBC) AS in Computer Science Area Concentration - Information Systems Management to University of Baltimore (UB) BS in Applied Information Technology
Transfer Guide**

CCBC coursework

General Education Requirements (23 credits)

CSIT-111 Logic and OO Design	3 credits
ENGL-101 College Composition I	3 credits
MATH-251 ⁴ Calculus I ¹	4 credits
Arts & Humanities	3 credits
Second Arts & Humanities	3 credits
ECON-201 Introduction to Macro-Economic Principles	3 credits
ECON-202 Introduction to Micro-Economic Principles	3 credits
Biological and Physical Sciences (with lab)	4 credits
Biological and Physical Sciences (without lab)	3 credits

Program Requirements and Electives

CSIT-210 ⁴ Introduction to Programming	4 credits
CSIT-211 ⁴ Advanced Programming	4 credits
ACCT-101 Principles of Accounting I	3 credits
ACCT-102 Principles of Accounting II	3 credits
MATH-243 ⁴ Discrete Mathematics	4 credits
MNGT-105 Principles of Management	3 credits
DCOM-142 ⁴ Introduction to Linux/UNIX ¹	3 credits
CSIT212 Visual Basic Prgramming ¹	
OR CSIT-214 C++ Programming ¹	4 credits
OR CSIT-267 iOS Application Development ¹	
ENGL-102 College Composition II ¹	3 credits
	<u>3 credits</u>
	60 credits²

UB Equivalency

GenEd Elective
WRIT-101
MATH-201/GenEd Math
GenEd Art/Humanities
GenEd Art/Humanities
GenEd Social/Behavioral
GenEd Social/Behavioral
GenEd Physical Science
GenEd Physical Science



Remaining coursework at UB

General Education Requirements

IDIS-302 Ethical Issues in Busines and Society	3 credits
WRIT 300 Composition and Research ³	3 credits

Applied Information Technology Requirements

COSC-155 Internet Technologies: Mastering the Basics	3 credits
COSC-210 Computer Hardward/Software Support	3 credits
COSC-310 Fundamentals of Computer Networks	3 credits
COSC-312 Admin. & Supporting a Network Operating System	3 credits
OR COSC-412 Unix/Linux Administration	3 credits
COSC-324 Desinging for Humans	3 credits
COSC-332 Fundamentals of Computer Security	3 credits
COSC-351 Object-Oriented Programming	3 credits
COSC-356 Database Systems	3 credits
COSC-401 The TCP/IP Protocol Suite	3 credits
COSC-461 IT Project Management	3 credits
COSC-490 Practicum in Information Technology	3 credits

Math Courses

MATH-303 Applied Probability and Statistics	3 credits
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Track coursework

Application Development and Programming Track	18 credits
OR Information Security and Assurance Track	
	<u>120 credits</u>

¹ Strongly recommended

² All 60 credits from CCBC's AS degree in Computer Science Area Concentration - Information Systems Management transfers into UB's BS degree in Applied Information Technology

³ This course requires a Upper-Division Writing Placement Test

⁴ Must receive a grade of C or better (major course)

⁵Capstone course - taken in final semester

UB transfers a maximum of 63 credits from CCBC

Fall 2016-17 academic school year