

## Mission College 2022-2023

This list includes only the requirements that are commonly seen in transfer and is not a comprehensive list of all the course requirements within the BS Competency-Based Information Technology program. For a complete list of program requirements, please refer to the University of Massachusetts Global catalog.

Further information regarding the courses below can be found in the University of Massachusetts Global [Course Articulation Database \(CAD\)](#).

**All courses must be taken for a grade of B- or higher in order to apply toward competencies. Courses may be used to fulfill both major and general education requirements.**

University of Massachusetts Global Course		Equivalent Courses	Equivalent Competencies
<b>General Education</b>			
ENGU 103	Freshman Rhetoric	ENG 001A	ENGC 103
ENGU 104	Writing about Literature	ENG 001B	ENGC 104
COMU 101	Public Speaking I	COM 001, 001H	COMC 101
COMU 410	Organizational Communication	BUS 078B	COMC 410
MATU 103	Applied Mathematics	No Comparable Course(s)	MATC 103
MATU 203	Introduction to Statistics	MAT 010, 010H SOC 016	MATC 203
Humanities	Any 9 Credits of Humanities	ARB 001, 002 ART 001A, 001B, 001D, 004, 007, 011, 031A, 033A, 035A CHI 001, 002 COM 001*, 001H*, 004, 008, 012, 015, 020, 020H ENG 001AX, 001C, 005A, 005B, 006B, 007A, 007B, 012*, 013, 015, 043, 048, 070 FRN 001 & 001L, 002 & 002L, 003, 004 HUM 001A, 001B, 007, 0015, 016A, 018*, 018H*, 020, 022, 024, 030 JPN 001, 002 MUS 005, 006, 007, 008, 010, 016, 017 PHI 001, 002, 003, 005 POL 007	PHLC 110 HUMC 110, 115

**General Education**

		SPA 001 & 001L, 002 & 002L, 003, 004, 050A, 050B VIE 001, 002, 049A, 049B  Cannot double-count with Basic Skills requirement	
Natural Sciences	Any 6 Credits of Natural Sciences	ANT 001, 001L, 002 AST 001, 003, 003H, 004 BIO 001A, 001AH, 001B, 004, 010, 010L, 011, 012, 014, 014L, 016, 017, 017H, 018, 018H, 019, 022, 025, 030, 030L, 031L, 032, 042, 043, 043H, 047, 048, 048H CHM 001A, 001AH, 001B, 001BH, 002, 002L, 012A, 012AH, 012B, 012BH, 030A, 030B, 060 GEO 001 NTR 015 PHY 002A, 002B, 004A, 004B, 004C, 004D, 010	NSCC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	ANT 003, 055 BUS 023, 056A, 102 CHD 001, 002, 003, 004, 005, 007, 010, 013, 014, 015, 016, 017, 020, 021, 024, 025, 026 ECN 001A, 001B, 006 GEO 002, 006 HIS 004A, 004AH, 004B, 004BH, 015, 015H, 016, 016H, 017A, 017AH, 017B, 017BH, 020, 031, 033, 033H, 044, 044H HUM 018*, 018H* POL 001, 001H, 002, 003, 004, 005, 006, 020 PSY 001, 001H 007, 010, 012, 015, 015H, 025, 030, 045 SJS 001, 002, 003 SOC 001, 001H, 002, 002H, 021, 040, 045, 047, 050, 054, 058, 060  *Cannot Double Count with Humanities Requirement	SOSC 110, 115
LBSU 302 & LBSU 304	Information Fluency and Academic Integrity & Liberal Arts Core Foundations	Cannot be satisfied in transfer	LBSC 320 & 321

**Information Technology Core**

CSCU 251	Introduction to Computing Systems Organization	CIS 039	CSCC 251
CSCU 408	Database Management	CIS 056	CSCC 408

**Information Technology Core**

CSCU 200	Introduction to Computers and Data Processing	BUS 021	CSCC 200
CSCU 270	Information Systems Security	No Comparable Course(s)	CSCC 270
OLCU 350	Leadership and Professional Ethics	No Comparable Course(s)	OLCC 350, 355

**Degree Requirements & Concentrations**

BS Competency Information Technology consists of 13 General Education competencies, 18 Information Technology (IT) Core competencies and 8 emphasis Area competencies.

Students may choose from the following emphases:

1. Data Science
2. Information Technology Generalist

While it is possible for transfer coursework to meet competency requirements within these emphasis areas, that coursework must be reviewed by an academic dean within the School of Business and Professional Studies, to determine transferability.