

MASSACHUSETTS BAY COMMUNITY 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
General Education			
ENGU 103	Freshman Rhetoric	EN 101	ENGC 103
ENGU 104	Writing about Literature	EN 102, 202	ENGC 104
COMU 101	Public Speaking I	CO 131	COMC 101
COMU 410	Organizational Communication	No Comparable Course(s)	COMC 410
MATU 103	Applied Mathematics	No Comparable Course(s)	MATC 103
MATU 203	Introduction to Statistics	MA 105	MATC 203
Humanities	Any 9 Credits of Humanities	AR 100, 101, 102 CO 100, 101, 103, 131, 200, 201 EN 195, 210, 220 FR 101, 102 HI 101, 102 HU 103, 104, 105, 106, 110, 120, 203, 221 IT 101, 102 LI 104, 201, 202, 203, 204, 205, 206, 207, 209, 230, 231 MU 102 PH 101, 102, 103, 106, 110, 210 SL 101, 102 SP 101, 102, 201, 202	PHLC 110 HUMC 110, 115

Natural Sciences	Any 6 Credits of Natural Sciences	BI 101, 102, 110, 113, 118, 120, 141, 210, 215, 217, 220, 223, 246 CH 101, 102, 110, 120, 140, 201, 202, 210 NS 101 PY 101, 102, 103, 104 SC 102, 103	NSCC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	AN 203 CJ 101, 141, 151, 209, 221, 230 EC 201, 202 ED 108, 112, 170, 203, 211, 221, 223, 227, 228, 230 GG 103, 105 GV 101, 102, 103, 202, 203, 210, 230 HS 101, 102, 103, 104, 105, 106, 115, 201, 210, 220, 230 LA 200, 228, 230, 236, 241 MK 103, 215, 220 PS 101, 118, 222, 223, 231, 240, 250, 256, 260 SO 101, 113, 115, 203, 216, 221, 222, 224, 228	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	No Comparable Course(s)	CSCC 251
CSCU 408	Database Management	CS 213	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CS 100, 104, 105	CSCC 200
CSCU 270	Information Systems Security	CS 116	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.