NORTHERN ESSEX 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	ENG 101	ENGC 103
ENGU 104	Writing about Literature	ENG 102	ENGC 104
COMU 101	Public Speaking I	COM 111	COMC 101
COMU 410	Organizational Communication	BUS 105	COMC 410
MATU 103	Applied Mathematics	MAT 171	MATC 103
MATU 203	Introduction to Statistics	MAT 125	MATC 203

Humanities	Any 9 Credits of Humanities	ART 104, 105, 106 ASL 101, 102, 111, 112, 201, 202, 203, 205 COM 105, 112, 113, 115 DST 101, 102, 201, 202, 205 ENG 103, 111, 113, 115, 116, 117 FRN 101, 102 HUM 102 ITN 101 LIT 200, 201, 202, 211, 212, 213, 215, 220, 231, 251, 262, 263, 264, 267, 271, 272, 275 MUS 101, 102, 112, 121, 122 PHI 101, 102, 110, 121, 204, 206, 208	PHLC 110 HUMC 110, 115

		REL 101 SPN 105, 110, 111, 112, 201, 202, 220 THE 101	
Natural Sciences	Any 6 Credits of Natural Sciences	BIO 101, 102, 103, 104, 108, 111, 112, 115, 117, 121, 122, 215, 220, 230 CHM 111, 121, 122, 201, 203, 221, 222 ERS 110, 125, 130, 135, 140 GEO 101 PHS 111, 112, 131, 132 SCI 110, 111, 112, 130, 230	NSCC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	ANT 101 CRJ 101, 102, 103, 201, 202, 204, 205, 208 ECE 101, 104, 111, 113, 123, 201, 202, 203, 211 ECO 201, 202 GOV 101, 102, 211 HIS 101, 102, 111, 112, 121, 122, 201, 223, 224, 250, 253, 255 MKT 210 PSY 101, 105, 110, 200, 201, 202, 203, 204, 205, 206, 207, 209 SOC 101, 104, 107, 204, 208	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	CIS 210	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CIS 110	CSCC 200
CSCU 270	Information Systems Security	CIS 115	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.