

## HARTNELL COLLEGE 2023-2024

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 1A, ENG 1AX	ENGC 103
ENGU 104	Writing about Literature	ENG 1B, 2	ENGC 104
COMU 101	Public Speaking I	COM 1	COMC 101
COMU 410	Organizational Communication	No comparable course	COMC 410
MATU 103	Applied Mathematics	MAT 2	MATC 103
MATU 203	Introduction to Statistics	MAT 12, 18 + 118	MATC 203
Humanities	Any 9 Credits of Humanities	ART 1A, 1B, 10 ASL 1, 2, 3 BUS 175 COM 2, 3, 4, 5, 8 ENG 17, 22, 24, 26, 31, 41, 44A, 44B, 46A, 46B, 47A, 47B, 48 ETH 6*, 7, 8, 12, 56 HIS 47, 55 IDS 1*, 2* MUS 1A, 2, 5, 6, 7, 8, 46, 47, 48, 49 PHL 2, 5, 10, 15 PHO 1 SOC 30* SPA 1, 1S, 1X, 2, 2S, 2X, 3, 3S, 4, 4S TAC 1, 2, 3, 7, 23, 50 *Cannot Double Count with Basic Skills or Social Science Requirements	PHLC 110 HUMC 110, 115

**General Education**

Natural Sciences	Any 6 Credits of Natural Sciences	ABT 90, 92, 135 ANT 1 AST 1, 1L BIO 1, 2, 3, 5, 6, 6L, 10, 11, 12, 13, 18, 20, 27, 30, 42, 47, 48, 48L CHM 1A, 1B, 12A, 12B, 22, 23, 60 GEG 1 GEL 1, 2, 6, 25 MET 1 NUTR 1, 51 OCN 1 PHY 2A, 2B, 4A, 4B, 4C, 10, 32	NSSC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	ADJ 1, 2, 3, 4, 5, 10, 33, 51 ANT 2, 10, 20 ECE 1, 2, 4, 6, 8, 9, 10, 12, 19, 20, 24, 26, 27, 53, 54 ECO 1, 5, 10 ETH 1, 2, 3, 4, 5, 6*, 13, 21, 56* GEG 10 HIS 4A, 4B, 5A, 5B, 6, 10, 17A, 17B, 40, 46A, 46B, 49A, 49B IDS 1*, 2* LAW 41 POL 1, 2, 3, 5, 6 PSY 2, 6, 9, 10, 12, 14, 15, 22, 25, 41, 42 SJS 20, 21, 22 SOC 1, 5, 8, 15, 20, 30*, 41, 42 *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	No comparable course	CSCC 251
CSCU 408	Database Management	No comparable course	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	BUS 50	CSCC 200
CSCU 270	Information Systems Security	CSS 53	CSCC 270
OLCU 350	Leadership and Professional Ethics	No comparable course	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.