

CAÑADA 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
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General Education			
ENGU 103	Freshman Rhetoric	ENGL 100 or ENGL 105	ENGC 103
ENGU 104	Writing about Literature	ENGL 110	ENGC 104
COMU 101	Public Speaking I	COMM 110	COMC 101
COMU 410	Organizational Communication	BUS 401	COMC 410
MATU 103	Applied Mathematics	No Comparable Course(s)	MATC 103
MATU 203	Introduction to Statistics	MATH 200	MATC 203

Humanities	Any 9 Credits of Humanities	Cannot double-count with Basic Skills requirement	PHLC 110 HUMC 110, 115
Natural Sciences	Any 6 Credits of Natural Sciences	ART 101, 102, 103, 104, 105, 113, 114, 116, 118, 131, 204, 205, 206, 207, 213, 214, 221, 222, 229, 231, 232, 250, 301, 306 BUS 401* COMM 110*, 127, 130*, 140, 150*, 180 DANC 100 DRAM 101, 140, 150, 151, 160, 200, 201 ECE 191 ENGL 161, 162, 164, 165, 200 ETHN 105, 107, 265, 288 LING 200 LIT 151, 200, 205, 231, 232, 252, 266, 371, 372, 373, 375, 441, 442	NSCC 115, 110

		MUS 100, 202, 210, 215, 240, 250, 260, 271, 275 PHIL 100, 103, 160, 175, 190, 200, 240, 300, 312 SPAN 110, 112, 120, 121, 122, 131, 132, 140, 145, 150, 152, 162 *Cannot Double Count with B4 Requirement	
Social Sciences	Any 9 Credits of Social Sciences	ANTH 125, 126 ASTR 100, 101 BIOL 100, 110, 130, 132, 225, 230, 240, 250, 260, 310 CHEM 114, 192, 210, 220, 231, 232, 410 ENVS 101, 115 GEOG 100, 101 GEOL 100, 101, 121 METE 100 OCEN 100, 101 PHYS 114, 210, 220, 250, 260, 270	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	No Comparable Course(s)	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CBOT 432	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
<p>BS Competency Information Technology consists of 13 General Education competencies, 18 Information Technology (IT) Core competencies and 8 emphasis Area competencies.</p> <p>Students may choose from the following emphases:</p> <ol style="list-style-type: none"> 1. Data Science 2. Information Technology Generalist <p>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.</p>