BARSTOW COMMUNITY 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
General Education			
ENGU 103	Freshman Rhetoric	ENGL 1A	ENGC 103
ENGU 104	Writing about Literature	ENGL 1B, 1C	ENGC 104
COMU 101	Public Speaking I	COMM 1	COMC 101
COMU 410	Organizational Communication	BADM 6	COMC 410
MATU 103	Applied Mathematics	MATH 4D	MATC 103
MATU 203	Introduction to Statistics	MATH 2	MATC 203
Humanities	Any 9 Credits of Humanities	ARTS 1, 2, 13A COMM 2, 3, 4, 5 ENGL 2, 3, 4, 5, 6, 7, 11, 12, 12B, 13A HUMA 1, 2, 3, 4, 5 MUSI 2, 3 PHIL 1, 1C, 3, 4, 5, 6, 7 SPAN 1A, 1B TART 3	PHLC 110 HUMC 110, 115
Natural Sciences	Any 6 Credits of Natural Sciences	ASTR 1 BIOL 1, 2, 4, 5, 8, 20A, 20B CHEM 1A, 1B, 2A, 2B, 3A, 3B, 10 GEOL 1L, 4 HEAL 2 OCEA 1 PHSC 2 PHYS 2A, 2B, 2C	NSCC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	ADJU 1, 2, 3, 4, 5, 8, 14, 18	SOSC 110, 115

		General Education		
			BADM 19	
			CHLD 4, 6, 9, 11A, 12A, 14, 15, 15A, 17, 17A, 20, 25, 30, 30A, 35, 35A, 49	
			ECON 1, 2	
			ETHN 1, 5, 6	
			GEOG 3	
			HIST 1A, 1B, 2A, 2B, 4, 5, 8A, 8B	
			MGMT 5	
			POLI 1, 2, 3	
			PSYC 1, 2, 6, 11, 12, 14	
			SOCI 1, 2, 3, 7, 9, 10, 12, 20, 22, 25	
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	CSIS 10	CSCC 251
CSCU 408	Database Management	No Comparable Course(s)	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CBIS 1	CSCC 200
CSCU 270	Information Systems Security	CBIS 14	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.