COLLEGE OF THE CANYONS
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	ENGL 101, 101H	ENGC 103
ENGU 104	Writing about Literature	ENGL 103, 103H, 110, 112, 112H PHILOS 206	ENGC 104
COMU 101	Public Speaking I	COMS 105, 105H	COMC 101
COMU 410	Organizational Communication	No Comparable course(s)	COMC 410
MATU 103	Applied Mathematics	MATH 100, 240	MATC 103

MATU 203	Introduction to Statistics	ECON 291 MATH 140, 140H, 140X PSYCH 104 SOCI 137	MATC 203

Humanities	Any 9 Credits of Humanities	ART 100, 110, 111, 112, 115, 116 CHNESE 101, 102 CINEMA 120, 121, 122, 123, 127, 129, 131 COMS 100, 100H, 105*, 105H*, 120, 225, 227, 235, 246*, 256*, 260, 150 DANCE 100 ENGL 104, 105, 106, 108, 109, 111, 135, 200, 204, 250, 251, 260, 261, 262, 263, 264, 270, 271, 272, 273, 274, 275, 280, 281 FRNCH 101, 102, 150, 201, 202 GERMAN 101, 102 GMD 120 HUMAN 100, 115, 116, 150 ID 114, 115 ITAL 101, 102, 150 MEA 100, 101, 102, 110, 210 MUSIC 100, 105, 106, 107, 108, 112, 120A, 125, 126 PHILOS 101, 101H, 102, 106, 110, 111, 112, 120, 130, 220, 225, 230, 240, 250 PHOTO 140, 150 SIGN 101, 102, 103, 104, 110 SPAN 101, 101H, 102, 150, 201, 202, 211, 212, 240 THEATR 100, 110, 110H, 220 *Cannot double-count with Basic Skills requirement	PHLC 110 HUMC 110, 115
Natural Sciences	Any 6 Credits of Natural Sciences	ANTHRO 101, 101H, 101L ASTRON 100, 101, 101L, 102 BIOSCI 100, 100H, 106, 106H, 107, 107H, 115, 116, 119, 130, 132, 140, 180, 201, 202, 204, 205, 221, 240 CHEM 100, 151, 151H, 201, 201H, 202, 255, 256 ENVRMT 103, 104 GEOGRPH 100, 101, 103, 105 GEOLOGY 100, 101, 102, 103, 104, 105, 109, 110 HLHSCI 150 OCEAN 101 PHYSCI 101	NSCC 115, 110

		PHYSIC 101, 110, 111, 220, 221, 222	
Social Sciences	Any 9 Credits of Social Sciences	ADMJUS 101, 110, 120, 125, 126, 175, 185, 195 ANTHRO 103, 103H, 105, 210, 220 BUS 111, 126, 140, 141, 160 COMS 270 ECE 100, 101, 102, 103, 104, 105, 106, 130, 135, 140, 144, 151, 155, 156, 160, 200, 201, 202, 203 ECON 170, 170H, 201, 201H, 202, 202H ENVRMT 101 ETHNST 101, 116, 117, 290 GEOGRPH 102, 104 HIST 101, 101H, 102, 111, 111H, 112, 112H, 115, 116, 117, 120, 120H, 130, 161, 191, 192, 193, 210, 212, 240, 243 POLISC 150, 150H, 200, 210, 230, 250, 270, 290 PSYCH 101, 101H, 102, 103, 109, 126, 172, 172H, 180, 225, 230, 235, 240, 272 SOCI 101, 101H, 102, 103, 103H, 104 105, 106, 107, 108, 110, 130, 200, 200H, 205, 207, 208, 210, 230, 233, 250	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	CMPSCI 222	CSCC 251
CSCU 408	Database Management	No Comparable Course(s)	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CAWT 101, 140 NETECH 101	CSCC 200
CSCU 270	Information Systems Security	NETECH 219	CSCC 270
OLCU 350	Leadership and Professional Ethics	BUS 160	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.