

El Camino 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 1A or ENGL 1AH	ENGC 103
ENGU 104	Writing about Literature	ENGL 1B, ENGL 1BH, ENGL 1C or ENGL 1CH	ENGC 104
COMU 101	Public Speaking I	COMS 100	COMC 101
COMU 410	Organizational Communication	No Comparable Course(s)	COMC 410

MATU 103	Applied Mathematics	No Comparable Course(s)	MATC 103
MATU 203	Introduction to Statistics	MATH 150, MATH 150H, PSYC 9A or SOCI 109A	MATC 203
Humanities	Any 9 Credits of Humanities	ART 101, 102A, 102AH, 102B, 102C, 106, 109, 110, 129, 130, 147, 150, 161, 205A, 205B, 207, 208, 208H, 209 ASTU 7 COMS 100, 120, 130, 140, 250, 260, 265, 270, 275 CHIN 1, 2, 3, 21, 22	PHLC 110 HUMC 110, 115

		<p>DANCE 101, 103 ENGL 12, 15A, 15B, 20, 21, 23A, 27, 28, 30, 31, 34, 35, 36, 39, 40A, 40B, 42, 43, 44, 48 ESTU 5 FILM 110, 113, 154 FREN 1, 2, 3, 4, 5, 6, 21, 22 GERM 1, 2, 3 HUMA 1 ITAL 1, 2, 3, 21, 22, 24 JAPA 1, 2, 3, 4, 21, 22 JOUR 12 MUSI 101, 111, 112, 112H, 113, 116, 215A, 215B PHIL 101, 101H, 103, 105, 105H, 106, 107, 111, 112, 113, 114, 115, 117, 120 SLAN 111, 112, 113, 114, 115, 130 SPAN 1, 1H, 2, 3, 4, 5, 6, 21, 22, 52A, 52B THEA 103, 104, 113</p> <p>Cannot double-count with Basic Skills requirement</p>	
Natural Sciences	Any 6 Credits of Natural Sciences	<p>ANAT 30, 32 ANTH 1, 1H, 5 APHY 34A, 34B ASTR 12, 20, 20H, 25, 25H BIOL 8, 10, 10H, 11, 15, 17, 18, 101, 101H, 102, 102H, 103 CHEM 1A, 1B, 4, 4H, 7A, 7B, 20, 21A, 21B GEOG 1, 6, 9 GEOL 1, 2, 3, 4, 7, 15 MICR 33 OCEA 10, 10H PHYO 31 PSCI 25</p>	NSCC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	<p>AJ 100, 103, 107, 111, 115, 126, 130, 131, 132, 133, 135, 170 ANTH 2, 3, 4, 6, 7, 8, 9, 11 BUS 14 CDEV 103, 104, 110, 112, 115, 116, 117, 118, 119, 125, 126 CHIN 24 ECON 1, 1H, 2, 5</p>	SOSC 110, 115

		ESTU 1, 3 GEOG 2, 5, 5H, 7 HIST 101, 101H, 102, 102H, 105, 106, 108, 110, 111, 112, 114, 122, 122H, 128, 129, 140, 141, 152, 154 JAPA 25 POLI 1, 1H, 2, 3, 5, 6, 7, 10, 10H PSYC 3, 3H, 5, 5H, 7, 8, 9B, 10, 12, 15, 16, 17, 19, 25 SOCI 101, 101H, 102, 104, 107, 108, 109B, 110, 112, 113, 115, 118 SSCI 101, 103 WSTU 1	
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
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CSCU 408	Database Management	No Comparable Course(s)	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CIS 13	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

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.