CABRILLO 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
General Education			
ENGU 103	Freshman Rhetoric	ENGL 1A, 1AH, 1AMC or 1AMCH	ENGC 103
ENGU 104	Writing about Literature	ENGL 1B, 1BH, 1BMC, 1C, 2, 2H, 2MC or 2MCH	ENGC 104
COMU 101	Public Speaking I	COMM 1 or 1H	COMC 101
COMU 410	Organizational Communication	BUS 52	COMC 410
MATU 103	Applied Mathematics	MATH 18	MATC 103
MATU 203	Introduction to Statistics	BUS 9, MATH 12, MATH 12H or PSYCH 2A	MATC 203

Humanities	Any 9 Credits of Humanities	AH 10, 11, 11H, 12, 13, 13H, 14, 16, 17, 18, 19, 20A, 20B, 52, 53 AP 1A, 1AH, 15, 35, 35H, 45, 55, 65 ASL 1, 2, 3 COMM 2, 4, 7, 10, 12 DANCE 1 DM 1 ENGL 12A, 12B, 12C, 12E, 12F, 24A, 14A, 14B, 14E, 24A, 24B, 27AN, 27BN, 30A, 30B, 34, 39, 40, 41A, 45, 46A, 46B, 48A ENGL 14C, 49A, 49B ETHN 27AN, 27BN FR 1, 2, 3, 10 GRMN 1, 2 HISU 27AN, 27BN	PHLC 110 HUMC 110, 115

		ITAL 1, 2, 3, 10 JAPAN 1, 2 JOURN 21 MUS 1, 2, 3, 4, 10, 11A, 11LA, 12, 13A, 77 PHILO 4, 6, 7, 8, 9, 10, 10H, 12, 14, 15, 16, 17, 18, 49 SPAN 1, 2, 3, 4, 5A, 6A, 6B, 10A, 10B, 16, 17, 25, 26, 30B TA 8, 9	
Natural Sciences	Any 6 Credits of Natural Sciences	ANTHR 1, 1H, 1L ASTRO 3, 4, 5, 7, 8A BIO 4, 5, 6, 9A, 9B, 11A, 11B, 11C, 13A, 13AL, 31 CHEM 1A, 1B, 3, 3L, 5, 10, 12A, 12AL, 12B, 12BL, 30A, 30B, 32 ES 10, 10L, 15 GEOG 1, 1L, 3, 3L GEOL 10, 15, 20, 25 NUTR 20 OCEAN 10 PHYS 2A, 2B, 4A, 4B, 4C, 4D, 10, 10L, 11, 12	NSCC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	ANTHR 2, 2H, 3, 6, 7, 8, 17, 30 BBS 32 BUS 50, 82 CJ 1, 2, 3, 5, 9, 12, 19, 20 DMCP 10 ECE 31, 32, 34, 51, 52, 53, 54, 59, 131, 135 ECON 1A, 1B ES 20 ETHN 3, 8, 21A, 21AH GEOG 2, 4, 5 HIST 2A, 2B, 4A, 4AH, 4B, 4BH, 6, 9, 11, 14, 14H, 15, 16A, 16B, 16C, 17A, 17AH, 17B, 17BH, 19B, 19C, 21A, 21AH, 21B, 21BH, 23, 24, 25A, 25B, 29A, 29B PS 1, 1H, 2, 3, 5 PSYCH 1, 1H, 2A, 2B, 4, 6, 8, 12, 26, 31, 33, 35, 39 SOC 1, 1H 2, 2H, 3, 5, 8, 9, 10, 11, 12, 48 WS 1, 2, 5, 11, 48	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	CIS 71	CSCC 251
CSCU 408	Database Management	No comparable course(s)	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CS 1	CSCC 200
CSCU 270	Information Systems Security	CIS 75	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.