

AMERICAN RIVER 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	ENGWR 300, 480	ENGC 103
ENGU 104	Writing about Literature	ENGWR 301, 302, 303, 481, 482 ENGRD 310	ENGC 104
COMU 101	Public Speaking I	COMM 301	COMC 101
COMU 410	Organizational Communication	MGMT 360 (Approved Substitute)	COMC 410
MATU 103	Applied Mathematics	MATH 300	MATC 103
MATU 203	Introduction to Statistics	STAT 300, 305, 480 PSYC 330	MATC 203

Humanities	Any 9 Credits of Humanities	ANTH 341 ART 300, 304, 314, 327, 370, 372, 390, 420, 430 ARTH 300, 302, 308, 310, 318, 322, 333, 334, 335 ARTNM 305 ARTPH 300 SPEECH 301*, 302, 311, 321*, 325*, 331, 361 DEAF 310, 312, 314, 316, 318, 370, 380 ENGCW 400, 410, 420, 430, 441 ENGLT 300, 304, 308, 310, 311, 320, 321, 327, 330, 335, 338, 340, 341, 345, 360, 365, 370, 378, 380, 382, 392, 403, 486	PHLC 110 HUMC 110, 115
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Natural Sciences	Any 6 Credits of Natural Sciences	<p>ANTH 300, 301, 303, 370, 480</p> <p>ASTR 300, 310, 320, 330, 400, 481</p> <p>BIOL 102, 300, 301, 303, 305, 310, 322, 332, 342, 352, 370, 375, 400, 410, 415, 420, 430, 431, 440, 442, 482</p> <p>CHEM 305, 306, 309, 400, 401, 420, 421, 423</p> <p>GEOG 300, 301, 305, 306, 307, 308, 309</p> <p>GEO 300, 301, 305, 306, 310, 311, 320, 325, 330, 331, 345</p> <p>NATR 302, 304, 305, 320</p> <p>NUTRI 300</p> <p>PS 300, 301</p> <p>PHYS 310, 311, 312, 350, 360, 410, 421, 431</p>	NSSC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	<p>ADMJ 300, 302, 304, 310, 321, 322, 323, 330, 340, 481</p> <p>ANTH 319, 320, 321, 330, 333, 334, 336</p> <p>BUS 330</p> <p>DEAF 351, 352, 355</p> <p>ECE 300, 312, 314, 320, 321, 330, 331, 342, 343, 356, 358, 361, 363, 404, 407, 415, 430</p> <p>ECON 302, 304, 305</p> <p>ETHNS 320, 330, 340, 350</p> <p>GEOG 310, 320, 322</p> <p>GERON 302, 380</p> <p>IS 301, 302, 305, 310, 312</p>	SOSC 110, 115

		HIST 300, 302, 305, 307, 308, 310, 311, 318, 320, 321, 323, 325, 327, 330, 340, 341, 353, 364, 365, 367, 373, 374, 375, 399, 480, 481, 483, 484 HSER 340 JOUR 320 MKT 300, 310, 312, 314, 330 MGMT 350, 362, 372 NATR 303, 307 NUTR 310 PSYC 300, 305, 310, 320, 335, 340, 354, 356, 361, 370, 372, 373, 374, 390, 400, 480, 481 SJS 300, 310 SOC 300, 301, 309, 318, 320, 325, 335, 342, 350, 480	
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	CISN 140	CSCC 251
CSCU 408	Database Management	No Comparable Course(s)	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CISC 310	CSCC 200
CSCU 270	Information Systems Security	CISS 310	CSCC 270
OLCU 350	Leadership and Professional Ethics	MGMT 374 (Approved substitution for Business department majors)	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>