

## Fresno City 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, 1AH	ENGC 103
ENGU 104	Writing about Literature	ENGL 1B, 3, 3H, 40	ENGC 104
COMU 101	Public Speaking I	COMM 1	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	DS 23 MATH 11, 11H, 42 PSY 42	MATC 203

Humanities	Any 9 Credits of Humanities	AFRAM 3, 4*, 8*, 15, 17 AMIND 20*, 31, 35 AMST 10* ANTHRO 8 ARCH 15A, 15B ARMEN 1, 2 ART 2, 5, 5H, 6, 6H, 55, 60, 70 ASAMER 8*, 20, 55 ASL 1, 2, 3, 4, 6, 7, 8 CHDEV 43 CHIN 1, 2 CLS 17A, 17B, 20, 21, 22, 27A, 27B COMM 2, 4, 8, 8H, 10, 12, 20, 25 DANCE 17A, 17B, 27A, 27B, 30 ENGL 12, 14, 15A, 15B, 15C, 15D, 17, 20, 36, 42, 44A, 44B, 45, 46A, 46B, 47, 48A, 48B	PHLC 110 HUMC 110, 115
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Natural Sciences	Any 6 Credits of Natural Sciences	<p>ANTHRO 1, 1L  ASTRO 10  BIOL 3, 4, 5, 6, 7, 11A, 11B, 14, 20, 21A, 21B, 22, 31, 46, 55  CHDEV 42  CHEM 1A, 1B, 3A, 3B, 8A, 18L, 20, 28A, 28B, 29A, 29B, 101P  FN 35, 41, 42, 43  GEOG 1, 7, 8  GEOL 1, 2, 2L, 4, 5, 9, 12  NATSCI 1A  PHYS 11  PHYS 2A, 2B, 4A, 4B, 4C</p>	NSCC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	<p>AFRAM 1, 2, 4*, 5, 6, 8*, 41  ASL 5  ANTHRO 3, 4, 12, 13, 28  ASAMER 1, 8*, 10, 15  CLS 11, 28, 30  GEOG 2, 4A, 4B, 20  GLST 1, 2  JOURN 16  WSTS 41, 47  *Cannot Double Count with Humanities Requirement</p>	SOSC 110, 115

LBSU 302 & LBSU 304	Information Fluency and Academic Integrity & Liberal Arts Core Foundations	Cannot be satisfied in transfer	LBSC 320 & 321
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<b>Information Technology Core</b>			
CSCU 251	Introduction to Computing Systems Organization	No Comparable Course(s)	CSCC 251
CSCU 408	Database Management	No Comparable Course(s)	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CIT 12, 15	CSCC 200
CSCU 270	Information Systems Security	CIT 58C	CSCC 270
OLCU 350	Leadership and Professional Ethics	No Comparable Course(s)	OLCC 350, 355

<b>Degree Requirements &amp; Concentrations</b>
<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"> <li>1. Data Science</li> <li>2. Information Technology Generalist</li> </ol> <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>