

## IRVINE VALLEY 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
<b>General Education</b>			
ENGU 103	Freshman Rhetoric	WR 1 or 1H	ENGC 103
ENGU 104	Writing about Literature	LIT1 WR 2 or 2H	ENGC 104
COMU 101	Public Speaking I	COMM 1, 1H MGT 102	COMC 101
COMU 410	Organizational Communication	MGT 104	COMC 410
MATU 103	Applied Mathematics	No comparable course(s)	MATC 103
MATU 203	Introduction to Statistics	BIO 7 ECON 10, 10H MATH 10 MGT 10, 10H PSYC 10, 10H	MATC 203
Humanities	Any 9 Credits of Humanities	ART 42, 120, 121, 123, 124, 220 ARTH 1, 4, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33 ASL 101, 102 CHI 1, 2, 3, 4 COMM 2, 3, 30 DMP 140 DNCE 77, 78, 85 FILM 40, 70, 71, 71H, 72, 72H, 73, 74, 75 FR 1, 1H, 2, 3, 4, 10, 11 HUM 1, 1H, 2, 3, 4, 20, 21, 22, 27, 50 JA 1, 1H, 2, 2H, 3, 4, 10, 21, 23	PHLC 110 HUMC 110, 115

**General Education**

		<p>LIT 7, 16, 20, 21, 22, 23, 24, 30, 31, 32, 33, 40, 41, 42, 43, 45, 46, 48, 49</p> <p>MUS 1, 1H, 2H, 20, 20H, 21, 27, 28</p> <p>PHIL 1, 2, 3, 5, 10, 11</p> <p>PHOT 1</p> <p>SPAN 1, 1H, 2, 2H, 3, 4, 10, 11</p> <p>TA 20, 21, 22, 25, 25H, 26, 26H, 27, 30</p> <p>WR 10, 11, 13, 14, 15, 16, 17</p>	
Natural Sciences	Any 6 Credits of Natural Sciences	<p>ANTH 1, 1L, 1H</p> <p>ASTR 20, 20H, 25</p> <p>BIO 1, 1H, 2, 3, 4, 5, 10, 11, 12, 15, 16, 19, 19H, 21, 30, 32, 43, 44, 55, 71, 72, 80, 80H, 81H, 82, 83</p> <p>CHEM 1A, 1AH, 1B, 3, 4, 12A, 12B</p> <p>ERTH 20</p> <p>GEOG 1, 1L, 10, 10H</p> <p>GEOL 1, 2, 3, 22, 23</p> <p>MS 20</p> <p>NUT 1</p> <p>PHYS 2A, 2B, 4A, 4B, 4C, 20</p>	NSSC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	<p>AJ 2, 4, 5, 7, 8, 13, 19, 61</p> <p>ANTH 3, 4, 7, 9, 13</p> <p>CIM 117</p> <p>COMM 10</p> <p>ECON 1, 1H, 2, 2H, 6, 13, 20, 20H</p> <p>ENTR 117</p> <p>ENV 1, 6</p> <p>ETHN 10, 20</p> <p>GEOG 2, 3, 3H, 20, 38</p> <p>GLBL 1, 2</p> <p>GS 10, 20, 50</p> <p>HD 4, 7, 10, 15, 101, 105, 110, 115, 120, 130, 131, 145, 150, 160, 181</p> <p>HIST 1, 1H, 2, 10, 11, 20, 21, 24, 25, 30, 40, 41, 51, 51H, 60, 61</p> <p>HUM 10</p> <p>MGT 125, 135, 269</p> <p>PS 1, 1H, 3, 4, 5, 6, 7, 12, 12H, 14, 14H, 17, 21, 41</p> <p>PSYC 1, 1H, 2, 3, 3H, 5, 5H, 6, 7, 9, 11, 13, 13H, 20, 20H, 30, 32, 33, 37, 37H</p>	SOSC 110, 115

**General Education**

		SOC 1, 1H, 2, 3, 3H, 10, 15, 19, 20, 20H, 23, 30 SOC 30	
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
CSCU 408	Database Management	No comparable course(s)	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CIM 107 CS 1	CSCC 200
CSCU 270	Information Systems Security	CIM 170	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.