

## Contra Costa College 2021-2022

The following information is a guide of courses that transfer to UMass Global to fulfill general education requirements and Information Technology major requirements in the Competency-Based program.

Completion of the full CSU or UC IGETC certification (CA), Washington and Oregon state-approved Direct Transfer degrees or other state's equivalent transfer certification prior to the student being admitted, enrolled and attending his/her first session in a bachelor degree program at UMass Global satisfies all UMass Global GE requirements except competency LBSC 320 & LBSC 321. Students who matriculate to UMass Global with partial GE certifications will have their coursework evaluated on a course by course basis to determine appropriate applicability to each general education category.

The Business Administration major includes 34 core competencies. See the catalog for a full list of General Education, Major, and Emphasis competency requirements. Information on transferring prior coursework to meet UMass Global competencies can be found in the UMass Global catalog.

**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 UMass Global catalog.**

Further information regarding the courses below can be found in UMass Global's [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.**

UMass Global Course		Equivalent Courses	Equivalent Competencies
<b>General Education</b>			
ENGU 103	Freshman Rhetoric	ENGL 001A	ENGC 103
ENGU 104	Writing about Literature	ENGL 001B, 001C, 002B	ENGC 104
COMU 101	Public Speaking I	SPCH 120	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 164 SOCIO 234	MATC 203

Humanities	Any 9 Credits of Humanities	<p>AFRAM 112, 113, 120</p> <p>ART 101, 102, 117, 118, 120, 124, 174, 184, 190, 191, 194, 284</p> <p>ANTHR 125</p> <p>CHIN 100A, 110, 111, 120, 121</p> <p>DANCE 101</p> <p>DRAMA 101, 102, 103, 104, 110, 122, 123, 165</p> <p>ENGL 001AX, 142B, 163, 200A, 210B, 220B, 225, 230B, 250, 274, 293H</p> <p>HUMAN 113, 120, 180</p> <p>JAPAN 120, 121</p> <p>LARAZ 130, 165, 190</p> <p>PHILO 101, 120, 130, 140, 150, 160, 180, 200</p> <p>MUSIC 102, 104, 108, 114, 119, 120, 121, 222, 223</p> <p>SPAN 110, 111, 112, 116, 120, 121, 220, 221, 230, 231</p> <p>SPCH 120, 121, 121I, 122, 128, 141, 142</p>	<p>PHLC 110</p> <p>HUMC 110, 115</p>
Natural Sciences	Any 6 Credits of Natural Sciences	<p>ANTHR 140, 140L</p> <p>ASTRO 120</p> <p>BIOSC 110, 119, 132, 134, 145, 147, 160, 172</p> <p>CHEM 119, 120, 121, 226, 227</p> <p>GEOG 120, 120L</p> <p>GEOL 120, 120L</p> <p>PHYS 110, 110L, 120, 120H, 121, 121H, 130, 230, 231</p>	<p>NSCC 115, 110</p>
Social Sciences	Any 9 Credits of Social Sciences	<p>ADJUS 120, 121, 122, 124, 130, 135, 139, 223</p> <p>AFRAM 110, 122, 123, 140, 210, 225, 226, 228</p> <p>ANTHR 125, 130</p> <p>ECHD 109, 120, 121, 123, 124, 125, 126, 127, 128, 133, 142, 144, 145, 146, 150, 152, 161, 162, 220, 290</p> <p>ECON 220, 221</p> <p>GEOG 130, 150, 160</p> <p>HIST 110, 120, 121, 122, 123, 124, 127, 140, 141</p> <p>LARAZ 110, 113, 125, 127, 131, 141</p> <p>POLSC 125, 130, 140, 225</p> <p>PSYCH 120, 126, 128, 130, 132, 140, 150, 170, 205B, 220, 222, 237</p> <p>SOCIO 130, 142, 220, 221, 222, 225, 236, 245, 250</p> <p>SOCSC 140, 141</p>	<p>SOSC 110, 115</p>
LBSU 302 & LBSU 304	Information Fluency and Academic Integrity & Liberal Arts Core Foundations	Cannot be satisfied in transfer	LBSC 320 & 321

<b>Information Technology Core</b>			
CSCU 251	Introduction to Computing Systems Organization	COMP 280	CSCC 251
CSCU 408	Database Management	No Comparable Course(s)	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CIS 135	CSCC 200
CSCU 270	Information Systems Security	CCT 160	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>