Santa Ana College
2020-2021

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
General Education			
ENGU 103	Freshman Rhetoric	ENGL 101, 101H	ENGC 103
ENGU 104	Writing about Literature	ENGL 102, 102H, 103, 103H	ENGC 104
COMU 101	Public Speaking I	CMST 102, 102H	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 219, 219H, 221 PSYC 210	MATC 203

| Humanities | Any 9 Credits of Humanities | ANTH 104, 104H
ART 100, 100H, 101, 102, 103, 104, 105, 106, 107, 108, 110, 111, 130, 131, 141, 184, 185, 190
ASIA 101
ASL 110, 111, 113, 114, 116, 210, 211
BLST 101
CHNS 101, 102
CMSD 103, 105, 105H, 111, 150
CMST 101, 101H, 102, 102H, 103, 103H, 140, 145, 151, 152, 158, 170, 206, 206H, 307
DM 100, 101, 103, 104
DNCE 100, 100H, 102, 105
ENGL 102, 102H, 104, 104H, 213, 220, 231, 232, 233A, 233B, 233C, 241, 242, 243, 245, 246, 270, 271, 272, 278
FREN 101, 102, 201, 201H, 202, 202H, 211, 214
IDS 121, 200
ITAL 120, 121
JAPN 101, 102
MUS 101, 101H, 102, 102H, 103, 104, 105, 110, 111, 112, 152, 213, 214, 216, 217
PHIL 106, 106H, 108, 111, 112, 118
PHOT 150
SLPA 170
SPAN 101, 101H, 102, 102H, 195A, 195B, 201, 201H, 202, 202H, 212, 213
THEA 100, 105, 110, 120, 123, 136, 137, 138
VIET 101, 102
*Cannot Double Count with B4 or SS7 Requirements | PHLC 110
HUMC 110, 115 |

| Natural Sciences | Any 6 Credits of Natural Sciences | ANTH 101, 101L
ASTR 109, 110, 110H, 140
BIOL 109, 109H, 109L, 111, 115, 127, 131, 139, 149, 177, 190, 190L, 191, 192, 193, 200, 211, 212, 214, 229, 239, 249, 259, 290
CHEM 109, 115, 209, 210, 219, 219H, 229, 249, 259
ENVR 140, 200, 259
ERTH 110, 110H, 115, 150, 150H
GEOG 101, 101L, 130
GEOL 101, 101L, 140, 150, 150H, 201
NUTR 115, 115H
PSC 115, 117, 118
PHYS 109, 210, 211, 217, 227, 237, 279, 289 | NSCC 115, 110 |

Social Sciences	Any 9 Credits of Social Sciences	ANTH 100, 100H, 103, 105, 108, 125 ASIA 101 ASL 113, 116 BLST 101 BUS 116, 121 CDEV 107, 108, 110, 111A, 111B, 112, 116A, 116B, 120A, 120B, 200, 205, 207, 210, 220, 221, 229, 230, 231, 297, 298A, 298B CHST 101 CJ 101, 101H, 102, 103, 103H, 105, 107, 109, 109H, 110, 205, 209, 220 CNSL 125, 150, 220 ECON 120, 121 EDUC 203 ETHN 101, 101H, 102, 102H GEOG 100, 100H, 102, 140 HIST 101, 101H, 102, 102H, 105, 118, 120, 120H, 121, 121H, 123, 124, 124H, 125, 127, 133, 146, 150, 151, 153, 163, 181 IDS 155 LAW 100 MGMT 121, 125 MKTG 111, 113, 127 POLT 101, 101H, 200, 200H, 201, 220, 235 PSYC 100, 100H, 140, 157, 160, 170, 200, 219, 230, 240, 250 SOC 100, 100H, 112, 140, 140H, 240, 401 WMNS 101, 102 *Cannot Double Count with H4 Requirement	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	CMPR 129	CSCC 251
CSCU 408	Database Management	No Comparable Course(s)	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	BUS 150 CMPR 100	CSCC 200
CSCU 270	Information Systems Security	CMPR 175	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.