

SAN DIEGO MESA 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
General Education			
ENGU 103	Freshman Rhetoric	ENGL 101	ENGC 103
ENGU 104	Writing about Literature	ENGL 105, 205, or 208	ENGC 104
COMU 101	Public Speaking I	COMS 103	COMC 101
COMU 410	Organizational Communication	BUSE 119	COMC 410
MATU 103	Applied Mathematics	MATH 118	MATC 103
MATU 203	Introduction to Statistics	BIOL 200 BUSE 115 MATH 119 POLI 201 PSYC 258	MATC 203
Humanities	Any 9 Credits of Humanities	AMSL 120, 121, 214, 220, 221, 225, 230, 240, 250, 255 ARCH 126, 127 ARTF 100, 106, 107, 108, 109, 110, 111, 113, 115, 120, 125, 130 BLAS 110, 111, 120, 150, 155 CHIC 130, 135, 138, 190, 210, 230 CHIN 101, 102, 201, 202, 210, 211 COMS 101, 104, 111, 135, 160, 170, 180, 201 DANC 181, 183 DRAM 105, 109, 136, 137, 150, 151 ENGL 202, 207, 208*, 209, 210, 211, 215, 216, 220, 221, 230, 234, 237, 240, 245A, 247A, 247B, 249A, 249B, 252A, 252B	PHLC 110 HUMC 110, 115

		<p>FASH 120</p> <p>FREN 101, 102, 201, 202, 210, 211</p> <p>GERM 101, 102, 201</p> <p>HUMA 101, 102, 103, 104, 106, 118, 119, 201, 205, 210</p> <p>INTE 125</p> <p>ITAL 101, 102, 201</p> <p>JAPN 101, 102, 201, 202, 210, 211</p> <p>JOUR 202</p> <p>MUSI 100, 103, 109, 111, 114, 117, 118, 119, 125, 126, 131, 148A, 148B, 248A, 248B</p> <p>NUTR 153</p> <p>PHIL 100, 101, 102A, 102B, 103, 104A, 104B, 105, 106, 107, 108, 109, 110, 111, 112, 125, 126, 130, 131, 205</p> <p>RUSS 101, 102, 201</p> <p>SPAN 101, 102, 201, 202, 210, 211, 215, 216, 221, 222</p> <p>VIET 101, 102, 201</p>	
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Natural Sciences	Any 6 Credits of Natural Sciences	<p>ANTH 102, 104</p> <p>ASTR 101, 102, 109, 111</p> <p>BIOL 100, 107, 110, 115, 120, 130, 160, 180, 205, 210A, 210B, 215, 230, 235, 250</p> <p>CHEM 100, 100L, 103, 111, 111L, 130, 130L, 152, 152L, 160, 200, 200L, 201, 201L, 231, 231L, 233, 233L, 251</p> <p>GEOG 101, 101L</p> <p>GEOL 100, 101, 104, 111, 120</p> <p>NUTR 150, 155, 170, 180</p> <p>PHYN 100, 101, 105, 114</p> <p>PHYS 100, 125, 126, 180A, 180B, 181A, 181B, 195, 196, 197</p>	NSSC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	<p>AMSL 150, 155</p> <p>ANTH 103, 106, 107, 110, 115, 117, 200, 205, 210, 215</p>	SOSC 110, 115

		BLAS 100, 104, 116, 125, 130, 140A, 140B, 145A, 145B, 165, 175 BUSE 127, 150, 205 CHIC 110A, 110B, 140, 141A, 141B, 150, 155, 170, 201 CHIL 101, 111, 121, 131, 141, 151, 160, 161, 165, 166, 175, 176, 180 ECON 120, 121, 220 GEOG 102, 104, 154 HIST 100, 101, 105, 106, 109, 110, 115A, 115B, 120, 121, 123, 130, 131, 132, 141, 142, 150, 151, 154, 175 MARK 100, 130 POLI 101, 102, 103, 121, 123, 124, 140 PSYC 101, 111, 112, 121, 125, 133, 135, 137, 155, 161, 166, 211, 230, 245, 255, 260, 283 SOCO 101, 110, 125, 145, 150, 201, 207, 223	
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	CISC 181	CSCC 200

CSCU 270	Information Systems Security	No Comparable Course(s)	CSCC 270
OLCU 350	Leadership and Professional Ethics	No Comparable Course(s)	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>