

## SOUTHWESTERN 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 115, 115H	ENGC 103
ENGU 104	Writing about Literature	ENGL 116, 220	ENGC 104
COMU 101	Public Speaking I	COMM 104	COMC 101
COMU 410	Organizational Communication	COMM 174	COMC 410
MATU 103	Applied Mathematics	MATH 120	MATC 103
MATU 203	Introduction to Statistics	BIOL 215 MATH 119 PSYC 270, 280 SOC 270, 280	MATC 203

Humanities	Any 9 Credits of Humanities	ARCH 208, 210 ART 112, 113, 114, 129, 130, 131, 149, 150, 151, 156, 157 ASL 101, 102, 201, 225* CD 275 CHIN 101, 102 COMM 104, 160, 170, 174, 176, 180, 185, 200 DANC 200 ENGL 120, 121, 122, 130, 131, 132, 140, 141, 142, 150, 151, 152, 160, 161, 162, 225, 230, 231, 240, 241, 250, 251, 255, 256, 260, 265, 270, 271, 272, 273, 274, 280, 281 FIL 101, 102, 201 FREN 101, 102, 201, 202	PHLC 110 HUMC 110, 115
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Natural Sciences	Any 6 Credits of Natural Sciences	<p>ANTH 101, 101L  ASTR 100, 109, 120, 150, 170, 180, 205  BIOL 100, 101, 130, 131, 140, 143, 145, 150, 151, 151L, 160, 161, 180, 185, 190, 207, 210, 211, 212, 215, 229, 230, 260, 261, 265  CHEM 100, 102, 110, 151, 151L, 160, 170, 200, 210, 240, 242, 244, 250  GEOG 100, 101, 110, 130  GEOL 100, 101, 104, 110, 115, 115L  HLTH 202, 204  PHS 101, 101L, 110, 111  PHYS 150, 151, 152, 153, 170, 171, 172, 173, 174, 175, 270, 271, 272, 273, 274, 275</p>	NSSC 115, 110
Social Sciences	Any 9 Credits of Social Sciences	<p>AFRO 110, 111, 151  AJ 110, 111, 113, 114, 115, 151, 156, 161, 166, 167, 181, 188, 252  ANTH 102, 103, 112, 205  ASIA 112, 113, 114, 115  ASL 225*  BUS 152, 174, 192  CD 133, 135, 170, 172, 173, 175, 176, 177, 180, 181, 184, 278, 279, 282A, 283, 284  COMM 142  ECON 100, 101, 102  GEOG 106, 120, 160  HIST 100, 101, 104, 105, 106, 107, 110, 111, 112, 113, 114, 121, 122, 132, 141, 142, 160</p>	SOSC 110, 115

		HUM 120, 122 LDR 150, 279 MAS 110, 141, 142, 150, 170, 180 PS 101, 102, 103, 104 PSYC 101, 106, 109, 116, 211, 230, 250, 255, 260 SOC 101, 106, 107, 110, 115, 116, 135, 140, 150, 151, 170, 255 SWHS 110 *Cannot Double Count with the Humanities Requirement	
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	CIS 101	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

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.