

Pasadena City College 2023-2024

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 001A or ENGL 001AH	ENGC 103
ENGU 104	Writing about Literature	ENGL 001B, ENGL 001BH, ENGL 001C or ENGL 001CH	ENGC 104
COMU 101	Public Speaking I	SPCH 001 or SPCH 001H	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	STAT 015, STAT 018 or STAT 050 or 050H	MATC 203
Humanities	Any 9 Credits of Humanities	ARCH 024A, 024B ART 001A, 001B, 003A, 003B, 004A, 004B, 004C, 004D, 005, 007, 008, 009, 011A, 106 ASL 010A, 010B, 010C, 010D ARBC 001, 002 ARMN 001, 002 BUS 011A CHIN 001, 002, 002A, 003, 004, 005, 008A, 008B, 009A, 009B, 009C, 010*, 012, 050 COMM 001 DANC 021A, 021B ENGL 010, 011, 012, 024, 025A, 025C, 025D, 025E, 025F, 025G, 025H, 025I, 025J, 026, 030A, 030B, 030C, 044A, 044B, 044C, 045A, 045B, 046A, 046B, 047, 048, 050, 051, 052, 053, 054, 057, 058, 059, 060, 061, 078A, 078B, 082A, 82B, 82C	PHLC 110 HUMC 110, 115

General Education

		<p>FRNC 001, 002, 003, 004, 006, 008A, 008B, 009A, 009B, 010*, 012, 014, 015, 016, 050 GRMN 001, 002, 003, 004, 005, 008A, 008B, 008C, 009A, 009B, 009C, 010*, 012 HUM 001, 002, 004 ITAL 001, 002, 003, 004, 008A, 008B, 009A, 009B, 009C, 010*, 012, 050 JAPN 001, 002, 003, 004, 005, 008A, 008B, 009A, 009B, 009C, 010*, 012 LATN 001, 002 LING 010, 011 MUSIC 001A, 001B, 001C, 001D, 007A, 007B, 021, 022, 023, 024A, 024B, 025, 027, 028, 036A PHOTO 010, 025 PHIL 001, 001H, 003, 007, 008, 020A, 20B, 030, 031, 033, 037 PORT 001, 002, 003, 004 RELG 001, 002, 003 RUSS 001, 002, 003, 004, 010 SPAN 001, 002, 002A, 003, 004, 005, 006A, 006B, 008A, 008B, 009A, 009B 009C, 012, 025, 031, 042A*, 042B*, 044A*, 044B*, 050 SPCH 001, 001H, 002, 003, 004, 006, 008, 009, 010, 012, 013 THRT 001, 005A, 005B, 007A, 007B</p> <p>Cannot double-count with Basic Skills requirement</p>	
<p>Natural Sciences</p>	<p>Any 6 Credits of Natural Sciences</p>	<p>ANAT 025, 115 ANTH 001, 001H, 001L ASTR 001, 012 BIOL 002, 003, 004, 010A, 010B, 010C 011, 011H, 016, 030, 038, 039 CHEM 001A, 001B, 002A, 002B, 008A, 008B, 022 ENVS 001, 002, 003 GEOG 001, 001L, 004 GEOL 001, 002, 003, 004, 006, 012, 012L, 021, 021L, 022, 023 MICR 002 NUTR 011, 012</p>	<p>NSCC 115, 110</p>

General Education

		PHSC 002, 003, 003L PYSO 001, 100 PHYS 001A, 001B, 001C, 001D, 002A, 002B, 010, 010L, 031A, 031B	
Social Sciences	Any 9 Credits of Social Sciences	AJ 010, 012, 014, 016, 018, 019, 022, 185, 190 ANTH 002, 002H, 003, 004, 005, 006, 009, 012, 031 BUS 151 CHDV 010, 011, 013A, 013B, 014, 015, 016, 017, 022, 030, 035, 105, 118 CHIN 010* COUN 030 ECON 001A, 001AH, 001B, 001BH GEOG 002, 003 GERO 001 GLBL 001, 002 GRMN 010* FRNC 010* HIST 001A, 001B, 002A, 002B, 005A, 005B, 007A, 007B, 008, 009A, 009B, 012, 016, 018, 019, 025B, 025D, 025F, 025I, 027A, 027B, 029A, 029B, 030A, 031, 041 HUM 003 ITAL 010* JAPN 010*, 011 LING 014 MRKTG 020 MUSC 030 POLS 001, 002, 006, 007, 021, 022 PSYC 001, 001H, 002, 005, 021, 021H, 022, 023, 024, 025, 029, 031, 033, 041 SOC 001, 001H, 002, 014, 014H, 015, 016, 022, 024, 029, 030, 031, 035, 041 SOSC 017 SPAN 042A*, 042B*, 044A*, 044B* *Cannot Double Count with Humanities 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	No Comparable Course(s)	CSCC 251
----------	--	-------------------------	----------

Information Technology Core			
CSCU 408	Database Management	CIS 031	CSCC 408
CSCU 200	Introduction to Computers and Data Processing	CIS 010	CSCC 200
CSCU 270	Information Systems Security	CIS 061	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>