

INFORMATION TECHNOLOGY (BSIT)

Program Map

Course	Title	Credit Hours
First Year		
Fall		
ENGL 1101	English Composition I (minimum grade of C)	3
MATH 1113	Pre-Calculus (minimum grade of C)	4
Area B1	COMM 1110 Public Speaking or foreign language 1001, 1002, 2001, 2002	3
CPSC 1301K	Computer Science I (minimum grade of C)	4
KINS 1106 or PHED 1205	Lifetime Wellness or Concepts of Fitness	2
Credit Hours		16
Spring		
ENGL 1102	English Composition II (minimum grade of C)	3
MATH 2125	Introduction to Discrete Mathematics (minimum grade of C)	3
CPSC 1302	Computer Science II (minimum grade of C)	3
CPSC 2105	Computer Organization (minimum grade of C)	3
AREA C	Fine Arts Elective	3
Area B2	ITDS 1779 (2), LEAD 1705 (2), PERS 1506 (1; may be repeated with different topic), PERS 1507 (2)	1
Credit Hours		16
Second Year		
Fall		
STAT 1401	Elementary Statistics (Area D course)	3
CYBR 2159	Fundamentals of Computer Networks (minimum grade of C)	3
BUSA 2100	Introduction to Information Systems in Business	3
AREA C	Humanities Elective	3
AREA D	Science Elective with Lab	4
Credit Hours		16
Spring		
CPSC 3118	Graphical User Interface Development (minimum grade of C)	3
CYBR 2160	Intro to Information Security (minimum grade of C)	3
MISM 3109	Principles of Information Technology Management for Non-Business Majors (minimum grade of C)	3
HIST 2111 or HIST 2112	U. S. History to 1865 or U. S. History since 1865	3
AREA E	Social Sciences Elective (World Culture)	3

CPSC 3415	Information Technology (IT) Practicum (minimum grade of C)	1
Credit Hours		16
Third Year		
Fall		
CPSC 3165	Professionalism in Computing (minimum grade of C)	3
AREA I	General Elective	3
Area H	CPSC/CYBR/MISM Elective (minimum grade of C)	2
AREA E	Behavioral Science Elective	3
POLS 1101	American Government	3
CPSC 3415	Information Technology (IT) Practicum (minimum grade of C)	1
Credit Hours		15
Spring		
CPSC 3131	Database Systems I (minimum grade if C)	3
Area H	CPSC/CYBR/MISM Upper-Division Elective (minimum grade of C)	3
Area W	PEDS Elective	1
AREA I	General Elective	3
ENGL 5195U	Technical and Scientific Writing	3
CPSC 3415	Information Technology (IT) Practicum (minimum grade of C)	1
Credit Hours		14
Fourth Year		
Fall		
MISM 4168	Systems Analysis & Design (minimum grade of C)	3
AREA H	CPSC/CYBR/MISM Upper-Division Elective (minimum grade of C)	3
Area D	Science Elective with Lab	4
AREA I	General Elective	3
AREA I	General Elective	3
Credit Hours		16
Spring		
CPSC 4205	IT Senior Capstone (minimum grade of C)	3
MISM 4165	Project Management (minimum grade of C)	3
CPSC 4000	Baccalaureate Survey	0
Area H	CPSC/CYBR/MISM Elective (minimum grade of C) ¹	3
Area H	CPSC/CYBR/MISM Elective (minimum grade of C) ¹	3
AREA I	General Elective	2
Credit Hours		14
Total Credit Hours		123

¹ Must be a pair of courses: CPSC 2125 Internet Programming-CPSC 4125 Server-Side Web Development or CPSC 3111 COBOL Programming-CPSC 3156 Transaction Processing or CYBR 3106 Cybersecurity Risk Management-CYBR 3119 Fundamentals of Digital Forensics.

Additional Notes

This program map illustrates appropriate coursework for completing a degree within four years, provided that course grades allow for earned credit. Please consult with your advisor to determine when courses can be switched out with others and taken in a different semester or sequence than illustrated since not all courses are taught every semester.

- This map is for illustrative purposes only and does not constitute a legal contract on the part of CSU since degree requirements or course offerings could change. As always, check with your advisor.
- Students must complete "Area A " (ENGL 1101 English Composition I, ENGL 1102 English Composition II, and MATH 1001 Quantitative Skills and Reasoning or higher) prior to reaching 30 hours and earn a "C" or higher in ENGL 1101 and 1102.
- As of Fall 2013, all undergraduate students are required each semester to meet the 2.0 institutional GPA standard for satisfactory academic progress.