

INFORMATION SYSTEMS (BS)

This program prepares students with a holistic background in technology management including all elements that comprise an organization's digital transformation. Topics include discovery of cutting-edge technologies, cyber defense, information science, data analytics and traditional and agile project management. An understanding of artificial intelligence (AI) and its implication in automating a lean, competitive workplace of the future will be explored.

General Education Requirements

All degree seeking undergraduate students must complete the general education (<http://catalog.csp.edu/archive/2021-2022/undergraduate/academic-information/general-education-requirements/>) requirements.

Degree Requirements

Bachelor of Science (<http://catalog.csp.edu/archive/2021-2022/undergraduate/academic-information/graduation-requirements/#bs>) degree consists of a major of typically 45 to 60 credits, general education courses, and elective courses totaling a minimum of 120 credits.

Code	Title	Credits
ITM 305	Introduction to Computer-Based Information Systems	4
ITM 342	Project and Lifecycle Management	4
ITM 400	Managing Technology Organizations	4
ITM 410	Foundations of Cyber Security and Network Defense	4
ITM 420	Applied Systems Analysis and Design	4
BUS 388	Business Analytics, Tools & Techniques	4
CSC 230	Database Design	4
ITM 440	Applied Research Project	4
ITM 425	Digital Transformation of Business	4
ITM 345	The Evolution of Agile Management	4
ITM 434	Fundamentals of Artificial Intelligence	4
Students will select one course from the list below:		4
CSC 115	Introduction to Python (4)	
CSC 135	Client-Side Web Development (4)	
CSC 210	Microsoft Excel Core (4)	
Total Credits		48