

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/undergraduate/academic-information/general-education-requirements/>) requirements.

Degree Requirements

Bachelor of Science (<http://catalog.csp.edu/undergraduate/academic-information/graduation-requirements/#bs>) degree consists of a major of typically 30 to 60 credits, general education courses, upper-level requirements, 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
ITM 425	Digital Transformation of Business	4
CSC 230	Database Design	4
ITM 345	The Evolution of Agile Management	4
ITM 434	Fundamentals of Artificial Intelligence	4
CSC 210	Microsoft Excel Core	4
ITM 440 or CSC 498	Applied Research Project Computer Science Internship	4
Total Credits		44