Jefferson
Thomas Jefferson University
HOME OF SIDNEY KIMMEL MEDICAL COLLEGE

INFORMATION TECHNOLOGY (BS)

Program Description

- Continuing & Professional Studies, Accelerated Program

Building on foundational courses in information systems, hardware, operating systems, and software development, the curriculum covers major information technology (IT) domains including database, systems analysis and design, networking, cloud, and cybersecurity. The program concludes with integrative courses in IT process and service management and the capstone course.

Curriculum: 120 credits

Code	Title	Credits
CPS General Education Requirements		
Written Communication Elective		3
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Science Elective		3
Math Elective		3
COMM 220		3
PHIL 222		3
Social Science Elective		3
Foundation Requirements		
CSSX 101	Learning Across the Lifespan	3
FINX 201	Acct & Fin for Nonfin Leaders	3
Creativity & Leadership Core		
CLCX 310	Creativity Fnds & Applications	3
CLCX 330	Project Management	3
CLCX 340	Leading Diverse Organizations	3
CLCX 350	Creative Leadership	3
CLCX 360	Leadership in the Digital Age	3
Major Requirements		
ITX 211	Intro to Information Systems	3
or MISX 211	Management Information Systems	
ITX 221	Hardware & Operating Systems	3
ITX 241	Software Development	3
ITX 320	Database Management	3
ITX 321	Systems Analysis & Design	3
ITX 322	Network Management	3
ITX 323	Cloud Management	3
ITX 324	Cybersecurity Management	3
ITX 325	IT Process & Service Mgmt	3
ITX 498	Information Tech Capstone	3
Electives		**48**
Total Credits		**120**