

# INFORMATION TECHNOLOGY, BS

The Information Technology major prepares future managers and analysts to use information technology to help people and organizations perform more efficiently and effectively. As information technology spreads throughout an organization's structure, information managers interact with all the components of an organization. The IT major prepares students with the skills needed to analyze a range of organizational problems and provides them with knowledge of applications of computer and information technology. In consultation with their advisors, students are encouraged to use their elective courses to select an application track in a discipline that relies heavily on information technology. These tracks include business and management, biology, health care management, education, and nursing. IT major are encouraged to select a concentration in one of the following areas: Business, Financial Management, International Business or Marketing. Minors in Business, Entrepreneurship, Interactive Multimedia, Project Management or Sports Management or Project Management or Entrepreneurship are also available

## Requirements

Code	Title	Hours
<b>General Education Program</b>		
Understanding College (FS)		1
Writing and Presentation (WR1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1105	College Algebra	
Information Literacy, Media and Research (ITML)		3
IT-1001	Computer Tools	
Creative Voices Across Cultures (HCE)		6
ENT-1777	Design Thinking and Innovation	
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
BUS-2004	Corporate Social Responsibility in Film Career	
Individuals and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ENT-1001	Introduction to Entrepreneurship	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
HS-1001	Health Issues	
Religion and Culture (RS)		3
<b>Information Technology Major</b>		
BUS-1001	Organization and Management	3
IT-1102	Multimedia Design	3
IT-1103	Computer-Based Information Systems	3
IT-1104	Programming I	3
IT-2201	Telecommunications and Networking	3
IT-2410	Web Design	3
IT-2510	Database Management Systems	3
IT-3101	Information Technology Law and Ethics	3
IT-3301	Project Management	3
IT-3310	Systems Analysis and Design	3

IT-3410	E-Commerce Integration	3
Select SIX IT or PM courses		18
IT-4998	Capstone Project	4
Liberal Arts ( <a href="https://catalog.sfc.edu/catalogue/general-information/academic-life/academic-policies/#liberalarts">https://catalog.sfc.edu/catalogue/general-information/academic-life/academic-policies/#liberalarts</a> ) <sup>2</sup>		18
<b>Total Hours</b>		<b>121-127</b>

<sup>1</sup> Must pass IT-4998 Capstone Project with a B or better.

<sup>2</sup> Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category. For specific academic subjects, see here (<https://catalog.sfc.edu/catalogue/general-information/academic-life/academic-policies/#liberalarts>).

In keeping with our mission at St. Francis College, the courses you take across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

## Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

## Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

## Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.