Saint Louis University

School of Accountancy, Management, Computing and Information Studies (SAMCIS)

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT)

Effective Academic Year 2025-2026

FIRST YEAR

COURSE NO.	DESCRIPTIVE TITLE	UNITS	CO / PRE-REQUISITES
1st Semester			
ITCC111	Introduction to Computing	2	
ITCC111L	Introduction to Computing (Lab)	1	
ITCC112	Computer Programming 1	2	
ITCC112L	Computer Programming 1 (Lab)	1	
ITPC113	Discrete Mathematics	3	
GART	Art Appreciation	3	
GPCOM	Purposive Communication	3	
GSELF	Understanding the Self	3	
CFE 101	God's Journey With His People	3	
FIT HW	Physical Activity Towards Health and Fitness (Health and Wellness)	2	
	TOTAL	**23**	
2nd Semester			
ITPC121	Information System Fundamentals	3	ITCC111
ITCC122	Computer Programming 2	2	ITCC112
ITCC122L	Computer Programming 2 (Lab)	1	ITCC112
ITPC123	Platform Technologies	2	ITCC111
ITPC123L	Platform Technologies (Lab)	1	ITCC111
GMATH	Mathematics in the Modern World	3	
GHIST	Readings in Philippine History	3	
GCORDI	Cordillera: History and Socio-Cultural Heritage	3	
CFE 102	Christian Morality in Our Times	3	CFE 101
FIT CS	Physical Activity Towards Health and Fitness (Combative Sports)	2	
	TOTAL	**23**	
Short Term			
ITPC131	Computer Architecture and the Internet of Things	2	ITCC111, ITCC112, ITPC123
ITPC131L	Computer Architecture and the Internet of Things (Lab)	1	ITCC111, ITCC112, ITPC123
GCWORLD	The Contemporary World	3	
GETHICS	Ethics	3	
	TOTAL	**9**	

SECOND YEAR

COURSE NO.	DESCRIPTIVE TITLE	UNITS	CO / PRE-REQUISITES
1st Semester			
ITPC211	Requirements Analysis & Modeling	3	ITPC121
ITCC212	Data Structures & Algorithms	2	ITCC122
ITCC212L	Data Structures & Algorithms (Lab)	1	ITCC122
ITPC213	Network Fundamentals	2	ITPC123, ITPC131
ITPC213L	Network Fundamentals (Lab)	1	ITPC123, ITPC131
GRIZAL	The Life and Works of Rizal	3	
GSTS	Science, Technology, and Society	3	
NSTP-CWTS 1	Foundations of Service	3	
CFE 103	Catholic Foundation of Mission	3	CFE 102
FIT OA	Physical Activity Towards Health and Fitness (Outdoor and Adventure Activities)	2	
	TOTAL	**23**	
2nd Semester			
ITCC221	Information Management	2	ITCC212
ITCC221L	Information Management (Lab)	1	ITCC212
ITPC222	Integrative Programming	2	ITCC212
ITPC222L	Integrative Programming (Lab)	1	ITCC212
ITPC223	Human Computer Interaction	3	
GENTREP	The Entrepreneurial Mind	3	
GENVI	Environmental Science	3	
NSTP-CWTS 2	Social Awareness and Empowerment for Service	3	NSTP-CWTS 1
CFE 104	CICM Missionary Identity	3	CFE 103
FIT AQ	Physical Activity Towards Health and Fitness (Aquatics)	2	
	TOTAL	**23**	
Short Term			
ITPC231	Cybersecurity	2	ITCC212, ITPC213
ITPC231L	Cybersecurity (Lab)	1	ITCC212, ITPC213
ITPC232	Technology-Assisted Presentation	3	
ITPC233	Social and Professional Issues in Information Technology	3	
	TOTAL	**9**	

THIRD YEAR

COURSE NO.	DESCRIPTIVE TITLE	UNITS	CO / PRE-REQUISITES
1st Semester			
ITCC311	Applications Development	2	ITCC122, ITPC222
ITCC311L	Applications Development (Lab)	1	ITCC122, ITPC222
ITPC312	Web Technologies	2	ITCC212, ITCC221
ITPC312L	Web Technologies (Lab)	1	ITCC212, ITCC221
ITPC313	Software Engineering	3	ITPC211
ITPC314	Technopreneurship	3	GENTREP, ITCC111
ITPC315	IT Resource Management	3	ITPC313
ITE	Elective 1	3	GSELF, ITCC111
CFE 105A	CICM in Action: Justice, Peace, and Integrity of Creation, Indigenous Peoples, and Interreligious Dialogue	1.5	CFE 104
	TOTAL	**19.5**	
2nd Semester			
ITPC321	Capstone Project 1	3	3rd year standing
ITPC322	Data Analytics	2	3rd year standing
ITPC322L	Data Analytics (Lab)	1	3rd year standing
ITPC323	System Administrative & Maintenance	2	ITPC213
ITPC323L	System Administrative & Maintenance (Lab)	1	ITPC213
ITPC324	System Integration & Architecture	3	ITPC131, ITPC222
ITPC325	Field Trips & Seminars	3	
ITE	Elective 2	3	3rd year standing
CFE 105B	CICM in Action: Environmental Planning and Management and Disaster Risk Reduction Management	1.5	CFE 105A
	TOTAL	**19.5**	
Short Term			
ITPC331	Social and Personal Development in the ICT Workplace	3	
ITE	Elective 3	3	3rd year standing
ITE	Elective 4	3	3rd year standing
	TOTAL	**9**	

FOURTH YEAR

COURSE NO.	DESCRIPTIVE TITLE	UNITS	CO / PRE-REQUISITES
1st Semester			
ITPC411	Capstone Project 2	3	ITPC321
FOR LANG 1	Foreign Language	3	
ITPC412	Information Assurance & Security	2	ITPC231, ITE14, ITE26
ITPC412L	Information Assurance & Security (Lab)	1	ITPC231, ITE14, ITE26
CFE 106A	Embracing the CICM Mission	1.5	CFE 105B
	TOTAL	**10.5**	
2nd Semester			
ITPC421	Practicum	9	4th year standing
CFE 106B	Embracing the CICM Mission	1.5	CFE 106A
	TOTAL	**10.5**	

TOTAL UNITS: 179

IT ELECTIVES

COURSE NO.	DESCRIPTIVE TITLE	UNITS	CO / PRE-REQUISITES
ITE 10	UX Concepts & Design	3	3rd year standing
ITE 11	Data Mining (Lec & Lab)	2/1	3rd year standing
ITE 12	Game Design & Development (Lec & Lab)	2/1	3rd year standing
ITE 13	Advanced Application Development (Lec & Lab)	2/1	3rd year standing
ITE 14	IT Security Management	3	ITPC231, ITE26
ITE 15	Mobile Computing (Lec & Lab)	2/1	3rd year standing
ITE 16	Advanced Information Management	3	3rd year standing
ITE 17	Information Technology Certification Review	3	3rd year standing
ITE 18	Blockchain Technology	3	3rd year standing
ITE 19	IT Current Trends 1	3	3rd year standing
ITE 20	IT Current Trends 2	3	3rd year standing
ITE 21	IT Special Topics 1	3	3rd year standing
ITE 22	IT Special Topics 2	3	3rd year standing
ITE 23	Artificial Intelligence (Lec & Lab)	2/1	3rd year standing
ITE 24	Advanced Web Technologies (Lec & Lab)	2/1	3rd year standing
ITE 25	Cloud Computing Technologies (Lec & Lab)	2/1	3rd year standing
ITE 26	Advanced Cybersecurity	3	ITPC231

Units shown as 2/1 = 2 lecture units / 1 laboratory unit.