



**UNIVERSITY OF SAN JOSE-RECOLETOS**  
 COLLEGE OF INFORMATION, COMPUTER AND COMMUNICATIONS TECHNOLOGY  
 BASAK CAMPUS, CEBU CITY

**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**  
 (EFFECTIVE 2015-2016)  
 (Ladder type Curriculum-First two years)  
**ASSOCIATE IN COMPUTER TECHNOLOGY (ACT)**

ID NO.	
NAME	
ADVISER	
BATCH NO.	
CONTACT NO./ E-MAIL AD	

**FIRST YEAR**

**FIRST SEMESTER**

FG	COURSE NO.	DESCRIPTION	UNITS	PREREQUISITES
	COMP 1	Introduction to Computing	3	None
	PROG1	Computer Programming 1	3	None
	MATH 1	College Algebra	3	None
	MATH 2	Plane Trigonometry	3	None
	ENGLISH 1	Study and Thinking Skills	3	None
	REED 1	Revelation and Faith	3	None
	PE 1	Physical Fitness	2	None
	ROTC/CWTS 11	Reserved Officer Training Corps/Civic Welfare Training Service	3	None
	GUIDANCE 1	Adjustment to College Life Phase 1	0	None
			23	

**FIRST YEAR**

**SECOND SEMESTER**

FG	COURSE NO.	DESCRIPTION	UNITS	PREREQUISITES
	DISCRETE 1	Discrete Structures 1	3	MATH 1
	PROG2	Computer Programming 2	3	PROG1
	WEB	Web Development	3	COMP 1
	MATH 4	Analytic Geometry	3	MATH1, MATH2
	ENGLISH 2	Writing in the Discipline	3	ENGLISH 1
	REED 2	Christology	3	REED 1
	PE 2	Rhythmic Activities	2	PE 1
	ROTC/CWTS 12	Reserved Officer Training Corps/Civic Welfare Training Service	3	ROTC/CWTS 11
	GUIDANCE 2	Adjustment to College Life Phase 2	0	GUIDANCE 1
			23	

**SECOND YEAR**

**FIRST SEMESTER**

FG	COURSE NO.	DESCRIPTION	UNITS	PREREQUISITES
	DATASTRUCT 1	Data Structures and Algorithms	3	PROG2
	DIGITAL	Digital Logic Design	3	COMP 1
	PT	Platform Technologies	3	PROG 2
	CHEM 1	General Chemistry (Lec/Lab)	3	None
	ENGLISH 3	Speech Improvement & Oral Communication	3	ENGLISH 2
	HUMANITIES I	Art Appreciation	3	None
	REED 3	Church and Sacraments	3	REED 2
	PE 3	Individual and Dual Sports/Games	2	PE 2
			23	

**SECOND YEAR**

**SECOND SEMESTER**

FG	COURSE NO.	DESCRIPTION	UNITS	PREREQUISITES
	PSYCHO 1	Gen. Psychology w/ Drug Addiction and Prevention	3	None
	OOP	Object Oriented Programming	3	DATASTRUCT 1
	IM 1	Information Management 1	3	DATASTRUCT 1
	NET 1	Data Communications and Networking 1	3	PT, DIGITAL
	MATH 7	Statistics and Probabilities	3	None
	ENGLISH 4	Philippine Literature	3	ENGLISH 2
	REED 4	Christian Morality	3	REED 3
	PE 4	Team Sports/Games	2	PE 3
			23	

**SUMMER**

FG	COURSE NO.	DESCRIPTION	UNITS	PREREQUISITES
	QM	Quantitative Methods	3	MATH 7
	SP	Social Issues and Professional Practice	3	None
	HCI	Human Computer Interaction	3	PROG 2
			9	

**THIRD YEAR**

**FIRST SEMESTER**

FG	COURSE NO.	DESCRIPTION	UNITS	PREREQUISITES
	IM 2	Information Management 2	3	IM 1
	NET 2	Networking 2	3	NET 1
	IT ELEC 1	IT Elective 1	3	OOP
	APPSDEV 1	Applications Development and Emerging Technologies 1	3	DATASTRUCT 1, IM 1
	SAD	Systems Analysis and Design	3	DATASTRUCT 1, IM 1
	OS	Operating Systems	3	PT
	ACCTG A	Fundamentals of Accounting	3	None
	FILIPINO 1	Komunikasyon sa Akademikong Filipino	3	None
			24	

**THIRD YEAR**

**SECOND SEMESTER**

FG	COURSE NO.	DESCRIPTION	UNITS	PREREQUISITES
	IAS	Information Assurance and Security	3	PT, NET 2
	IT ELEC 2	IT Elective 2	3	IT ELEC 1
	SIA	System Integration and Architecture	3	SAD
	RESEARCH	Methods of Research in Computing	3	SAD
	IM 3	Information Management 3	3	IM 2
	TECHNO	Technopreneurship	3	ENGL 3, 3 <sup>rd</sup> YEAR STANDING
	FILIPINO 2	Pagbasa't Pagsulat tungo sa Pananaliksik	3	FILIPINO 1
	PHYS 1	College Physics 1 (Lec/Lab)	3	None
			24	

**SUMMER**

FG	COURSE NO.	DESCRIPTION	UNITS	PREREQUISITES
	CAPSTONE 1	Capstone Project 1	3	IT ELEC 2, RESEARCH
	IPT	Integrative Programming and Technologies	3	OOP, NET 2
	IT ELEC 3	IT Elective 3	3	IT ELEC 2
			9	

**FOURTH YEAR**

**FIRST SEMESTER**

FG	COURSE NO.	DESCRIPTION	UNITS	PREREQUISITES
	SA	Systems Administration and Maintenance	3	PT, NET 2
	CAPSTONE 2	Capstone Project 2	3	CAPSTONE 1
	POLSCI 1	Phil. History, Government and Constitution	3	None
	ITREVIEW	Certification Exam Review	3	4 <sup>th</sup> YEAR STANDING
	RIZAL	Life, Works and Writings of Dr. Jose Rizal	3	None
	ECON 1	Economics with Taxation and Agrarian Reform	3	None
	SOCIO 1	Society and Culture	3	None
	PHILO 1	Logic	3	None
			24	

**FOURTH YEAR**

**SECOND SEMESTER**

FG	COURSE NO.	DESCRIPTION	UNITS	PREREQUISITES
	PRAC	Practicum	6	4 <sup>th</sup> YEAR STANDING
	SEMTOUR	Seminars and Tours	3	4 <sup>th</sup> YEAR STANDING
			9	

**IMPORTANT GUIDELINES :**

The student is NEVER ALLOWED to enroll in a subject without having finished/passed the subject's pre-requisites. The department may not give credit to subjects not taken in the proper order.

The student is eligible to enroll ITREVIEW and SEMTOUR after completing 70% of the total number of units (MAJOR COURSES) in the curriculum.

The student is required to render **full-time internship** in the second semester of his fourth year.

**List of Electives**

**Web App Development Track  
(A)**

IT ELECTIVE 1	Web Application Development 1
IT ELECTIVE 2	Web Application Development 2
IT ELECTIVE 3	Web Application Development 3

**Mobile App Development Track  
(B)**

Mobile Application Development 1
Mobile Application Development 2
Mobile Application Development 3

**Multimedia App Dev Track  
(C)**

Multimedia Application Development 1
Multimedia Application Development 2
Multimedia Application Development 3