



**SAN ISIDRO COLLEGE**  
Impalambong, Malayabalay City  
**Bachelor of Science in Information Technology**  
Proposed for SY 2018-2019

**FIRST YEAR**

**FIRST YEAR – FIRST SEMESTER**

SUBJ CODE	DESCRIPTIVE TABLE	Grade		Units	Pre-Req
		Fail	Pass		
GEC 101	Understanding Self			3	None
GEC 102	Mathematics in the Modern World			3	None
FIL 100	Malikhaing Kasanayan sa Komposition at Paghasa sa Filipino			3	None
IT 101	Intro to Computing			3	None
IT 102	IT Fundamentals			3	None
IT 103	Computer Programming 1			3	None
THEO 1	Anthropology and Spirituality			3	None
IGP 101	Isidran Guidance Program			1	None
NSTP 1	Civic Welfare Training Services			3	None
PATH-FIT 101	Movement Competency Training			2	None
				27	

**FIRST YEAR – SECOND SEMESTER**

SUBJ CODE	DESCRIPTIVE TABLE	Grade		Grade	Pre-Req
		Fail	Pass		
GEC 103	Reading in Philippine History			3	None
GEC 104	Purposive Communication			3	None
IT 104	Computer Programming 2			3	IT 103
IT 105	Discrete Structures 1			3	GEC 102
IT 106	Web System & Technology			3	IT 101
IT Elect 1	Fundamentals of Business Outsourcing			3	None
Theo 102	Marriage and Family Life			3	None
IGP 102	Isidran Guidance Program 2			1	IGP 1
NSTP 2	Civic Welfare Training Services 2			3	NSTP 1
PATH-FIT 102	Fitness Training			2	PATH-FIT 101
				27	

**SECOND YEAR**

**SECOND YEAR – FIRST SEMESTER**

SUBJ CODE	DESCRIPTIVE TABLE	Grade		Grade	Pre-Req
		Fail	Pass		
GEC 105	Cotemporary World			3	None
GEC 107	Arts Appreciation			3	None
IT 201	Data Structure And Algorithm			3	IT 104
IT 202	Social and Professional Issues			3	IT 102
IT 203	Object-Oriented Programming			3	IT 104
IT Prof EL 1	Fundamentals of Business Analysis			3	IT 104, IT 305
Theo 103	Vocation and Mission			2	None
PATH-FIT103	Dance			2	PATH-FIT 102
				22	

**SECOND YEAR – SECOND SEMESTER**

SUBJ CODE	DESCRIPTIVE TABLE	Grade		Grade	Pre-Req
		Fail	Pass		
GEC 108	Science Technology and Society			3	None
GEL 103	Gender & Development			3	None
IT 204	Information Management			3	IT 201
IT 205	Fundamentals of Networking			3	IT 201
IT 206	Event Driven Programming			3	IT 203
IT 207	Multimedia System			3	IT 106
Acctng 1	Fundamentals of Accounting			3	None
Theo 104	Sacrament Technology			2	None
PATH-FIT 104	Sports			2	PATH-FIT 103
				27	

**THIRD YEAR**

**THIRD YEAR – FIRST SEMESTER**

SUBJ CODE	DESCRIPTIVE TABLE	Grade		Grade	Pre-Req
		Fail	Pass		
GEC 106	Ethics			3	None
GEL 101	Environment Science			3	None
IT 301	Fundamentals of Information Assure & Security			3	IT 202
IT 302	Database Management System			3	IT 206
IT 303	Advance Networking			3	IT 205
IT 304	Application Development & Emerging Technologies			3	IT 204, IT 205
IT 305	Human Computer Interaction 1			3	IT 102
IT 306	System Integration Architecture			3	IT 307
Research 1	Methods of Research in Computing			3	Third Year Level
				27	

**THIRD YEAR – SECOND SEMESTER**

SUBJ CODE	DESCRIPTIVE TABLE	Grade		Grade	Pre-Req
		Fail	Pass		
GEL 102	Great Books/World Masterpiece			3	None
GEC 109	Life and Works of Rizal			3	None
IT 307	Advance Information Assurance & Security			3	IT 301
IT Elec 2	System Integration Architecture 2			3	IT 304
IT 308	Intangible Technologies			3	IT 304
Techno	Technopreneurship			3	3 <sup>rd</sup> Year Level
IT Prof EL 2	Human Computer Interaction 2			3	IT 305
Capstone 1	Capstone			3	IT 304
				27	

**SUMMER**

SUBJ CODE	DESCRIPTIVE TABLE	Grade		Grade	Pre-Req
		Fail	Pass		
IT 309	Advance Database Management System			3	IT 302
IT Prof EL 3	Data Mining			3	IT 308
				6	

**FOURTH YEAR**

**Fourth Year – FIRST SEMESTRY**

SUBJ CODE	DESCRIPTIVE TABLE	Grade		Units	Pre-Req
		Fail	Pass		
Capstone 2	Capstone Project 2			3	Capstone 1
IT 401	System Administration & Maintenance			3	IT 309
IT Prof EL 4	Tangible Technologies			3	IT 308
				9	

**Fourth Year – FIRST SEMESTRY**

SUBJ CODE	DESCRIPTIVE TABLE	Grade		Units	Pre-Req
		Fail	Pass		
Prac	Practicum (486 hours)			3	Complete Academic Course Work
SemTour	Seminars and Fieldtrip			3	
				6	

BSIT CURRICULUM COMPONENTS		Hours		Units
		Lec	Lab	
General Education				
GEC 101	Understanding the Self	3		3
GEC 102	Mathematics in the Modern World	3		3
FIL 100	Malikhaing Kasanayan sa Komposisyon At Pagsulat sa Filipino	3		3
GEC 103	Reading in the Philippine History	3		3
GEC 104	Purposive Communication	3		3
GEC 105	The Cotemporary World	3		3
GEC 106	Ethics	3		3
GEC 107	Arts Appreciation	3		3
GEC 108	Science, Technology and Society	3		3
GEC 109	The Life and Works of Rizal	3		3
GEL 101	Environment Science	3		3
GEL 102	Great Books/ World Master Pices	3		3
GEL 103	Gender And Society	3		3
TOTAL NO. OF UNITS		39		39
Common Courses				
IT 101	Intro Computing	2	3	3
IT 103	Computer Programming 1	2	3	3
IT 104	Computer Programming 2	2	3	3
IT 201	Data Structures and Algorithms	2	3	3
IT 204	Information Management	2	3	3
IT 304	Application Development and Emerging Technologies	2	3	3
TOTAL NO. OF UNITS		12	18	18
Professional Courses				
IT 102	IT Fundamentals	3		3
IT 105	Discrete Structures	3		3
IT 106	Web System and Technology	2	3	3
IT 202	Social and Professional Issues	3		3
IT 203	Object-Oriented Programming	2	3	3
IT 205	Fundamentals of Networking	2	3	3
IT 206	Event Driven Programming	2	3	3
IT 207	Multimedia Systems	2	3	3
IT 301	Fundamentals of information Assurance and Security	3		3
IT 302	Database Management System	2	3	3
IT 303	Advanced Networking	2	3	3
IT 305	Human Computer Interaction 1	2	3	3
IT 306	Advanced Information Assurance and Security	3		3
IT 307	System Integration Architecture 1	2	3	3
IT 308	Intangible Technologies	2	3	3
IT 309	Advanced Database Management System	2	3	3
IT 401	System Administration and Maintenance	2	3	3
Capstone 1	Capstone Project 1	3		3
Capstone 2	Capstone Project 2	3		3
TOTAL NO. OF UNITS		45	36	57
Recommended Professional Electives				
IT Prof EL 1	Fundamentals of Business Analytics	3		3
IT Prof EL 2	Human Computer Interaction 2	2	3	3
IT Prof EL 3	Data Mining	2	3	3
IT Prof EL 4	Tangible Technologies	3		3
TOTAL NO. OF UNITS		10	6	12

Specialization Tracks (Additional Professional or Domain Courses)				
IT Elect 1	Fundamentals of Business Process Outsourcing	3		3
IT Elect 2	System Integration Architecture 2	2	3	3
Techno	Technopreneurship	3		3
Research 1	Methods of Research in Computer	3		3
Prac	Practicum (468 hours)			6
Sem Tour	Seminars and Tours			3
TOTAL NO. OF UNITS		11	3	21
Physical Education (PE)				
PE 1	Physical Fitness Activities	2		2
PE 2	Fundamental Rhythmic	2		2
PE 3	Individual/Dual Sports/Games	2		2
PE 4	Team Sports/Games	2		2
TOTAL NO. OF UNITS		8		8
NSTP		6		6
SIC Courses				
IGP 101	Isidran Guidance Program 1	1		1
IGP 102	Isidran Guidance Program 2	1		1
Theo 101	Anthropology and Spirituality	3		3
Theo 102	Marriage and Family Life	3		3
Theo 103	Vocation and Mission	2		2
Theo 104	Sacrament Technology	2		2
TOTAL NO. OF UNITS		12		12
Accounting				
Acctng 1	Fundamentals of Accounting	3		3
TOTAL NO. OF UNITS		143		176

BSIT PROGRAM COMPONENTS

	Units	
General Education	39	
Common Courses	18	
Major Subjects Professional Courses (48 minimum from CHED)	57	
Recommended Professional Electives	12	
Specialization Tracks Additional Professional or Domain Course	21	
PE	8	
NSTP	6	
SIC Courses	12	
Accounting	3	
Total	176	

