

Colegio de San Juan de Letran Calamba

Bo. Bucal, City of Calamba, Laguna

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Curriculum Year 2018-2019

Course Code	Course Title	Lec	Lab		Total	PRE-REQUISITES/ CO-REQUISITES
		Units/Hrs	Units	Hrs		
FIRST YEAR, First Semester						
COMP303	Introduction to Computing	3			3	
COMP312	Computer Programming I	2			2	co req COMP311L
COMP311L	Computer Programming I Lab		1	3	1	co req COMP312
CSIT332	Intro to Human Computer Interaction	2			2	co-req CSIT331L
CSIT331L	Intro to Human Computer Interaction Lab		1	3	1	co-req CSIT332
GEC063	Purposive Communication	3			3	
NSTP1-18	National Service Training Program 1	3			3	
PE002-18	Physical Fitness and Related Activities	2			2	
RELED051	The Catholic Christian Faith	1			1	
	Total	16	2	6	18	
FIRST YEAR, Second Semester						
COMP042	Data Structures and Algorithms	2			2	CSIT332, co-req COMP041L
COMP041L	Data Structures and Algorithms Lab		1	3	1	CSIT331L, co-req COMP042
COMP332	Computer Programming II	2			2	COMP312, co-req COMP331L
COMP331L	Computer Programming II Lab		1	3	1	COMP311L, co-req COMP332
FIL083	Komunikasyon Sa Akademikong Filipino	3			3	
GEC003	Understanding the Self	3			3	
GEC073	Ethics	3			3	
MATH283	Discrete Mathematics	3			3	COMP303
NSTP2-18	National Service Training Program 2	3			3	NSTP1-18
PE022-18	Rythmic Activities	2			2	PE002-18
	Total	21	2	6	23	
SECOND YEAR, First Semester						
COMP112	Information Management	2			2	COMP042, co-req COMP111L
COMP111L	Information Management Lab		1	3	1	COMP041L, co-req COMP112
CSIT111A-L	Web Technologies I		1	3	1	COMP332, COMP331L
CSIT132	Quantitative Methods	2			2	COMP042, COMP041L, co-req CSIT131L
CSIT131L	Quantitative Methods Lab		1	3	1	COMP042, COMP041L, co-req CSIT132
CSIT252A	Networking I	2			2	COMP303, co-req CSIT251A-L
CSIT251A-L	Networking I Lab		1	3	1	COMP303, co-req CSIT252A
CSIT362A	Object Oriented Programming I	2			2	COMP332, co-req CSIT361A-L
CSIT361A-L	Object Oriented Programming I Lab		1	3	1	COMP331L, co-req CSIT362A
FIL093	Pagbasa at Pagsulat Tungo sa Pananaliksik	3			3	FIL083
GEC053	Art Appreciation	3			3	
PE032-18	Individual/Dual Sports	2			2	PE002-18
RELED063	Contemporary Issues in Christian Marriage	3			3	RELED051
	Total	19	5	15	24	
SECOND YEAR, Second Semester						
CSIT111B-L	Web Technologies II		1	3	1	CSIT111A-L
CSIT252B	Networking II	2			2	CSIT252A, co-req CSIT251B-L
CSIT251B-L	Networking II Lab		1	3	1	CSIT251A-L, co-req CSIT252B
CSIT312	Database Systems	2			2	COMP112, co-req CSIT311L
CSIT311L	Database Systems Lab		1	3	1	COMP111L, co-req CSIT312
CSIT372	Integrative Programming and Technologies I	2			2	CSIT362A co-req CSIT371L
CSIT371L	Integrative Programming and Technologies I Lab		1	3	1	CSIT361A-L, co-req CSIT372
CSIT401A-L	Robotics I		1	3	1	CSIT252A, CSIT251A-L
GEC023	Mga Babasahin Hinggil sa Kasaysayan ng Pilipinas	3			3	
ITELEC-1	IT Elective 1	3			3	COMP112, COMP111L
LQEC971	Letran Quality Enrichment Course 97		1	3	1	
PE042-18	Team Sports	2			2	PE002-18
RELED073	Contemporary Issues About Church and Human Society with Immersion	3			3	RELED051
	Total	17	6	18	23	
THIRD YEAR, First Semester						
CSIT121A-L	Mobile Programming I		1	3	1	CSIT362A, CSIT361A-L
CSIT173	System Analysis and Design	3			3	CSIT312, CSIT311L
CSIT342A	Information Assurance and Security I	2			2	CSIT372 co-req CSIT341A-L
CSIT341A-L	Information Assurance and Security I Lab		1	3	1	CSIT371L, co-req CSIT342A
CSIT362B	Object-Oriented Programming II	2			2	CSIT362A, co-req CSIT361B-L
CSIT361B-L	Object-Oriented Programming II Lab		1	3	1	CSIT361A-L, co-req CSIT362B
CSIT401B-L	Robotics II		1	3	1	CSIT401A-L
FIL113	Panitikang Filipino	3			3	FIL093
GEC033	Mathematics and the Modern World	3			3	
GEC043	Contemporary World	3			3	
ITELEC-2	IT Elective 2	3			3	ITELEC-1
LQEC981	Letran Quality Enrichment Course 98		1	3	1	LQEC971
	Total	19	5	15	24	
THIRD YEAR, Second Semester						
COMP462	Applications Development and Emerging Technologies	2			2	CSIT342A, co-req COMP461L
COMP461L	Applications Development and Emerging Technologies Lab		1	3	1	CSIT341A-L co-req COMP462
CSIT121B-L	Mobile Programming II		1	3	1	CSIT121A-L
CSIT202	Systems Integration and Architecture	2			2	CSIT173, co-req CSIT201L
CSIT201L	Systems Integration and Architecture Lab		1	3	1	CSIT173, co-req CSIT202

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		Units/Hrs	Units	Hrs		
CSIT342B	Information Assurance and Security II	2			2	CSIT342A, co-req CSIT341B-L, ITELEC-3
CSIT341B-L	Information Assurance and Security II Lab		1	3	1	CSIT341A-L, co-req CSIT342B, ITELEC-3
CSIT423	Systems Administration and Maintenance	3			3	CSIT362B, CSIT361B-L
GEC013	Science, Technology, and Society	3			3	
ITELEC-3	IT Elective 3	3			3	ITELEC-2, co-req CSIT342B, CSIT341B-L
LQEC991	Letran Quality Enrichment Course 99		1	3	1	LQEC981
RZL023	Buhay at Mga Akda ni Rizal	3			3	
Total		18	5	15	23	
THIRD YEAR, Inter-Semester						
IT-CP1	Capstone Project I	3			3	CSIT202, CSIT201L, CSIT342B, CSIT341B-L
Total		3			3	
FOURTH YEAR, First Semester						
CSIT183	Social Issues and Professional Practice	3			3	CSIT342B, CSIT341B-L
IT-CP2	Capstone Project II	3			3	IT-CP1
ITElec-4	IT Elective 4	3			3	ITELEC-3
LQEC1001	Letran Quality Enrichment Course 100		1	3	1	LQEC991
Total		9	1	3	10	
FOURTH YEAR, Second Semester						
IT-PRC6	*Practicum (600 hrs)	6			6	COMP462, COMP461L, CSIT342B, CSIT341B-L
Total		6			6	
GRAND TOTAL					154	

*Practicum - No simultaneous enrolment is allowed.