

Colegio de San Juan de Letran Calamba

Bo. Bucal, City of Calamba, Laguna

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Curriculum Year 2023-2024

Course Code	Course Title	Lec	Lab		Total	PRE-REQUISITES/ CO-REQUISITES
		Units/Hrs	Units	Hrs		
FIRST YEAR, First Semester						
COMP301L-23	Introduction to Computing Lab		1	3	1	co-req COMP301L-23
COMP302-23	Introduction to Computing	2			2	co-req COMP302-23
COMP311L	Computer Programming I Lab		1	3	1	co req COMP312
COMP312	Computer Programming I	2			2	co req COMP311L
CSIT323-23	Introduction to Discrete Structures	3			3	
CSIT331L	Intro to Human Computer Interaction Lab		1	3	1	co-req CSIT 332
CSIT332	Intro to Human Computer Interaction	2			2	co-req CSIT 331L
GEC003	Understanding the Self	3			3	
LQEC23-013	Letran Quality Enrichment Course I (Letran Calamba Identity and 21st Century Learning Skills)	3			3	
	Total	15	3	9	18	
FIRST YEAR, Second Semester						
COMP041L	Data Structures and Algorithms Lab		1	3	1	co-req COMP042
COMP042	Data Structures and Algorithms	2			2	co-req COMP041L
COMP331L	Computer Programming II Lab		1	3	1	COMP312, COMP311L, co-req COMP332
COMP332	Computer Programming II	2			2	COMP312, COMP311L, co-req COMP331L
GEC053	Art Appreciation	3			3	
GEC063	Purposive Communication	3			3	
GEC073	Ethics	3			3	
IT111A-L-23	Web Technologies I Lab		1	3	1	COMP312, COMP311L, co-req IT112A-23
IT112A-23	Web Technologies I	2			2	COMP312, COMP311L, co-req IT111A-L-23
NSTP1-18	National Service Training Program 1	3			3	
PATHFIT1002	Movement Competency Training	2			2	
RELED053	The Catholic Christian Faith	3			3	
	Total	23	3	9	26	
SECOND YEAR, First Semester						
COMP111L	Information Management Lab		1	3	1	COMP042, COMP041L, co req COMP112
COMP112	Information Management	2			2	COMP042, COMP041L, co req COMP111L
CSIT131L	Quantitative Methods Lab		1	3	1	COMP042, COMP041L, co-req CSIT132
CSIT132	Quantitative Methods	2			2	COMP042, COMP041L, co-req CSIT131L
CSIT361L	Object-Oriented Programming Lab		1	3	1	COMP332, COMP331L, co-req CSIT361-L
CSIT362	Object-Oriented Programming	2			2	COMP332, COMP331L, co-req CSIT362
GEC023	Mga Babasahin Hinggil sa Kasaysayan ng Pilipinas	3			3	
GECELEC2	The Entrepreneurial Mind	3			3	
IT111B-L-23	Web Technologies II Lab		1	3	1	IT112A-23, IT111A-L-23, , co-req IT112B-23
IT112B-23	Web Technologies II	2			2	IT112A-23, IT111A-L-23, co-req IT111B-L-23
NSTP2-18	National Service Training Program 2	3			3	NSTP1-18
PATHFIT2022	Exercise Based Fitness Activities	2			2	PATHFIT1002
RELED063	Contemporary Issues in Christian Marriage	3			3	RELED053
	Total	22	4	12	26	
SECOND YEAR, Second Semester						
CSIT141A-L-23	Software Engineering I Lab (Mobile Programming 1)		1	3	1	CSIT362, CSIT361L, co-req CSIT142A
CSIT142A	Software Engineering I	2			2	CSIT362, CSIT361L, co-req CSIT141A-L-23
CSIT251L-23	Fundamentals of Networking Lab		1	3	1	COMP302-23, COMP301L-23, co-req CSIT252-23
CSIT252-23	Fundamentals of Networking	2			2	COMP302-23, COMP301L-23, co-req CSIT251L-23
CSIT311L	Database Systems Lab		1	3	1	COMP112, COMP111L, co-req CSIT312
CSIT312	Database Systems	2			2	COMP112, COMP111L, co-req CSIT311L
GEC013	Science, Technology, and Society	3			3	
GECELEC1	Living in the IT Era	3			3	
GECELEC3	Philippine Pop Culture	3			3	
ITELEC-1	IT Elective 1	3			3	IT112B-23, IT111B-L-23
PATHFIT3032	Individual/Dual Sports	2			2	PATHFIT1002, PATHFIT2022
RELED083	Christian Ethics	3			3	RELED053
	Total	23	3	9	26	
THIRD YEAR, First Semester						
COMP461L	Applications Development and Emerging Technologies Lab		1	3	1	CSIT312, CSIT311L, co-req COMP462
COMP462	Applications Development and Emerging Technologies	2			2	CSIT312, CSIT311L, co-req COMP461L
CSIT141B-L-23	Software Engineering II Lab (Mobile Programming 2)		1	3	1	CSIT142A, CSIT141A-L-23 co-req CSIT142B
CSIT142B	Software Engineering II	2			2	CSIT142A, CSIT141A-L-23 co-req CSIT141B-L-23
CSIT343	Fundamentals of Information Assurance and Security	3			3	CSIT252-23, CSIT251L-23
GEC033	Mathematics in the Modern World	3			3	
IT251LB-L	Advance Networking Lab		1	3	1	CSIT252-23, CSIT251L-23, co-req IT252B
IT252B	Advance Networking	2			2	CSIT252-23, CSIT251L-23, co-req IT251LB-L
IT451L	Introduction to Cloud Computing Lab		1	3	1	CSIT252-23, CSIT251L-23, CSIT312, CSIT311L, ITELEC-1, co-req IT452
IT452	Introduction to Cloud Computing	2			2	CSIT252-23, CSIT251L-23, CSIT312, CSIT311L,ITELEC-1, co-req IT451L
ITELEC-2	IT Elective 2	3			3	ITELEC-1
PATHFIT4042	Contemporary Dance	2			2	PATHFIT1002, PATHFIT2022
RELED073	Contemporary Issues About Church and Human Society with Immersion	3			3	RELED053
	Total	22	4	12	26	

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		Units/Hrs	Units	Hrs		
THIRD YEAR, Second Semester						
CSIT371L	Integrative Programming and Technologies I Lab		1	3	1	COMP462, COMP461L, co-req CSIT372
CSIT372	Integrative Programming and Technologies I	2			2	COMP462, COMP461L, co-req CSIT371L
IT203A-23	Systems Integration and Architecture	3			3	CSIT142B, CSIT141B-L-23, co-req IT-CP1
IT461L	Advance Cloud Computing Lab		1	3	1	IT452, IT451L, co-req IT462
IT462	Advance Cloud Computing	2			2	IT452, IT451L, co-req IT461L
IT473	Advance Information Assurance and Security	3			3	CSIT343, co-req ITELEC-3
IT-CP1	Capstone Project I	3			3	CSIT142B, CSIT141B-L-23, co-req IT203A-23
ITELEC-3	IT Elective 3	3			3	ITELEC-2, co-req IT473
LQEC23-023	Letran Quality Enrichment Course II (21st Century Literacy Skills & Life Skills and Sustainability)	3			3	LQEC23-013
	Total	19	2	6	21	
FOURTH YEAR, First Semester						
CSIT183	Social Issues and Professional Practice	3			3	CSIT372, CSIT371L, co-req IT482, IT481L
GEC043	Contemporary World	3			3	
IT481L	Systems Administration and Maintenance Lab		1	3	1	IT462, IT461L, IT473, co-req IT482
IT482	Systems Administration and Maintenance	2			2	IT462, IT461L, IT473, co-req IT481L
IT-CP2	Capstone Project II	3			3	IT-CP1
ITElec-4	IT Elective 4	3			3	ITELEC-3
RZL023	Buhay at Mga Akda ni Rizal	3			3	
	Total	17	1	3	18	
FOURTH YEAR, Second Semester						
IT-PRC6	*Practicum (600 hrs)	6			6	IT-CP2
	Total	6	0	0	6	
GRAND TOTAL		147	20	60	167	

Professional Electives

- Internet of Things
- BlockChain Technology
- Machine Learning
- Artificial Intelligence
- Technopreneurship
- Robotic Process Automation
- Virtual Reality and Augmented Reality

***Practicum/Internship - No simultaneous enrolment is allowed.**

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