BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
(with Specialization Tracks)
ENHANCED CURRICULUM Effective SY 2023 - 2024

FIRST YEAR
First Semester

			Units Lec	Units Lab	Hours Lec	Hours Lab	Pre-requisites
Comp 1	Introduction to Computing	3	2	1	2	3	None
Comp 2	Computer Programming 1 (Fundamentals of Programming)	3	2	1	2	3	None
GEC-UTS	Understanding the Self	3	3	0	3	0	None
GEC-MATH	Mathematics in the Modern World	3	3	0	3	0	None
GEC-TCW	The Contemporary World	3	3	0	3	0	None
GEC-ART	Art Appreciation	3	3	0	3	0	None
BSC 1	Being Skills Course 1	1.5	1.5	0	1.5	0	None
PE 1	Physical Fitness & Gymnastic	2	2	0	2	0	None
NSTP 1	National Service Training Program 1	3	3	0	3	0	None
		24.5					

Second Semester

			Units Lec	Units Lab	Hours Lec	Hours Lab	Pre-requisites
Comp 3	Computer Programming 2 (Intermediate Programming)	3	2	1	2	3	Comp 2
IT 1	Computer Organization	3	2	1	2	3	Comp 1 & Comp 2
IT 3	Elective 1	3	2	1	2	3	Comp 1 & Comp 2
GEC-PCOM	Purposive Communication	3	3	0	3	0	None
GEC-STS	Science, Technology and Society	3	3	0	3	0	None
EPC	English Proficiency	3	3	0	3	0	None
Math 1	College Algebra	3	3	0	3	0	GEC-MATH
BSC 2	Being Skills Course 2	1.5	1.5	0	1.5	0	BSC 1
PE 2	Rhythmic Activities	2	2	0	2	0	PE 1
NSTP 2	National Service Training Program 2	3	3	0	3	0	NSTP 1
		27.5					

SUMMER

			Units Lec	Units Lab	Hours Lec	Hours Lab	Pre-requisites
Comp 4	Data Structures and Algorithms	3	2	1	2	3	Comp 3
IT 5	Operating Systems	3	2	1	2	3	IT 1
Math 2	Trigonometry	3	3	0	3	0	Math 1
		9					

SECOND YEAR
First Semester

			Units Lec	Units Lab	Hours Lec	Hours Lab	Pre-requisites
GEC-ETHICS	Ethics (Professional Ethics)	3	3	0	3	0	None
IT 2	Accounting Principles	3	3	0	3	0	Math 1
IT 4	Elective 2	3	2	1	2	3	IT 3
IT 6	Networking 1	3	2	1	2	3	IT 1
IT 7	Object-Oriented Programming	3	2	1	2	3	Comp 4
IT 8	Web Systems and Technologies	3	2	1	2	3	IT 3
IT 9	Systems Analysis & Design	3	2	1	2	3	IT 5 & Comp 4
Math 3	Analytic Geometry	3	3	0	3	0	Math 2
PE 3	Individual & Dual Sports	2	2	0	2	0	PE 2
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Second Semester

		Units	Lec	Lab	Hours Lec	Lab	Pre-requisites
Comp 5	Information Management	3	2	1	2	3	Comp 4
IT 10	Human Computer Interaction (HCI)	3	2	1	2	3	IT 4
IT 11	Networking 2	3	2	1	2	3	IT 6
IT 12	Elective 3	3	2	1	2	3	IT 4
IT 14	*Capstone Project 1*	3	3	0	3	0	IT 9
GEC-RPH	Readings in Philippine History	3	3	0	3	0	None
Math 3C	Probability and Statistics	3	3	0	3	0	Math 3
Math 4	Differential Calculus	3	3	0	3	0	Math 3
PE 4	Team Sports & Recreation	2	2	0	2	0	PE 3
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SUMMER		**Units**	**Lec**	**Lab**	**Hours** **Lec**	**Lab**	**Pre-requisites**
IT 13	Elective 4	3	2	1	2	3	IT 12
IT 15	Networking 3	3	2	1	2	3	IT 11
Math 5	Integral Calculus	3	3	0	3	0	Math 4
		9					

THIRD YEAR **First Semester**		**Units** **Lec**	**Lab**	**Hours** **Lec**	**Lab**	**Pre-requisites**	
Comp 6	Applications Development and Emerging Technologies	3	2	1	2	3	Comp 5 & IT 7
IT 16	Discrete Structures	3	3	0	3	0	Math 5 & Comp 4
IT 17	Computer Troubleshooting and Repair	3	2	1	2	3	IT 15
IT 20	Networking 4	3	2	1	2	3	IT 15
IT 21	*Capstone Project 2-Technopreneurship*	3	3	0	3	0	IT 14
FL	Foreign Language	3	3	0	3	0	None
Rizal	The Life and Works of Rizal	3	3	0	3	0	None
Phys 1	Calculus-based Physics 1	3	1	2	2	3	Math 5
		24					

Second Semester

		Units	Lec	Lab	Hours Lec	Lab	Pre-requisites
IT 18	OJT / Internship (600 hours)	9	9	0	9	0	3rd Year Standing
IT 19	Seminars & Field Trip	3	3	0	3	0	3rd Year Standing
Phys 2	Calculus-based Physics 2	3	1	2	2	3	Phys 1
		15					

Electives for Specialization Tracks:
DIGITAL ANIMATION
IT 3 - Elective 1 - Principles of Animation
IT 4 - Elective 2 - Digital Imaging and 2D Animation
IT 12 - Elective 3 - 3D Modelling and Animation
IT 13 - Elective 4 - Audio and Video Editing

MULTIMEDIA TECHNOLOGIES
IT 3 - Elective 1 - Introduction to Multimedia Technologies
IT 4 - Elective 2 - Desktop Publishing and Graphics Design
IT 12 - Elective 3 - Interactive Multimedia Authoring
IT 13 - Elective 4 - Advanced Multimedia Systems

Electives for No Specialization Track:
IT 3 - Elective 1 - Current Trends in IT
IT 4 - Elective 2 - Mobile Technology
IT 12 - Elective 3 - Mandarin
IT 13 - Elective 4 - Project Management