

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
(with Specialization Tracks)
Enhanced Curriculum SY 2015 - 2016

		Units		Hours		Pre-requisites		
		Lec	Lab	Lec	Lab			
FIRST YEAR								
First Semester								
_____	Comp 1	Introduction to Information Technology	3	2	1	2	3	-
_____	Engl +	Remedial English	3	3	0	3	0	-
_____	IT 1	IT Fundamentals (Computer Programming 1)	3	2	1	2	3	-
_____	Math 1	College Algebra	3	3	0	3	0	-
_____	Soc Sci 1	Society & Culture w/ Family Planning (w/ HIV/AIDS Educ)	3	3	0	3	0	-
_____	Hist 1	Philippine History	3	3	0	3	0	-
			<u>18</u>					
Second Semester								
_____	IT 2	Computer Programming 2	3	2	1	2	3	IT 1
_____	Engl 1	Study & Thinking Skills in English	3	3	0	3	0	Engl +
_____	Math 2	Trigonometry	3	3	0	3	0	Math 1
_____	Rizal	Life and Works of Jose Rizal	3	3	0	3	0	None
_____	Fil 1	Komunikasyon sa Akademikong Filipino	3	3	0	3	0	None
_____	Philo 2	Logic	3	3	0	3	0	None
_____	PE 1	Physical Fitness & Gym	2	2	0	2	0	None
_____	NSTP-CWTS 1	National Service Training Program - Civic Welfare Training Service 1	3	3	0	3	0	None
			<u>20 (3)</u>					
SECOND YEAR								
First Semester								
_____	IT 3	Data Structures and Algorithms	3	2	1	2	3	IT 2
_____	IT 4	Computer Organization	3	2	1	2	3	Comp 1 & IT 1
_____	IT 5	Accounting Principles	3	3	0	3	0	Math 2
_____	IT 6	Elective 1	3	2	1	2	3	IT 1 & Comp 1
_____	Fil 2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	3	0	3	0	Fil 1
_____	Engl 2	Writing in the Discipline	3	3	0	3	0	Engl 1
_____	Math 3	Analytic Geometry	3	3	0	3	0	Math 2
_____	PE 2	Rhythmic Activities	2	2	0	2	0	PE 1
_____	NSTP-CWTS 2	National Service Training Program-Civic Welfare Training Service 2	3	3	0	3	0	NSTP-CWTS 1
			<u>23(3)</u>					
Second Semester								

<u>IT 7</u>	Elective 2	3	2	1	2	3	IT 6
<u>IT 8</u>	Database Systems	3	2	1	2	3	IT 3
<u>IT 9</u>	Operating Systems	3	2	1	2	3	IT 4
<u>IT 10</u>	Networking 1	3	2	1	2	3	IT 4
<u>IT 11</u>	Object-Oriented Programming	3	2	1	2	3	IT 3
<u>Engl 3</u>	Communications for IT	3	3	0	3	0	Engl 2
<u>Math 4</u>	Differential Calculus	3	3	0	3	0	Math 3
<u>PE 3</u>	Individual & Dual Sports	2	2	0	2	0	PE 2
		<u>23</u>					

THIRD YEAR

First Semester

		Units		Hours		Pre-requisites	
		Lec	Lab	Lec	Lab		
<u>IT 12</u>	Web Development	3	2	1	2	3	IT 8
<u>IT 13</u>	Systems Analysis & Design	3	2	1	2	3	Engl 3 & IT 8
<u>IT 14</u>	Human Computer Interaction (HCI)	3	2	1	2	3	IT 6
<u>IT 15</u>	Networking 2	3	2	1	2	3	IT 10
<u>IT 16</u>	Elective 3	3	2	1	2	3	IT 7
<u>Lit 1</u>	Philippine Literature	3	3	0	3	0	None
<u>Math 5</u>	Integral Calculus	3	3	0	3	0	Math 4
<u>PE 4</u>	Team Sports & Recreation	2	2	0	2	0	PE 3
		<u>23</u>					

Second Semester

<u>IT 17</u>	Professional Ethics	3	2	1	3	0	3rd Year standing
<u>IT 18</u>	Elective 4	3	2	1	2	3	IT 16
<u>IT 19</u>	Capstone Project 1	3	3	0	3	0	IT 13 & Engl 3
<u>IT 20</u>	Discrete Structures	3	3	0	3	0	Math 5
<u>Math 3C</u>	Probability and Statistics	3	3	0	3	0	Math 2
<u>PoSci 1</u>	Politics and Governance (w/ Philippine Const.)	3	3	0	3	0	Lit 1
<u>Phys 1</u>	Calculus-based Physics 1	3	1	2	2	3	Math 5
<u>Fil 3</u>	Masining na Pagpapahayag	3	3	0	3	0	Fil 2
		<u>24</u>					

SUMMER

<u>IT 21</u>	Management Information Systems	3	2	1	2	3	IT 13
<u>IT 22</u>	Networking 3	3	2	1	2	3	IT 15
<u>IT 23</u>	Computer Troubleshooting and Repair	3	2	1	2	3	IT 15
		<u>9</u>					

FOURTH YEAR

First Semester

<u>IT 24</u>	OJT / Internship (600 hours)	9	9	0	9	0	4th year standing
		<u>9</u>					

Second Semester

Phys 2	Calculus-based Physics 2	3	1	2	2	3	Phys 1
Lit 2	World Literature	3	3	0	3	0	Lit 1
IT 25	Capstone Project 2-Technopreneurship	3	3	0	3	0	IT 19
IT 26	Seminars & Field Trip	3	2	1	2	3	4th year standing
IT 27	Networking 4	3	2	1	2	3	IT 22
Eco 1	Basic Economics with TLR	3	3	0	3	0	None
		<u>18</u>					

Electives with Specialization Tracks

Digital Animation

IT 6- Elective 1	Principles of Animation
IT 7- Elective 2	Digital Imaging and 2D Animation
IT 16- Elective 3	3D Modelling and Animation
IT 18- Elective 4	Audio and Video Editing

Multimedia Technologies

IT 6- Elective 1	Introduction to Multimedia Technologies
IT 7- Elective 2	Desktop Publishing and Graphics Design
IT 16- Elective 3	Interactive Multimedia Authoring
IT 18- Elective 4	Advanced Multimedia Systems

Electives with No Specialization Tracks

IT 6- Elective 1	Current Trends in IT
IT 7- Elective 2	Mobile Technology
IT 16- Elective 3	Mandarin
IT 18- Elective 4	Project Management