


**2018 CURRICULUM FOR BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT)**

IMPORTANT: Registration in any course/s without all the pre-requisite/s, correct sequence and authorized load shall not be given any credit regardless of the grade/s obtained.

NAME : \_\_\_\_\_ STUDENT NO : \_\_\_\_\_

	COURSE CODE	DESCRIPTIVE TITLE	LEC HOURS	LAB HOURS	CREDIT UNITS	PRE-REQUISITE(S)/CO-REQUISITE(S)	
<b>FIRST YEAR, FIRST SEMESTER ( 17 UNITS )</b>							
	GEC	002	Readings in Philippine History	3	0	3	
	GEC	004	Mathematics in the Modern World	3	0	3	
	ITE	011	Introduction to Computing	2	3	3	
	ITE	001	Computer Programming 1	2	3	3	
	MATH	013A	Linear Algebra	3	0	3	
	PE	001	Physical Activities Toward Health and Fitness 1 (PATHfit 1)	2	0	2	
	NSTP	001	National Service Training Program 1	(3)	0	(3)	
			<b>TOTAL</b>	<b>15</b>	<b>6</b>	<b>17</b>	
<b>FIRST YEAR, SECOND SEMESTER ( 20 UNITS )</b>							
	GEC	001	Understanding the Self	3	0	3	
	GEC	005	Purposive Communication	3	0	3	
	GEC	006	Art Appreciation	3	0	3	
	MATH	006	Discrete Mathematics	3	0	3	
	ITE	012	Computer Programming 2	2	3	3	ITE 001(P)
	ITE	010	Introduction to Human Computer Interaction	2	3	3	ITE 001(P)
	PE	002	Physical Activities Toward Health and Fitness 2 (PATHfit 2)	2	0	2	PE 001(P)
	NSTP	002	National Service Training Program 2	(3)	0	(3)	NSTP 001(P)
			<b>TOTAL</b>	<b>18</b>	<b>6</b>	<b>20</b>	
<b>SECOND YEAR, FIRST SEMESTER ( 20 UNITS )</b>							
	CS	201	Data Structures and Algorithms	2	3	3	ITE 012(P)
	IT	004	Web Systems and Technologies	2	3	3	
	BIO	001	Modern Biology	2	3	3	
	PE	003	Physical Activities Toward Health and Fitness 3 (PATHfit 3)	2	0	2	PE 001(P) PE 002(P)
	GEC	007	Science, Technology, and Society	3	0	3	
	IE	301B	Applied Statistics	2	3	3	MATH 013A(P)
	FELEC	001	Prof. Elective 1	2	3	3	See track for pre-requisite(s)
			<b>TOTAL</b>	<b>15</b>	<b>15</b>	<b>20</b>	
<b>SECOND YEAR, SECOND SEMESTER ( 23 UNITS )</b>							
	SOCSC	005	Life and Works of Rizal	3	0	3	
	GEC	003	The Contemporary World	3	0	3	
	ITE	014	Information Management	2	3	3	ITE 012(P)
	PE	004	Physical Activities Toward Health and Fitness 4 (PATHfit 4)	2	0	2	PE 001(P) PE 002(P)
	CHEM	001D	Chemistry	2	3	3	
	GEC	008	Ethics	3	0	3	
	IT	012	Platform Technologies	2	3	3	ITE 012(P)
	FELEC	002	Prof. Elective 2	2	3	3	FELEC 001(P), See track for pre-requisite(s)
			<b>TOTAL</b>	<b>19</b>	<b>12</b>	<b>23</b>	
<b>THIRD YEAR, FIRST SEMESTER ( 24 UNITS )</b>							
	IT	005	Integrative Programming and Technologies	2	3	3	IT 004(P)
	MATH	304	Quantitative Methods (Including Modeling and Simulation)	2	3	3	IE 301B(P) MATH 006(P)
	IT	006	Networking 1	2	3	3	IT 004(P)
	IT	003	Advanced Database Systems	2	3	3	ITE 014(P)



COURSE CODE		DESCRIPTIVE TITLE	LEC HOURS	LAB HOURS	CREDIT UNITS	PRE-REQUISITE(S)/CO-REQUISITE(S)
TECH	101	Technopreneurship	3	0	3	
IT	009	Systems Integration and Architecture 1	2	3	3	IT 004(P)
GEE	001	General Education Elective 1	3	0	3	
ITELEC	001	IT Elective 1	2	3	3	See track for pre-requisite(s)
<b>TOTAL</b>			<b>18</b>	<b>18</b>	<b>24</b>	
<b>THIRD YEAR, SECOND SEMESTER ( 24 UNITS )</b>						
IT	401	Data Mining and Warehousing	2	3	3	IE 301B(P) ITE 014(P)
CS	409	Mobile Computing	2	3	3	ITE 010(P)
IT	001	Information Assurance and Security 1	2	3	3	IT 009(P)
ITE	013	Application Development and Emerging Technologies	2	3	3	IT 003(P)
IT	007	Networking 2	2	3	3	IT 006(P)
GEE	002	General Education Elective 2	3	0	3	
FELEC	003	Prof. Elective 3	2	3	3	FELEC 002(P), See track for pre-requisite(s)
ITELEC	002	IT Elective 2	2	3	3	ITELEC 001(P), See track for pre-requisite(s)
<b>TOTAL</b>			<b>17</b>	<b>21</b>	<b>24</b>	
<b>THIRD YEAR, SUMMER ( 9 UNITS )</b>						
IT	030	Data Analytics	2	3	3	IT 401(P)
IT	304	Capstone Project 1	2	3	3	IT 001(P) ITE 013(P)
ITELEC	003	IT Elective 3	2	3	3	ITELEC 002(P), See track for pre-requisite(s)
<b>TOTAL</b>			<b>6</b>	<b>9</b>	<b>9</b>	
<b>NO STUDENT SHALL BE ALLOWED TO TAKE FOURTH YEAR PROFESSIONAL COURSES UNLESS HE HAS COMPLETED THE BASIC AND THE THIRD YEAR COURSES INCLUDING PE AND NSTP COURSES.</b>						
<b>FOURTH YEAR, FIRST SEMESTER ( 21 UNITS )</b>						
ITE	015	Social and Professional Issues	3	0	3	4th Year Standing
IT	008	Systems Administration and Maintenance	2	3	3	IT 001(P)
IT	002	Information Assurance and Security 2	2	3	3	IT 001(P)
IT	010	Systems Integration and Architecture 2	2	3	3	IT 009(P)
GEE	003	General Education Elective 3	3	0	3	
FELEC	004	Prof. Elective 4	2	3	3	FELEC 003(P), See track for pre-requisite(s)
ITELEC	004	IT Elective 4	2	3	3	ITELEC 003(P), See track for pre-requisite(s)
<b>TOTAL</b>			<b>16</b>	<b>15</b>	<b>21</b>	
<b>FOURTH YEAR, SECOND SEMESTER ( 9 UNITS )</b>						
IT	402	Internship in Computing	0	18	6	4th Year Standing
IT	400	Capstone Project 2	0	9	3	IT 304(P)
<b>TOTAL</b>			<b>0</b>	<b>27</b>	<b>9</b>	
<b>FREE ELECTIVE COURSES</b>						
ITE	503	Current Trends and Issues in Computing	3	0	3	
IT	016	Event Driven Programming	2	3	3	CS 201(P)
ELF	423	Spanish	2	3	3	
ELF	413	Mandarin	2	3	3	
IT	015	Introduction to Game Development	2	3	3	ITE 010(P)
SAD	003	Systems Analysis and Design	2	3	3	
IT	014	Human Computer Interaction 2	2	3	3	ITE 010(P)
IT	011	Integrative Programming Technologies 2	2	3	3	IT 005(P)
IT	013	Web Systems and Technologies 2	2	3	3	IT 004(P)
CS	002	Object Oriented Programming	2	3	3	ITE 012(P)
ITE	404	Introduction to Data Science in Python	2	3	3	IE 301B(P)
SAP	501	Business Analytics Using SAP Business Warehousing	2	3	3	IT 030(P)
ITE	405	Applied Plotting, Charting, and Data Representation	2	3	3	ITE 404(P)



ITE	406	Applied Text Mining and Applied Social Network Analysis	2	3	3	ITE 405(P)
<b>TOTAL</b>			<b>29</b>	<b>39</b>	<b>42</b>	
<b>ELECTIVE COURSES</b>						
<b>TRACK 1: ANIMATION AND MOBILE APP DEVELOPMENT</b>						
IT	017	3D Modelling, Texturing, Rendering and Lighting	2	3	3	3rd Year Standing
IT	018	3D Animation and Special Effects	2	3	3	IT 017(P)
IT	019	3D Production and Compositing	2	3	3	IT 018(P)
IT	020	Mobile Development Integration	2	3	3	IT 019(P)
<b>TOTAL</b>			<b>8</b>	<b>12</b>	<b>12</b>	
<b>TRACK 2: CYBER SECURITY</b>						
IT	021	Usable Security	2	3	3	3rd Year Standing
IT	022	Threat Detection Analysis	2	3	3	IT 021(P)
IT	023	Ethical Hacking and Penetration Testing	2	3	3	IT 022(P)
IT	024	Cyber Threat Modeling	2	3	3	IT 023(P)
<b>TOTAL</b>			<b>8</b>	<b>12</b>	<b>12</b>	
<b>TRACK 3: DIGITAL ARTS AND DESIGN</b>						
IT	025	Digital Photography	2	3	3	3rd Year Standing
IT	026	Digital Effects	2	3	3	IT 025(P)
IT	027	Digital Visual Narrative	2	3	3	IT 026(P)
IT	028	Visual Communication	2	3	3	IT 027(P)
<b>TOTAL</b>			<b>8</b>	<b>12</b>	<b>12</b>	

**CREDENTIALS PRESENTED:**

- ( ) F137A ( ) NSO Birth Certificate
- ( ) F138 ( ) HD
- ( ) GMC ( ) TOR

**DEFICIENCY/IES:**

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**Evaluated By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Received By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**LEGEND**

- P = Pre-requisite
- C = Co-requisite

NOTE: EVALUATION IS TENTATIVE AND MAY BE REVISED FOR SOME VALID CAUSES OR REASONS OR IF OMISSIONS AND/OR LACK OF UNITS CREDITED BE DISCOVERED LATER.