TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES
Quezon City

REVISED 2018 CURRICULUM FOR BACHELOR OF SCIENCE IN INFORMATION SYSTEMS (BSIS)

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)
FIRST YEAR, FIRST SEMESTER (17 UNITS)						
GEC	001	Understanding the Self	3	0	3	
GEC	004	Mathematics in the Modern World	3	0	3	
MATH	013A	Linear Algebra	3	0	3	
ITE	011	Introduction to Computing	2	3	3	
ITE	001	Computer Programming 1	2	3	3	
PE	001	Physical Education 1	2	0	2	
NSTP	001	National Service Training Program 1	(3)	0	(3)	
		TOTAL	15	6	17	
FIRST YEAR, SECOND SEMESTER (17 UNITS)						
GEC	005	Purposive Communication	3	0	3	
MATH	006	Discrete Mathematics	3	0	3	
ITE	012	Computer Programming 2	2	3	3	ITE 001(P)
IS	003	Fundamentals of Information Systems	3	0	3	
PE	002	Physical Education 2	2	0	2	PE 001(P)
NSTP	002	National Service Training Program 2	(3)	0	(3)	NSTP 001(P)
IS	004	Organization and Management Concepts	3	0	3	
		TOTAL	16	3	17	
SECOND YEAR, FIRST SEMESTER (23 UNITS)						
SOCSC	005	Life and Works of Rizal	3	0	3	
GEC	007	Science, Technology, and Society	3	0	3	
GEC	006	Art Appreciation	3	0	3	
GEC	002	Readings in Philippine History	3	0	3	
SAD	003	Systems Analysis and Design	2	3	3	IS 003(P) IS 004(P)
IT	401	Data Mining and Warehousing	2	3	3	IS 003(P) IS 004(P)
BIO	001	Modern Biology	2	3	3	
PE	003	Physical Education 3	2	0	2	PE 001(P)
		TOTAL	20	9	23	
SECOND YEAR, SECOND SEMESTER (23 UNITS)						
GEC	003	The Contemporary World	3	0	3	
GEC	008	Ethics	3	0	3	
IS	005	Introduction to Project Management	3	0	3	SAD 003(P)
IE	301B	Applied Statistics	2	3	3	
CHEM	001D	Chemistry	2	3	3	
CIS	100	Higher Education in the Philippines: General Perspective	3	0	3	2nd Year Standing
ISELEC	001	IS Elective 1	2	3	3	IS 005(C), See track for pre-requisite(s)
PE	004	Physical Education 4	2	0	2	PE 001(P)
		TOTAL	20	9	23	
THIRD YEAR, FIRST SEMESTER (21 UNITS)						
GEE	001	General Education Elective 1	3	0	3	
CS	201	Data Structures and Algorithms	2	3	3	ITE 012(P)
ITE	014	Information Management	2	3	3	ITE 012(P)
TECH	101	Technopreneurship	3	0	3	3rd Year Standing
IS	403	Business Process Management	3	0	3	IS 005(P)
FIN	002B	Financial Management	3	0	3	IS 004(P)
ISELEC	002	IS Elective 2	2	3	3	ISELEC 001(P), See track for pre-requisite(s)
		TOTAL	18	9	21	

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	COURSE CODE		DESCRIPTIVE TITLE	LEC HOURS	LAB HOURS	CREDIT UNITS	PRE-REQUISITE(S)/CO-REQUISITE(S)
	THIRD YEAR, SECOND SEMESTER (24 UNITS)						
	GEE	002	General Education Elective 2	3	0	3	
	IS	200	Evaluation of Business Performance	3	0	3	IS 403(P)
	IS	006	Enterprise Architecture	3	0	3	IS 403(P)
	ITE	013	Application Development and Emerging Technologies	2	3	3	CS 201(P)
	CS	005	Information Assurance and Security	3	0	3	ITE 014(P)
	MATH	303	Quantitative Analysis	3	0	3	IE 301B(P)
	ISELEC	003	IS Elective 3	2	3	3	ISELEC 002(P), See track for pre-requisite(s)
	CIS	201	Human Resources Challenges in Higher Education	3	0	3	CIS 100(P)
			TOTAL	**22**	**6**	**24**	
	THIRD YEAR, SUMMER (9 UNITS)						
	IS	300	Capstone Project 1	2	3	3	IS 006(P) ITE 013(P)
	ITE	015	Social Issues and Professional Practice	3	0	3	ITE 011(P)
	CIS	101	Records Security in Higher Education	2	3	3	CIS 100(P)
			TOTAL	**7**	**6**	**9**	

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.

	COURSE CODE		DESCRIPTIVE TITLE	LEC HOURS	LAB HOURS	CREDIT UNITS	PRE-REQUISITE(S)/CO-REQUISITE(S)
	FOURTH YEAR, FIRST SEMESTER (15 UNITS)						
	GEE	003	General Education Elective 3	3	0	3	
	IS	007	IS Strategy, Management and Acquisition	3	0	3	IS 403(P)
	IS	008	IT Infrastructure and Network Technologies	3	0	3	CS 005(P)
	ISELEC	004	IS Elective 4	2	3	3	ISELEC 003(P), See track for pre-requisite(s)
	CIS	301	Corporate Social Responsibility in Higher Education	2	3	3	CIS 101(P) CIS 201(P)
			TOTAL	**13**	**6**	**15**	
	FOURTH YEAR, SECOND SEMESTER (12 UNITS)						
	IS	402	Internship in Computing	0	18	6	Graduating
	IS	401	Capstone Project 2	2	3	3	IS 300(P)
	CIS	303	Career Resource Services in Higher Education	2	3	3	CIS 301(P)
			TOTAL	**4**	**24**	**12**	
	ELECTIVE COURSES						
	TRACK 1: BUSINESS ANALYTICS						
	IS	015	Big Data Analytics	2	3	3	IT 401(P)
	IS	016	Descriptive and Predictive Analytics	2	3	3	IS 015(P)
	IS	017	Business Data Visualization	2	3	3	IS 016(P)
	IS	018	Forecasting and Regression Analysis	2	3	3	IS 017(P)
			TOTAL	**8**	**12**	**12**	
	TRACK 2: PROJECT MANAGEMENT						
	IS	019	Project Risk Management	2	3	3	IS 005(P)
	IS	020	Program and Project Strategy	2	3	3	IS 019(P)
	IS	021	Agile Project Management	2	3	3	IS 020(P)
	IS	022	Project and Program Governance	2	3	3	IS 021(P)
			TOTAL	**8**	**12**	**12**	

CREDENTIALS PRESENTED:
( ) F137A ( ) NSO Birth Certificate _____
( ) F138 ( ) HD _____
( ) GMC ( ) TOR _____

DEFICIENCY/IES:
_____
_____
_____

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.