


TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES
Quezon City
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	ITE 011(P)
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	ITE 011(P)
TOTAL			16	3	17	
SECOND YEAR, FIRST SEMESTER (23 UNITS)						
SOCS	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	
FELEC	001	FELEC 1	2	3	3	2nd Year Standing
PE	004	Physical Education 4	2	0	2	PE 001(P)
ISELEC	001	IS Elective 1	2	3	3	IS 005(C), See track for pre-requisite(s)
TOTAL			19	12	23	
THIRD YEAR, FIRST SEMESTER (21 UNITS)						
CS	201	Data Structures and Algorithms	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)
ITE	014	Information Management	2	3	3	ITE 012(P)
GEE	001	General Education Elective 1	3	0	3	
TOTAL			18	9	21	


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THIRD YEAR, SECOND SEMESTER (24 UNITS)						
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)
FELEC	002	FELEC 2	2	3	3	FELEC 001(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)
GEE	002	General Education Elective 2	3	0	3	
TOTAL			21	9	24	
THIRD YEAR, SUMMER (9 UNITS)						
ITE	015	Social Issues and Professional Practice	3	0	3	ITE 011(P)
IS	300	Capstone Project 1	2	3	3	IS 006(P) ITE 013(P)
FELEC	003	FELEC 3	2	3	3	FELEC 002(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.						
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) IS 006(P)
FELEC	004	FELEC 4	2	3	3	FELEC 003(P)
ISELEC	004	IS Elective 4	2	3	3	ISELEC 003(P), See track for pre-requisite(s)
TOTAL			13	6	15	
FOURTH YEAR, SECOND SEMESTER (9 UNITS)						
IS	402	Internship in Computing	0	18	6	Graduating
IS	401	Capstone Project 2	2	3	3	IS 300(P)
TOTAL			2	21	9	
FREE ELECTIVE COURSES						
IS	503	IT Audit and Controls	3	0	3	
LM	001B	Supply Chain Management	3	0	3	
ELF	413	Mandarin	2	3	3	
ELF	423	Spanish	2	3	3	
SAP	501	Business Analytics Using SAP Business Warehousing	2	3	3	
ITE	010	Introduction to Human Computer Interaction	2	3	3	
TOTAL			14	12	18	
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

DEFICIENCY/IES:

Evaluated By: _____ **LEGEND**
Date: _____ P = Pre-requisite



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() F138 () HD _____
() GMC () TOR _____

Received By: _____ C = Co-requisite
Date: _____

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.