

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

FIRST YEAR						
FIRST SEMESTER						
CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
BIO	100	Fundamentals of Biological Sciences	2	1	3	NONE
ENGL	100	Study and Thinking Skills	3	0	3	NONE
FILI	100	Komunikasyonsa Akademikong Filipino	3	0	3	NONE
HUMAN	100	Introduction to the Humanities	3	0	3	NONE
MATH	100	College Algebra	3	0	3	NONE
POLSCI	100	Philippine Government and Constitution	3	0	3	NONE
SOCSCI	100	Society and Culture with Family Planning	3	0	3	NONE
PE	100	Foundation of Physical Fitness	2	0	2	NONE
NSTP	1	National Service Training Program I	(3)	0	(3)	NONE
			TOTAL:		23	
SECOND SEMESTER						
CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
PI	100	Rizal's Life, Works and Writings	3	0	3	NONE
COMSCI	100	Computer Fundamentals	2	1	3	MATH 100
ENGL	105	Speech Communication	3	0	3	ENGL 100
FILI	105	Pagbasa at Pagsulat Tungosa Pananaliksik	3	0	3	FILI 100
MATH	105	Plane Trigonometry	3	0	3	MATH 100
PE	105	Rhythmic Activities	2	0	2	NONE
EUTH	100	Social Graces	(1)	0	(1)	NONE
NSTP	2	National Service Training Program II	(3)	0	(3)	NSTP 1
			TOTAL:		17	

**SECOND YEAR**

**FIRST SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
ENGL	110	Writing in the Discipline	3	0	3	ENGL 100
FILI	110	MasingnaPagpapahayag	3	0	3	FILI 105
COMSCI	210	Computer Programming 1	2	1	3	COMSCI 100, MATH 105
COMSCI	211	Logic Design	3	0	3	COMSCI 100
INTECH	210	Orientation in Information Technology	3	0	3	COMSCI 100
INTECH	211	Discrete Mathematics	3	0	3	COMSCI 100, MATH 105
PE	110	Individual and Dual Sports	2	0	2	PE 100
			TOTAL:		20	

**SECOND SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
ENGL	115	Introduction to Literature	3	0	3	ENGL 105
FILI	115	PanitikangPilipinas (Literatura I)	3	0	3	FILI 110
STAT	200	Introduction to Statistics	2	1	3	MATH100
COMSCI	220	Computer Programming II	2	1	3	COMSCI 210, INTECH 211
COMSCI	221	Data Structures & Algorithms	3	0	3	COMSCI 210, INTECH 211
COMSCI	222	Computer Organization	2	1	3	COMSCI 210, COMSCI 211
PE	115	Team Sports	2	0	2	PE 100
			TOTAL:		20	

**THIRD YEAR**

**FIRST SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
ENGL	125	Technical Writing	3	0	3	ENGL 110
PSYCH	100	General Psychology	3	0	3	NONE
ACCT	311	Basic Accounting	3	0	3	MATH 100
COMSCI	310	Computer Programming III	2	1	3	COMSCI 220
COMSCI	311	File Organization	3	0	3	COMSCI 220, COMSCI 221
COMSCI	312	Operating Systems	2	1	3	COMSCI 220, COMSCI 221, COMSCI 222
			TOTAL:		18	

**SECOND SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
ERTSCI	100	Earth Science	3	0	3	NONE
COMSCI	320	Database Management Systems	2	1	3	COMSCI 311
COMSCI	321	Systems Analysis and Design	3	0	3	COMSCI 311
INTECH	320	Data Communications	3	0	3	COMSCI 222
COMSCI	322*	Systems Development with Objects or	2*	1		COMSCI 310
INTECH	322*	Network Administration I	2*	1	3	COMSCI 312
			TOTAL:		18	

**FOURTH YEAR**

**FIRST SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
ECON	100	Principles of Economics w/ Land Reform & Taxation	3	0	3	NONE
HIST	100	Philippine History	3	0	3	NONE
PHILO	105	Logic and Ethics	3	0	3	NONE
COMSCI	410	Advanced Database Management Systems	2	1	3	COMSCI 320
INTECH	410	Management Information Systems	3	0	3	COMSCI 321
INTECH	411*	Network Administration II or	2	1		INTECH 322
INTECH	412*	Web Applications Development	2	1	3	COMSCI 322
					TOTAL:	18

**SECOND SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
ITPRAC	421	ON THE JOB TRAINING		9		MUST HAVE PASSED ALL ACADEMIC SUBJECTS

\* Elective Subject (Select one subject only)

**TOTAL NUMBER OF UNITS – 143**