

BACHELOR OF SCIENCE IN INFORMATION SYSTEMS (B.S. IS)

(Curriculum applicable to students who entered as freshmen beginning school year 2015-2016)

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
1	1	ENG021	ENGLISH FOR ACADEMIC STUDIES 1	4.5	-	3.0		
1	1	HUM013	LITERATURE AND CREATIVE ARTS	4.5	-	3.0		
1	1	IT010	I.T. FUNDAMENTALS	3.0	-	2.0		
1	1	IT010L	I.T. FUNDAMENTALS (LAB)	-	3.0	1.0		IT010
1	1	MATH005	ALGEBRA	4.5	-	3.0		
1	1	NSTP010	OVERVIEW OF THE NATIONAL SERVICE TRAINING PROGRAM	3.0	-	(3.0)		
1	1	PE011	PHYSICAL EDUCATION 1: PHYSICAL FITNESS AND GYMNASTICS	-	3.0	(2.0)		
1	1	VE011	VALUES EDUCATION 1	1.5	-	(1.0)		
Total				21.0	6.0	12.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
1	2	ENG022	ENGLISH FOR ACADEMIC STUDIES 2	4.5	-	3.0	ENG021	
1	2	FIL001	FILIPINO 1	4.5	-	3.0		
1	2	IT100	ALGORITHMS AND PROBLEM SOLVING	4.5	-	3.0		
1	2	MATH006	PLANE AND SPHERICAL TRIGONOMETRY	4.5	-	3.0	MATH005	
1	2	VE012	VALUES EDUCATION 2	1.5	-	(1.0)	VE011	
1	2	PE012	PHYSICAL EDUCATION 2: DANCE AND MARTIAL ARTS	-	3.0	(2.0)		
Total				19.5	3.0	12.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
1	3	ENG023	ENGLISH FOR ACADEMIC STUDIES 3	4.5	-	3.0	ENG022	
1	3	FIL002	FILIPINO 2	4.5	-	3.0	FIL001	
1	3	IS100P	FUNDAMENTALS OF PROGRAMMING, DATA AND FILE STRUCTURES	3.0	4.5	3.0	IT100	
1	3	SS016	PHILIPPINE HISTORY	4.5	-	3.0		
1	3	MATH015	MATHEMATICS OF INVESTMENT	4.5	-	3.0	MATH005	
1	3	NSTP011-2P	LITERACY TRAINING SERVICE	4.0	3.0	3.0	NSTP010	
1	3	PE013	PHYSICAL EDUCATION 3: INDIVIDUAL/DUAL SPORTS	-	3.0	(2.0)		
Total				25.0	10.5	15.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
2	1	IS110	FUNDAMENTALS OF BUSINESS AND MANAGEMENT	4.5	0.0	3.0		
2	1	CS100	INTRODUCTION TO COMPUTER SYSTEMS	4.5	-	3.0		
2	1	IT111P	OOP 1 - CONCEPTS IN OBJECT ORIENTED PROGRAMMING (PAIRED)	3.0	4.5	3.0	IS100P	
2	1	SS018	CIVILIZATION AND DEVELOPMENT IN ASIA	4.5	-	3.0		
2	1	FIL003	FILIPINO 3	4.5	-	3.0	FIL002	
2	1	PE014	PHYSICAL EDUCATION 4: ADVANCED INDIVIDUAL/DUAL SPORTS	-	3.0	(2.0)		
Total				21.0	7.5	15.0		

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Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
2	2	CS152	HUMAN COMPUTER INTERACTION	4.5	-	3.0		
2	2	IS111	BUSINESS PROCESSES	4.5	-	3.0	IS110	
2	2	MATH140	DISCRETE MATHEMATICS	4.5	-	3.0	MATH005	
2	2	PHY015	GENERAL PHYSICS	4.5	-	3.0	MATH005	
2	2	PHY015L	GENERAL PHYSICS (LAB)	-	3.0	1.0	MATH005	PHY015
Total				18.0	3.0	13.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
2	3	CS103	SYSTEMS ANALYSIS AND DESIGN	4.5	-	3.0	CS152	
2	3	CS105P	INTRODUCTION TO RELATIONAL DATA BASE MANAGEMENT (PAIRED)	3.0	4.5	3.0	IT111P	
2	3	CHM015	GENERAL CHEMISTRY	4.5	-	3.0		
2	3	CHM015L	GENERAL CHEMISTRY (LAB)	-	3.0	1.0		CHM015
2	3	IT112P	OOP 2 - PROGRAMMING WITH WINDOWS FORMS 1 (PAIRED)	3.0	4.5	3.0	IT111P	
Total				15.0	12.0	13.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	1	IS130P	APPLICATIONS DEVELOPMENT	3.0	4.5	3.0	CS105P, CS103	
3	1	IS112	SYSTEMS INFRASTRUCTURE AND INTEGRATION	4.5	-	3.0	IS100P	
3	1	IS131	ACCOUNTING AND FINANCIALS (LEC)	4.5	-	3.0	IS111	
3	1	IS131L	ACCOUNTING AND FINANCIALS (LAB)	-	4.5	1.0	IS111	IS131
3	1		SPECIALIZATION 1	*	*	3.0	*	*
Total				12.0+	9.0+	13.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	2	MATH110	PROBABILITY AND STATISTICS	4.5	-	3.0	MATH005	
3	2	IS132	IS PROJECT MANAGEMENT	4.5	-	3.0	IS130P	
3	2	SS012	PSYCHOLOGY	4.5	-	3.0		
3	2	HUM012	PHILOSOPHY OF THE HUMAN PERSON	4.5	-	3.0		
3	2		SPECIALIZATION 2	*	*	3.0	*	*
Total				18.0+	0.0+	15.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	IS133	DEPLOYMENT, MAINTENANCE AND SERVICES	4.5	-	3.0	IS130P	
3	3	SS017	SOCIETY, CULTURE AND FAMILY LIFE	4.5	-	3.0		
3	3	IS134	EVALUATION OF BUSINESS PERFORMANCE	4.5	-	3.0	IS131, IS131L	
3	3		SPECIALIZATION 3	*	*	3.0	*	*
3	3	IS136P	ENTERPRISE RESOURCE PLANNING	3.0	4.5	3.0	IS132	
3	3	VE013	VALUES EDUCATION 3	1.5	-	(1.0)	VE012	
Total				18.0+	4.5+	15.0		

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Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	4	IT180F	FIELD TRIP AND SEMINAR	0.0	4.5	1.0	IS136P	
3	4		FREE ELECTIVE 1	*	*	3.0	*	*
Total				0.0+	4.5+	4.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	ENG041L	ENGLISH AT THE WORKPLACE 1	-	3.0	1.0	ENG023	
4	1	IS160	MANAGEMENT OF TECHNOLOGY	4.5	-	3.0		
4	1	IT131P	CCNA 1 - NETWORKING BASICS	3.0	4.5	3.0		
4	1	IS161	INFORMATION SYSTEMS PLANNING	4.5	-	3.0	IS133	
4	1		FREE ELECTIVE 2	*	*	3.0	*	*
Total				12.0+	4.5+	13.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	2	ENG042L	ENGLISH AT THE WORKPLACE 2	-	3.0	1.0	ENG041L	
4	2	IT199R-1	PRACTICUM 1 (162 Hrs)	-	-	3.0	IS161	
4	2	HUM019	HISTORY AND AESTHETICS MULTIMEDIA ARTS	4.5	-	3.0		
4	2	LANG120	FOREIGN LANGUAGE 1	4.5	-	3.0		
4	2	IT181	ETHICS AND I.T. LAWS	4.5	-	3.0	IT180F	
Total				13.5	3.0	13.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	3	VE014	VALUES EDUCATION 4	1.5	-	(1.0)	VE011	
4	3	CS198L	COMPREHENSIVE EXAMINATION MODULE (LAB)	-	4.5	(1.0)	4TH YEAR STANDING	
4	3	ENG043L	ENGLISH AT THE WORKPLACE 3	-	3.0	1.0	ENG042L	
4	3	SS014	JOSE RIZAL AND THE DEVELOPMENT OF FILIPINO NATIONALISM	4.5	-	3.0		
4	3	IT199R-2	PRACTICUM 2 (324 Hrs)	-	-	6.0	IT199R-1	
4	3	IT200D	CAPSTONE PROJECT	0.0	13.5	3.0	IT199R-1	
Total				6.0	21.0	13.0		

Total Academic Units : 166.00

*See table of specs for Electives.

*Add lecture and laboratory hours of chosen Elective courses as reflected in the Table Specs.

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Specialization

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	1	IT127	INFORMATION MANAGEMENT	4.5	-	3.0		
3	2	IT128	INFORMATION ASSURANCE AND SECURITY	4.5	-	3.0		
3	3	IS135	IT AUDIT AND CONTROLS	4.5	-	3.0	IS130P	
3	3	IS136P	ENTERPRISE RESOURCE PLANNING	3.0	4.5	3.0	IS132	
Total				16.5	4.5	12.0		

Free Electives

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites
3	4	IT177P	WEB TECHNOLOGY	3.0	4.5	3.0	IT112P	
4	1	IT150P	MULTIMEDIA SYSTEMS	3.0	4.5	3.0	IT112P	
4	2	LANG120	FOREIGN LANGUAGE 1	4.5	-	3.0		
Total				7.5	4.5	6.0		