

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (B.S. IT)

(Curriculum applicable to students who entered as freshmen beginning school year 2014-2015)

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
1	1	BIO011	GENERAL BIOLOGY	4.5	-	3.0		
1	1	ENG021	ENGLISH FOR ACADEMIC STUDIES 1	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		
1	1	MATH005	ALGEBRA	4.5	-	3.0		
1	1	SS019	PHILIPPINE HISTORY, GOVERNMENT AND CONSTITUTION	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				25.5	6.0	15.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
1	2	CS100	INTRODUCTION TO COMPUTER SYSTEMS	4.5	-	3.0		
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	PE012	PHYSICAL EDUCATION 2: DANCE AND MARTIAL ARTS	-	3.0	(2.0)	PE011	
1	2	VE012	VALUES EDUCATION 2	1.5	-	(1.0)	VE011	
Total				24.0	3.0	15.0		

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	IT110P	COMPUTER PROGRAMMING CONCEPTS (PAIRED)	3.0	4.5	3.0	IT100	
1	3	MATH007	ANALYTIC GEOMETRY	4.5	-	3.0	MATH006	
1	3	SS018	CIVILIZATION AND DEVELOPMENT IN ASIA	4.5	-	3.0		
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	CHM015	GENERAL CHEMISTRY	4.5	-	3.0		
2	1	CHM015L	GENERAL CHEMISTRY (LAB)	-	3.0	1.0		CHM015
2	1	CS106P	DATA STRUCTURES AND ALGORITHMS (PAIRED)	3.0	4.5	3.0	IT110P	
2	1	MATH140	DISCRETE MATHEMATICS	4.5	-	3.0	MATH005	
2	1	IT111P	OOP 1 - CONCEPTS IN OBJECT ORIENTED PROGRAMMING (PAIRED)	3.0	4.5	3.0	IT110P	
2	1	MATH014	SOLID MENSURATION	3.0	-	2.0	MATH006	
Total				18.0	12.0	15.0		

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (B.S. IT)

(Curriculum applicable to students who entered as freshmen beginning school year 2014-2015)

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	ENG041L	ENGLISH AT THE WORKPLACE 1	-	3.0	1.0	ENG023	
2	2	IT127	INFORMATION MANAGEMENT	4.5	-	3.0		
2	2	MATH020	BASIC CALCULUS	4.5	-	3.0	MATH007	
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	6.0	14.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
2	3	CS103	SYSTEMS ANALYSIS AND DESIGN 1	4.5	-	3.0	CS100	
2	3	CS105P	INTRODUCTION TO RELATIONAL DATA BASE MANAGEMENT (PAIRED)	3.0	4.5	3.0	IT111P	
2	3	HUM012	PHILOSOPHY OF THE HUMAN PERSON	4.5	-	3.0		
2	3	IT112P	OOP 2 - PROGRAMMING WITH WINDOWS FORMS 1 (PAIRED)	3.0	4.5	3.0	IT111P	
2	3	IT130	DATA COMMUNICATIONS AND INTRODUCTION TO NETWORKING TECHNOLOGIES	4.5	-	3.0	CS100	
2	3	PE014	PHYSICAL EDUCATION 4: ADVANCED INDIVIDUAL/DUAL SPORTS	-	3.0	(2.0)	PE013	
Total				19.5	12.0	15.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	1	CPE131-1P	COMPUTER SYSTEMS ORGANIZATION AND ARCHITECTURE WITH ASSEMBLY LANGUAGE PROGRAMMING (PAIRED)	3.0	4.5	3.0		
3	1	HUM013	LITERATURE AND CREATIVE ARTS	4.5	-	3.0		
3	1	IT114P	OOP 4 - PROGRAMMING USING WEB (PAIRED).	3.0	4.5	3.0	IT111P	
3	1	IT117P	JAVA PROGRAMMING (PAIRED)	3.0	4.5	3.0	IT112P	
3	1	SS012	PSYCHOLOGY	4.5	-	3.0		
Total				18.0	13.5	15.0		

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	CPE101-1P	DIGITAL DESIGN (PAIRED)	3.0	4.5	3.0		
3	2	CS150P	SOFTWARE ENGINEERING (PAIRED)	3.0	4.5	3.0	CS103, IT112P, IT114P	
3	2	IT128	INFORMATION ASSURANCE AND SECURITY	4.5	-	3.0		
3	2		IT PROFESSIONAL ELECTIVE 1	*	*	3.0		
Total				15.0+	9.0+	15.0		

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (B.S. IT)

(Curriculum applicable to students who entered as freshmen beginning school year 2014-2015)

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	CS151	OPERATING SYSTEMS	4.5	-	3.0	CS106P	
3	3	SS017	SOCIETY, CULTURE AND FAMILY LIFE	4.5	-	3.0		
3	3	VE013	VALUES EDUCATION 3	1.5	-	(1.0)	VE011	
3	3		IT PROFESSIONAL ELECTIVE 2	*	*	3.0		
3	3		IT PROFESSIONAL ELECTIVE 3	*	*	3.0		
3	3		IT PROFESSIONAL ELECTIVE 4	*	*	3.0		
Total				10.5+	0.0+	15.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	4	IT180F	FIELD TRIP AND SEMINAR	-	4.5	1.0	CS150P	
3	4		FREE ELECTIVE 1	*	*	3.0		
3	4	ENG042L	ENGLISH AT THE WORKPLACE 2	-	3.0	1.0	ENG041L	
Total				0.0+	7.5+	5.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	IT200D-1	CAPSTONE PROJECT 1	-	4.5	1.0	CS150P	
4	1	IT181	ETHICS AND I.T. LAWS	4.5	-	3.0	IT180F	
4	1		IT PROFESSIONAL ELECTIVE 5	*	*	3.0		
4	1		IT PROFESSIONAL ELECTIVE 6	*	*	3.0		
4	1		IT PROFESSIONAL ELECTIVE 7	*	*	3.0		
4	1	VE014	VALUES EDUCATION 4	1.5	-	(1.0)	VE011	
Total				6.0+	4.5+	13.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	2	IT199R-1	PRACTICUM 1			3.0	IT181	
4	2	ENG043L	ENGLISH AT THE WORKPLACE 3	-	3.0	1.0	ENG042L	
4	2	SS014	JOSE RIZAL AND THE DEVELOPMENT OF FILIPINO NATIONALISM	4.5	-	3.0		
4	2		IT PROFESSIONAL ELECTIVE 8	*	*	3.0		
4	2		FREE ELECTIVE 2	*	*	3.0		
Total				4.5+	3.0+	13.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	3	CS198L	COMPREHENSIVE EXAMINATION MODULE (LAB)	-	4.5	(1.0)	4TH YEAR STANDING	
4	3	HUM015	HISTORY OF ARTS	4.5	-	3.0		
4	3	IT200D-2	CAPSTONE PROJECT 2	-	9.0	2.0	CS150P	
4	3	IT199R-2	PRACTICUM 2			6.0	IT181	
4	3		FREE ELECTIVE 3	*	*	3.0		
Total				4.5+	13.5+	14.0		

Total Academic Units : 179.00

*See table of specs for Electives.

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

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (B.S. IT)

(Curriculum applicable to students who entered as freshmen beginning school year 2014-2015)

GAME DEVELOPMENT SPECIALIZATION

Required Units of Specialization : 24.00

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	2	IT170	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	4.5	-	3.0	3RD YEAR STANDING	
Total				4.5	0.0	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	IT162P	PRINCIPLES OF 2D ANIMATION	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	IT171P	COMPUTER GRAPHICS	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	IT172P	GAME PROGRAMMING	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	IT173P	GAME DESIGN AND DEVELOPMENT	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	IT174P	GAME NETWORKING	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	IT175P	GAME PRODUCTION	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	2	IT176P	GAME DEVELOPMENT PROJECT	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (B.S. IT)

(Curriculum applicable to students who entered as freshmen beginning school year 2014-2015)

DIGITAL ANIMATION SPECIALIZATION

Required Units of Specialization : 24.00

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	2	IT161P	DIGITAL DRAWING	3.0	4.5	3.0	3RD YEAR STANDING	
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	IT162P	PRINCIPLES OF 2D ANIMATION	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	IT163P	AUDIO DESIGN AND SOUND ENGINEERING	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	IT164P	PRINCIPLES OF 3D ANIMATION	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	IT165P	DESIGN AND PRODUCTION PROCESS	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	IT166P	MODELLING AND RIGGING	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	IT167P	LIGHTS AND EFFECTS	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	2	IT168P	IMAGE AND VIDEO PRODUCTION	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (B.S. IT)

(Curriculum applicable to students who entered as freshmen beginning school year 2014-2015)

MOBILE AND WEB TECHNOLOGY SPECIALIZATION

Required Units of Specialization : 24.00

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	2	IT150P	MULTIMEDIA SYSTEMS	3.0	4.5	3.0	3RD YEAR STANDING	
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	IT162P	PRINCIPLES OF 2D ANIMATION	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	IT177P	WEB TECHNOLOGY	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
3	3	IT116P	OOP 6 - INTRODUCTION TO MOBILE PROGRAMMING (PAIRED)	3.0	4.5	3.0	IT117P	
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	IT173P	GAME DESIGN AND DEVELOPMENT	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	IT178P	ADVANCED MOBILE PROGRAMMING 1	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	1	IT179P	ADVANCED MOBILE PROGRAMMING 2	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
4	2	IT180P	MOBILE AND WEB TECHNOLOGY PROJECT	3.0	4.5	3.0		
Total				3.0	4.5	3.0		

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (B.S. IT)

(Curriculum applicable to students who entered as freshmen beginning school year 2014-2015)

FREE ELECTIVES FOR BATCH 2014

Required Units of Free Electives : 9.00

		Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites
		IT116P	OOP 6 - INTRODUCTION TO MOBILE PROGRAMMING (PAIRED)	3.0	4.5	3.0	IT117P	
		LANG120	FOREIGN LANGUAGE 1	4.5	-	3.0		
		ACT101-9	FUNDAMENTAL ACCOUNTING FOR BUSINESS	4.5	-	3.0		