

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

(Curriculum applicable to students who entered as freshmen beginning school year 2010-2011)

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
1	1	CS100	INTRODUCTION TO COMPUTER SYSTEMS	4.5	-	3.0			CIT
1	1	ENG011	ENGLISH FOR ACADEMIC STUDIES 1	3.0	-	2.0			CAS
1	1	FIL011	FILIPINO 1	3.0	-	2.0			CAS
1	1	IT011L	I.T. FUNDAMENTALS 1 (LAB)	-	3.0	1.0			CAS
1	1	MATH011	ALGEBRA	4.5	-	3.0			CIT
1	1	HUM011	LOGIC REASONING WITH CRITICAL THINKING	4.5	-	3.0			CAS
1	1	CWTS011	OVERVIEW OF THE NATIONAL SERVICE TRAINING PROGRAM	3.0	-	2.0			CSRO
1	1	PE021	PHYSICAL EDUCATION 1: PHYSICAL FITNESS & GYMNASTICS	-	2.5	1.5			CAS
1	1	VE011	VALUES EDUCATION 1	1.5	-	1.0			CAS
Total				24.0	5.5	18.5*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
1	2	CS101P-1	LOGIC FORMULATION, PROBLEM SOLVING AND ALGORITHMS 1 (PAIRED)	3.0	4.5	3.0			CIT
1	2	ENG012	ENGLISH FOR ACADEMIC STUDIES 2	3.0	-	2.0	ENG011		CAS
1	2	FIL012	FILIPINO 2	3.0	-	2.0	FIL011		CAS
1	2	IT012L	I.T. FUNDAMENTALS 2 (LAB)	-	3.0	1.0	IT011L		CIT
1	2	MATH012	PLANE AND SPHERICAL TRIGONOMETRY	4.5	-	3.0	MATH011		CAS
1	2	HUM012	PHILOSOPHY OF THE HUMAN PERSON	4.5	-	3.0			CAS
1	2	CWTS012	CIVIC WELFARE TRAINING COURSE – I	3.0	-	2.0	CWTS011		CSRO
1	2	PE022	PHYSICAL EDUCATION 2: DANCE & MARTIAL ARTS	-	2.5	1.5			CAS
Total				21.0	10.0	17.5*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
1	3	CHM015	GENERAL CHEMISTRY 1	4.5	-	3.0			CAS
1	3	CHM015L	GENERAL CHEMISTRY 1 LABORATORY	-	3.0	1.0		CHM015	CAS
1	3	CS101P-2	LOGIC FORMULATION, PROBLEM SOLVING AND ALGORITHMS 2 (PAIRED)	3.0	4.5	3.0	CS101P-1		CIT
1	3	ENG013	ENGLISH FOR ACADEMIC STUDIES 3	3.0	-	2.0	ENG012		CAS
1	3	FIL013	FILIPINO 3	3.0	-	2.0	FIL012		CAS
1	3	IT013L	I.T. FUNDAMENTALS 3 (LAB)	-	3.0	1.0	IT012L		CIT
1	3	MATH013	ANALYTIC GEOMETRY	4.5	-	3.0	MATH012		CAS
1	3	CWTS013	CIVIC WELFARE TRAINING COURSE – II	3.0	-	2.0	CWTS012		CSRO
1	3	PE023	PHYSICAL EDUCATION 3. INDIVIDUAL/DUAL SPORTS	-	2.5	1.5			CAS
Total				21.0	13.0	18.5*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
2	1	CS102	DATA STRUCTURES AND FILE ORGANIZATION	4.5	-	3.0	CS101P-2		CIT
2	1	IT111P	OOP 1 - CONCEPTS IN OBJECT ORIENTED PROGRAMMING (PAIRED)	3.0	4.5	3.0	CS101P-2		CIT
2	1	MATH014	SOLID MENSURATION	3.0	-	2.0	MATH012		CAS
2	1	SS018	CIVILIZATION & DEVELOPMENT IN ASIA	4.5	-	3.0			CAS
2	1	HUM013	LITERATURE AND CREATIVE ARTS	4.5	-	3.0			CAS
2	1	PE024	PHYSICAL EDUCATION 4. ADVANCED INDIVIDUAL/DUAL SPORTS	-	2.5	1.5	PE023		CAS
Total				19.5	7.0	15.5*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
2	2	BIO011	GENERAL BIOLOGY	4.5	-	3.0			CAS
2	2	CS103	SYSTEMS ANALYSIS AND DESIGN 1	4.5	-	3.0	CS102		CIT
2	2	IT112P-1	OOP 2 - PROGRAMMING WITH WINDOWS FORMS 1 (PAIRED)	3.0	4.5	3.0	IT111P		CIT
2	2	MATH020	BASIC CALCULUS	4.5	-	3.0	MATH013		CAS
2	2	SS014	JOSE RIZAL & THE DEVELOPMENT OF FILIPINO NATIONALISM	4.5	-	3.0			CAS
2	2	PE025	PHYSICAL EDUCATION 5: TEAM SPORTS	-	2.5	1.5			CAS
2	2	VE012	VALUES EDUCATION 2	1.5	-	1.0	VE011		CAS
Total				22.5	7.0	17.5*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
2	3	CS104	SYSTEMS ANALYSIS AND DESIGN 2	4.5	-	3.0	CS103		CIT
2	3	CS105P	INTRODUCTION TO RELATIONAL DATA BASE MANAGEMENT (PAIRED)	3.0	4.5	3.0	IT112P-1		CIT
2	3	IT112P-2	OOP 2 - PROGRAMMING WITH WINDOWS FORMS 2 (PAIRED)	3.0	4.5	3.0	IT112P-1		CIT
2	3	PHY015	GENERAL PHYSICS	4.5	-	3.0	MATH011		CAS
2	3	PHY015L	GENERAL PHYSICS (LAB)	-	3.0	1.0	MATH011	PHY015	CAS
2	3	PE026	PHYSICAL EDUCATION 6: ADVANCED TEAM SPORTS	-	2.5	1.5	PE025		CAS
Total				15.0	14.5	14.5*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
2	4	SS015	POLITICS, GOVERNANCE & THE 1987 PHILIPPINE CONSTITUTION	4.5	-	3.0			CAS
2	4	SS017	SOCIETY, CULTURE & FAMILY LIFE	4.5	-	3.0			CAS
Total				9.0	0.0	6.0*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
3	1	CPE132P	COMPUTER SYSTEMS ORGANIZATION AND ARCHITECTURE (PAIRED)	3.0	4.5	3.0			MITL
3	1	ENG041L	ENGLISH FOR THE WORKPLACE 1	-	3.0	1.0	ENG013		CAS
3	1	IT113P	OOP 3 – PROGRAMMING USING ADO.NET (PAIRED)	3.0	4.5	3.0	IT112P-2		CIT
3	1	IT126L	SCIENCE APPLICATION PROGRAMMING (LAB)	-	4.5	1.0	BIO011, CHM015, IT112P-2, PHY015		CIT
3	1	SS013	ECONOMICS, TAXATION & AGRARIAN REFORM	4.5	-	3.0			CAS
3	1	MATH140	DISCRETE MATHEMATICS	4.5	-	3.0	MATH011		CAS
Total				15.0	16.5	14.0*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
3	2	ACT101-9	FUNDAMENTALS OF ACCOUNTING FOR BUSINESS	4.5	-	3.0			ETYCB
3	2	IT114P	OOP 4 - PROGRAMMING USING WEB (PAIRED)	3.0	4.5	3.0	IT112P-2		CIT
3	2	IT130	DATA COMMUNICATIONS AND INTRODUCTION TO NETWORKING TECHNOLOGIES	4.5	-	3.0			CIT
3	2	IT150P	MULTIMEDIA SYSTEMS	3.0	4.5	3.0	IT112P-2		CIT
3	2		IT SPECIALIZATION ELECTIVE 1	3.0	4.5	3.0			CIT
3	2	VE013	VALUES EDUCATION 3	1.5	-	1.0	VE011		CAS
Total				19.5	13.5	16.0*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
3	3	CPE151P	OPERATING SYSTEMS APPLICATIONS (PAIRED)	3.0	4.5	3.0			MITL
3	3	ENG042L	ENGLISH AT THE WORKPLACE 2	-	3.0	1.0	ENG041L		CAS
3	3	IT115P	OOP 5 - REUSABILITY OF CODES AND LIBRARIES, WEB SERVICES, AND LOAD BALANCING (PAIRED)	3.0	4.5	3.0	IT114P		CIT
3	3		IT SPECIALIZATION ELECTIVE 2	3.0	4.5	3.0			CIT
3	3		CS/IT FREE ELECTIVE 1	3.0	4.5	3.0			CIT
Total				12.0	21.0	13.0*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
4	1	CS150P	SOFTWARE ENGINEERING (PAIRED)	3.0	4.5	3.0	CS105P		CIT
4	1	MATH110	PROBABILITY AND STATISTICS	4.5	-	3.0	MATH011		CAS
4	1		IT SPECIALIZATION ELECTIVE 3	3.0	4.5	3.0			CIT
4	1		CS/IT FREE ELECTIVE 2	3.0	4.5	3.0			CIT
4	1	VE014	VALUES EDUCATION 4	1.5	-	1.0	VE013		CAS
Total				15.0	13.5	13.0*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
4	2	CS198L	COMPREHENSIVE EXAMINATION MODULE (LAB)	-	4.5	1.0	CANDIDATE FOR GRADUATION		CIT
4	2	ENG043L	ENGLISH AT THE WORKPLACE 3	-	3.0	1.0	ENG042L		CAS
4	2	IT180F	I.T. FIELD TRIP (FLD)	-	4.5	1.0	CANDIDATE FOR GRADUATION		CIT

4	2	IT181	ETHICS AND I.T. LAWS	4.5	-	3.0	4 th Year Standing		CIT
4	2	IT200D - 1	I.T. PROJECTS 1 (CAPSTONE PROJECT)	-	4.5	1.0	CS150P, IT115P, IT130		CIT
4	2		CS/IT FREE ELECTIVE3	3.0	4.5	3.0			CIT
4	2		IT SPECIALIZATION ELECTIVE 4	3.0	4.5	3.0			CIT
Total				10.5	25.5	13.0*			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
4	3	IT199R	I.T. PRACTICUM	-	40	9			CIT
4	3	IT200D - 2	I.T. PROJECTS 2 (CAPSTONE PROJECT)	-	9	2	IT200D-1		CIT
Total				0.0	49.0	11.0*			

Required Units of Specialization : 12.00

TRACK FOR JAVA PROGRAMMING

Specialization Code: JAVA TRACK

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
3	2	CS131P	JAVA 1 - INTRODUCTION TO JAVA PROGRAMMING (PAIRED)	3.0	4.5	3.0	CS102	NONE	CIT
Total				3.0	4.5	3.0			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
3	3	CS132P	JAVA 2 - JAVA PROGRAMMING USING FORMS (PAIRED)	3.0	4.5	3.0	CS131P	NONE	CIT
Total				3.0	4.5	3.0			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
4	1	CS133P	JAVA 3 - JAVA APPLET (PAIRED)	3.0	4.5	3.0	CS132P	NONE	CIT
Total				3.0	4.5	3.0			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
4	2	CS134P	JAVA 4 - ADVANCED JAVA PROGRAMMING (PAIRED)	3.0	4.5	3.0	CS133P	NONE	CIT
Total				3.0	4.5	3.0			

TRACK FOR NETWORK ADMINISTRATION

Specialization Code: CCNA

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
3	2	IT131P	CCNA 1 - NETWORKING BASICS	3.0	4.5	3.0	NONE	NONE	CIT
Total				3.0	4.5	3.0			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
3	3	IT132P	CCNA 2 - ROUTERS AND ROUTING BASICS	3.0	4.5	3.0	IT131P	NONE	CIT
Total				3.0	4.5	3.0			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
4	1	IT133P	CCNA 3 - SWITCHING BASICS AND INTERMEDIATE ROUTING	3.0	4.5	3.0	IT132P	NONE	CIT
Total				3.0	4.5	3.0			

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
4	2	IT134P	CCNA 4 - WAN TECHNOLOGIES	3.0	4.5	3.0	IT133P	NONE	CIT
Total				3.0	4.5	3.0			

Elective Type: CIT FREE ELECTIVES 2010 (9)**Required Units: 9.00**

Year	Term	Code	Title	Lec Hrs	Lab Hrs	Total Units	Prerequisites	Co-requisites	Servicing College/Dept.
---	---	IT116P	OOP 6 - INTRODUCTION TO MOBILE PROGRAMMING (PAIRED)	3.0	4.5	3.0	IT112P-2	NONE	CIT
---	---	MATH015	BUSINESS AND INVESTMENT MATHEMATICS	4.5	-	3.0	MATH011	NONE	CAS
---	---	MGT110	ENTREPRENEURSHIP AND MANAGEMENT	4.5	-	3.0	NONE	NONE	ETYCB
Total				12.0	4.5	9.0			

**PE, NSTP, VE and CORRELATION units are not considered in the computation of TWA and maximum load per term.*

TOTAL NO. OF UNITS: 188.0**LESS NON-ACADEMIC UNITS: 168.0**