

De La Salle University-Manila
College of Computer Studies
Bachelor of Science in Computer Science Major in Computer Systems Engineering
COURSE CHECKLIST AY 2014-2018

ACADEMIC YEAR 2014-2015				
FIRST TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
SCIMATB	NATURAL SCIENCE NEW MATERIALS TRACK- BIO LEC	1		LBYMATB
LBYMATB	NATURAL SCIENCE NEW MATERIALS TRACK- BIO LAB	1		SCIMATB
FILKOMU	KOMUNIKASYON SA FILIPINOHIYA	3		
BASICON	BASIC COMPUTER CONCEPTS	3		
COMPRO1	INTRODUCTION TO COMPUTER PROGRAMMING 1	3		
CCSALGE	COLLEGE ALGEBRA FOR CCS STUDENTS	2		
NSTP101	NSTP ORIENTATION	0		
FITWELL	FITNESS & WELLNESS	2		
PERSEF1	PERSONAL EFFECTIVENESS 1	(2)		
SAS1000	STUDENT AFFAIRS SERVICES1000	0		
TOTAL		15 (2)		

SECOND TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
FILDLAR	PAGBASA AT PAGSULAT SA IBAT-IBANG DISIPLINA	3	FILKOMU	
SOCTEC1	SCIENCE, TECHNOLOGY & SOCIETY 1	3		
COMPRO2	ADVANCED C PROGRAMMING	3	COMPRO1	
CCSTRIG	COLLEGE TRIGONOMETRY FOR CCS STUDENTS	2	CCSALGE	
DISCTRU	DISCRETE STRUCTURES	3	CCSALGE	
NSTP-01	NATIONAL SERVICE TRAINING PROGRAM PHASE 1	(3)	NSTP101	
FTSPORT	FITNESS & WELLNESS IN INDIVIDUAL SPORTS	2	(FITWELL)	
FORMDEV	FORMATION & DEVELOPMENT	(0.5)		
LASARE1	LASALLIAN RECOLLECTION 1	0		
TOTAL		16 (3.5)		

THIRD TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
ENGLCOM	BASIC COMMUNICATION AND STUDY SKILLS	3		
OBJECTP	OBJECT ORIENTED PROG'G WITH JAVA	3	COMPRO2	
CCSCAL1	CALCULUS 1 FOR CCS STUDENTS	3	CCSALGE	
DASALGO	INTRO TO DATA STRUCTURE & ALGORITHMS	3	(COMPRO2, DISCTRU)	
NSTP-02	NATIONAL SERVICE TRAINING PROGRAM PHASE 2	(3)	NSTP-01	
FTDANCE	FITNESS & WELLNESS IN DANCE	2	(FITWELL)	
TREDONE	HUMANITY'S SEARCH FOR LIFE	3		
TOTAL		17 (3)		

ACADEMIC YEAR 2015-2016				
FIRST TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
SPEECOM	ORAL COMMUNICATION/ADVANCED SPEECH CLASS	3	ENGLCOM	
COMPASM	COMPUTER PROGRAMMING IN ASSEMBLY LANGUAGE	3	BASICON	
CCSCAL2	CALCULUS 2 FOR CCS STUDENTS	3	CCSCAL1	
NTANALY	AC/DC NETWORK ANALYSIS	3	CCSALGE	LBYNATAN
LBYNATAN	LABORATORY FOR AC/DC NETWORK ANALYSIS	1	CCSALGE	NTANALY
TREDTWO	THE FILIPINO CHRISTIAN IN A CHANGING WORLD	3	TREDONE	
LASARE2	LASALLIAN RECOLLECTION 2	0	LASARE1	
TOTAL		16		

SECOND TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
SCIMATP	NATURAL SCIENCE NEW MATERIALS TRACK - PHYSICS LEC	2		
INTRODB	INTRODUCTION TO DATABASES	3	COMPRO2	
COMALGO	THEORY OF COMPUTATION AND ALGORITHM ANALYSIS	3	DASALGO	
ELEC-01	FUND. OF ELECTRONICS AND CIRCUITS (LECTURE)	3	NTANALY, LBYNATAN	LBYELC1
LBYELC1	FUND. OF ELECTRONICS AND CIRCUITS (LABORATORY)	1	NTANALY, LBYNATAN	ELEC-01
DIGITAL	DIGITAL ELECTRONICS	3	NTANALY, LBYNATAN	LBYDIGT
LBYDIGT	LABORATORY FOR DIGITAL DESIGN	1	NTANALY, LBYNATAN	DIGITAL
FTTEAMS	FITNESS & WELLNESS IN TEAM SPORTS	2	(FITWELL)	
PERSEF2	PERSONAL EFFECTIVENESS 2	(2)	PERSEF1	
TOTAL		18(2)		

THIRD TERM				
SUBJECTS	COURSE DESCRIPTION	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
SCIMATC	NATURAL SCIENCE NEW MATERIALS TRACK - CHEM LEC	1		LBYMATC
LBYMATC	NATURAL SCIENCE NEW MATERIALS TRACK - CHEM LAB	1		SCIMATC
ENGLRES	BASIC RESEARCH SKILLS/ENGLISH FOR SPECIFIC PURPOSE	3	ENGLCOM	
COMORGA	COMPUTER ORGANIZATION	3	COMPASM	
ELEC-02	LINEAR ELECTRONICS AND COMM.SYSTEMS (LECTURE)	3	ELEC-01, LBYELC1	LBYELC02
LBYELC2	LINEAR ELECTRONICS AND COMM.SYSTEMS (LABORATORY)	1	ELEC-01, LBYELC1	ELEC-02
MICPRO1	MICROPROCESSOR/MICROCONTROLLER TECH 1 (LECTURE)	3	ELEC-01, LBYELC1, DIGITAL, LBYDIGT	LBYMIC1
LBYMIC1	MICROPROCESSOR/MICROCONTROLLER TECH 1 (LAB)	1	ELEC-01, LBYELC1, DIGITAL, LBYDIGT	MICPRO1
TOTAL		16		

ACADEMIC YEAR 2016-2017				
FIRST TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
SOCTEC2	SCIENCE, TECHNOLOGY AND SOCIETY 2	3	SOCTEC1	
INTROSE	INTRODUCTION TO SOFTWARE ENGINEERING	3	INTRODB, OBJECTP	
CT-MATH	MATHEMATICS FOR CSE/NE	3	CCSCAL2	
CT-NETW	COMPUTER NETWORKS AND DATA COMMUNICATIONS	3	(ELEC-02, LBYELC02)	
CSELEC1	COMPUTER SYSTEMS ENGINEERING ELECTIVE 1	3		
TREDTRI	THE CHRISTIAN AND THE WORD	3	TREDTWO	
TOTAL		18		

SECOND TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
COMPARC	COMPUTER ARCHITECTURE	3	COMORGA	
WEB-PRG	WEB APPLICATION PROGRAMMING	3	OBJECTP, INTRODB	
BASCDSP	BASIC DIGITAL SIGNAL PROCESSING	3	CT-MATH	
MICPRO2	MICROPROCESSOR/MICROCONTROLLER TECH 2 (LECTURE)	3	MICPRO1, LBYMIC1	LBYMIC2
LBYMIC2	MICROPROCESSOR/MICROCONTROLLER TECH 2 (LAB)	1	MICPRO1, LBYMIC1	MICPRO2
CSELEC2	COMPUTER SYSTEMS ENGINEERING ELECTIVE 2	3		
TOTAL		16		

THIRD TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
INTROOS	INTRO TO OPERATING SYSTEMS	3	COMORGA	
FBKCTRL	INTRODUCTION TO FEEDBACK CONTROL SYSTEMS	3	CT-MATH	
CTRESME	CSE RESEARCH AND METHODS	2	MICPRO1, LBYMIC1	
PRCTCSE	PRACTICUM FOR CSE STUDENTS	1	MICPRO1, LBYMIC1	
TOTAL		9		

ACADEMIC YEAR 2017-2018				
FIRST TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
HUMAART	INTRODUCTION TO ART	3	ENGLRES	
KASPIL1	BUHAY, MGA SINULAT AT NAGAWA NI DR. JOSE RIZAL	3		
SYSQUAR	SYSTEMS QUALITY CONTROL (LECTURE)	3		LBYSYSQ
LBYSYSQ	SYSTEMS QUALITY CONTROL (LABORATORY)	1		SYSQUAR
SPELEC1	SPECIAL ELECTIVE 1	3		
THSCE-1	THESIS FOR CSE STUDENTS	2	CTRESME	
TREDFOR	THE CHRISTIAN VOCATION TO LIFE	3	TREDTRI	
IPERSEF	INTEGRATING COURSE FOR PERSONAL EFFECTIVENESS	0	PERSEF2	
LASARE3	LASALLIAN RECOLLECTION 3	0	LASARE2	
TOTAL		18		

SECOND TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
KASPIL2	KASAYSAYAN NG PILIPINAS	3	KASPIL1	
MODESTA	MODELLING, SIMULATION AND STATISTICS	3		
THSCE-2	THESIS 2 FOR CSE STUDENTS	2	THSCE-1	
CSELEC3	COMPUTER SYSTEMS ENGINEERING ELECTIVE 3	3		
CSELEC4	COMPUTER SYSTEMS ENGINEERING ELECTIVE 4	3		
GREATWK	THE GREAT WORKS	3		
TOTAL		17		

THIRD TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
HUMALIT	INTRODUCTION TO LITERATURE	3	ENGLRES	
CSETHIC	CS PROFESSIONAL ETHICS	3		
SPELEC2	SPECIAL ELECTIVE 2	3		
SPELEC3	SPECIAL ELECTIVE 3	3		
THSCE-3	THESIS 3 FOR CSE STUDENTS	2	THSCE-2	
INTFILO	INTRODUCTORY PHILOSOPHY	3		
TOTAL		17		

TOTAL ACADEMIC UNITS = 193
TOTAL NON-ACADEMIC UNITS = (10.5)

NOTES:

OBJECTP should have been taken by the student not later than his/her 6th term in the BSCS program.

CHOICES FOR PROFESSIONAL ELECTIVES:

Robotics Track:

Electronic Circuit Design
Introduction to PIC Microcontrollers
Mobile Robots Fundamentals
Digital Image Processing

Digital Signal Processing Track:

Real Time Digital Signal Processing
Speech Processing
Digital Audio Processing
Digital Image Processing

POSSIBLE COURSES FOR SPECIAL ELECTIVES:

Technopreneurship, Foreign Languages

TO THE STUDENT:

1. Please note that courses should not be enrolled without passing their respective pre-requisites and taking (not necessarily passed) their soft-requisites . Be reminded that not following so will cause the courses to be INVALIDATED.

2. This checklist is tentative and subject to change.

Please be guided accordingly. Thank you.

Prepared by: **MS. JOCELYNN CU**
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Last Modified: **January 22, 2015**