

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

ACADEMIC YEAR 2014-2015				
FIRST TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
FILKOMU	KOMUNIKASYON SA FILIPINOHIYA	3		
COMPRO1	INTRODUCTION TO COMPUTER PROGRAMMING 1	3		
CCSALGE	COLLEGE ALGEBRA FOR CCS STUDENTS	2		
BASICON	BASIC COMPUTER CONCEPTS	3		
SCIMATB	NATURAL SCIENCE NEW MATERIALS TRACK- BIO LEC	1		LBYMATB
LBYMATB	NATURAL SCIENCE NEW MATERIALS TRACK- BIO LAB	1		SCIMATB
FITWELL	FITNESS & WELLNESS	2		
PERSEF1	PERSONAL EFFECTIVENESS 1	(2)		
NSTP101	NSTP ORIENTATION	0		
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	
DISCTRU	DISCRETE STRUCTURES	3	CCSALGE	
CCSTRIG	COLLEGE TRIGONOMETRY FOR CCS STUDENTS	2	CCSALGE	
FTSPORT	FITNESS & WELLNESS IN INDIVIDUAL SPORTS	2 (FITWELL)		
LASARE1	LASALLIAN RECOLLECTION 1	0		
NSTP-01	NATIONAL SERVICE TRAINING PROGRAM PHASE 1	(3)	NSTP101	
TOTAL		16 (3)		

THIRD TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
TREDONE	HUMANITY'S SEARCH FOR LIFE	3		
ENGLCOM	BASIC COMMUNICATION AND STUDY SKILLS	3		
OBJECTP	OBJECT ORIENTED PROG'G WITH JAVA	3	COMPRO2	
DASALGO	INTRO TO DATA STRUCTURES & ALGORITHMS	3	(COMPRO2, DISCTRU)	
CCSCAL1	CALCULUS 1 FOR CCS STUDENTS	3	CCSALGE	
FORMDEV	FORMATION & DEVELOPMENT	(0.5)		
FTDANCE	FITNESS & WELLNESS IN DANCE	2 (FITWELL)		
NSTP-02	NATIONAL SERVICE TRAINING PROGRAM PHASE 2	(3)	NSTP-01	
TOTAL		17 (3.5)		

ACADEMIC YEAR 2015-2016				
FIRST TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
TREDTWO	THE FILIPINO CHRISTIAN IN A CHANGING WORLD	3	TREDONE	
SPEECOM	ORAL COMMUNICATION/ADVANCED SPEECH CLASS	3	ENGLCOM	
CCSCAL2	CALCULUS 2 FOR CCS STUDENTS	3	CCSCAL1	
COMPASM	COMPUTER PROGRAMMING IN ASSEMBLY LANGUAGE	3	BASICON	
NECOR01	INTRODUCTION TO NETWORKS (LECTURE)	3	BASICON	LBYNE01
LBYNE01	INTORDUCTION TO NETWORKS (LABORATORY)	1	BASICON	NECOR01
LASARE2	LASALLIAN RECOLLECTION 2	0	LASARE1	
TOTAL		16		

SECOND TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
INTRODB	INTRODUCTION TO DATABASES	3	COMPRO2	
COMALGO	THEORY OF COMPUTATION AND ALGORITHM ANALYSIS	3	DASALGO	
HCK-LCT	LECTURE ON ETHICAL HACKING COUNTERMEASURES	3	NECOR01, LBYNE01 (COMPASM)	LBY-HCK
LBY-HCK	LABORATORY ON ETHICAL HACKING COUNTERMEASURES	1	NECOR01, LBYNE01 (COMPASM)	HCK-LCT
NECOR02	ROUTING AND SWITCHING FUNDAMENTALS (LECTURE)	3	NECOR01, LBYNE01	LBYNE02
LBYNE02	ROUTING AND SWITCHING FUNDAMENTALS (LABORATORY)	1	NECOR01, LBYNE01	NECOR02
SCIMATP	NATURAL SCIENCE NEW MATERIALS TRACK - PHYSICS LEC	2		
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
ENGLRES	BASIC RESEARCH SKILLS/ENGLISH FOR SPECIFIC PURPOSE	3	ENGLCOM	
WEB-PRG	WEB APPLICATION PROGRAMMING	3	OBJECTP, INTRODB	
DIGILOG	DIGITAL LOGIC	3	BASICON	
COMORGA	COMPUTER ORGANIZATION	3	COMPASM	
NECOR03	ADVANCED ROUTING AND SWITCHING (LECTURE)	3	NECOR02, LBYNE02	LBYNE03
LBYNE03	ADVANCED ROUTING AND SWITCHING (LABORATORY)	1	NECOR02, LBYNE02	NECOR03
SCIMATC	NATURAL SCIENCE NEW MATERIALS TRACK - CHEM LEC	1		LBYMATC
LBYMATC	NATURAL SCIENCE NEW MATERIALS TRACK - CHEM LAB	1		SCIMATC
TOTAL		18		

ACADEMIC YEAR 2016-2017				
FIRST TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
TREDTRI	THE CHRISTIAN AND THE WORD	3	TREDTWO	
SOCTEC2	SCIENCE, TECHNOLOGY AND SOCIETY 2	3	SOCTEC1	
INTROSE	INTRODUCTION TO SOFTWARE ENGINEERING	3	INTRODB, OBJECTP	
FORENSC	COMPUTER FORENSIC	3	HCK-LCT, LBY-HCK	LBYFORE
LBYFORE	COMPUTER FORENSIC LABORATORY	1	HCK-LCT, LBY-HCK	FORENSC
NECOR04	WAN SOLUTIONS (LECTURE)	3	NECOR03, LBYNE03	LBYNE04
LBYNE04	WAN SOLUTIONS (LABORATORY)	1	NECOR03, LBYNE03	NECOR04
TOTAL		17		

SECOND TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
SPELEC1	SPECIAL ELECTIVE 1	3		
SECPROG	SECURE PROGRAMMING	3	WEB-PRG, HCK-LCT, LBY-HCK	LBYSPRG
LBYSPRG	SECURE PROGRAMMING LABORATORY	1	WEB-PRG, HCK-LCT, LBY-HCK	SECPROG
COMPARC	COMPUTER ARCHITECTURE	3	COMORGA	
INTROOS	INTRO TO OPERATING SYSTEMS	3	COMORGA	
SYST-AD	SYSTEMS ADMINISTRATION	3	(NECOR02, LBYNE02)	
TOTAL		16		

THIRD TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
NEELEC1	NETWORK ENGINEERING ELECTIVE 1	3		
NERESEM	NE RESEARCH METHODS	2	HCK-LCT, LBY-HCK, NTCOR02, LBYNT02	
MODESTA	MODELLING, SIMULATION AND STATISTICS	3		
PRCT-NE	NE PRACTICUM	1	NECOR02, LBYNE02 (SYST-AD)	
TOTAL		9		

ACADEMIC YEAR 2017-2018				
FIRST TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
TREDFOR	THE CHRISTIAN VOCATION OF LIFE	3	TREDTRI	
HUMAART	INTRODUCTION TO ART	3	ENGLRES	
NEELEC2	NETWORK ENGINEERING ELECTIVE 2	3		
THSNE-1	THESIS FOR NETWORK ENGINEERING 1	2	NERESEM	
SECURAD	SECURITY ADMINISTRATION	3	(NECOR02, LBYNE02)	
KASPIL1	BUHAY, MGA SINULAT AT NAGAWA NI DR. JOSE RIZAL	3		
LASARE3	LASALLIAN RECOLLECTION 3	0	LASARE2	
IPERSEF	INTEGRATING COURSE FOR PERSONAL EFFECTIVENESS	0	PERSEF2	
TOTAL		17		

SECOND TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
SPELEC2	SPECIAL ELECTIVE 2	3		
SPELEC3	NETWORK ENGINEERING ELECTIVE 3	3		
THSNE-2	THESIS FOR NETWORK ENGINEERING 2	2	THSNE-1	
KASPIL2	KASAYSAYAN NG PILIPINAS	3	KASPIL1	
GREATWK	THE GREAT WORKS	3		
STORTEC	STORAGE TECHNOLOGY	3	(SYST-AD)	
TOTAL		17		

THIRD TERM				
SUBJECTS	COURSE DESCRIPTION	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
HUMALIT	INTRODUCTION TO LITERATURE	3	ENGLRES	
SPELEC3	SPECIAL ELECTIVE 3	3		
NEELEC4	NETWORK ENGINEERING ELECTIVE 4	3		
CSETHIC	CS PROFESSIONAL ETHICS	3		
THSNE-3	THESIS FOR NETWORK ENGINEERING 3	2	THSNE-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:

Application Server Management
Business Intelligence
Information Security
Emerging Technologies
Risk Assessment
Business Continuity Planning

POSSIBLE COURSES FOR SPELEC1 - 3:

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**
Chair, Computer Technology Department

Approved by: **Dr. NELSON MARCOS**
Vice Dean, College of Computer Studies

Last Modified: **January 22, 2015**