

De La Salle University-Manila
College of Computer Studies
Bachelor of Science in Computer Science Specialization in Software Technology
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		
CCSALGE	COLLEGE ALGEBRA FOR CCS STUDENTS	2		
COMPRO1	INTRODUCTION TO COMPUTER PROGRAMMING 1	3		
BASICON	BASIC COMPUTER CONCEPTS	3		
SCIMATB	G.E. NATURAL SCIENCE NEW MATERIALS TRACK- BIO LEC	1		
LBVMATB	G.E. NATURAL SCIENCE NEW MATERIALS TRACK- CHEM LAB	1		
FITWELL	FITNESS & WELLNESS	2		
NSTP101	NSTP ORIENTATION	0		
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	
CCSTRIG	COLLEGE TRIGONOMETRY FOR CCS STUDENTS	2	CCSALGE	
DISCTRU	DISCRETE STRUCTURES	3	CCSALGE	
COMPRO2	ADVANCED C PROGRAMMING	3	COMPRO1	
SOCTEC1	SCIENCE, TECHNOLOGY AND SOCIETY 1	3		
FTSPORT	FITNESS & WELLNESS IN INDIVIDUAL SPORTS	2	(FITWELL)	
NSTP-01	NATIONAL SERVICE TRAINING PROGRAM PHASE 1	(3)	NSTP101	
LASARE1	LASALLIAN RECOLLECTION 1	0		
TOTAL		16(3)		

THIRD TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
ENGLCOM	BASIC COMMUNICATION AND STUDY SKILLS	3		
CCSCAL1	CALCULUS 1 FOR CCS STUDENTS	3	CCSALGE	
DASALGO	INTRO TO DATA STRUCTURES & ALGORITHMS	3	(COMPRO2), (DISCTRU)	
OBJECTP	OBJECT-ORIENTED PROGRAMMING WITH JAVA	3	COMPRO2	
FORMDEV	FORMATION & DEVELOPMENT	(0.5)		
FTDANCE	FITNESS & WELLNESS IN DANCE	2	(FITWELL)	
TREDONE	HUMANITY'S SEARCH FOR LIFE	3		
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
SPEECOM	ORAL COMMUNICATION/ADVANCED SPEECH CLASS	3	ENGLCOM	
CCSCAL2	CALCULUS 2 FOR CCS STUDENTS	3	CCSCAL1	
INTESYS	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	3	DASALGO	
INTRODB	INTRODUCTION TO DATABASE SYSTEMS	3	COMPRO2	
DIGIDES	DIGITAL DESIGN	3	BASICON	
KASPIL1	PAG-AARAL SA BUHAY, MGA SINULAT AT NAGAWA NI DR. JOSE RIZAL	3		
LASARE2	LASALLIAN RECOLLECTION 2	0	LASARE1	
TOTAL		18		

SECOND TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
ST-STAT	STATISTICS AND PROBABILITY FOR ST	3	CCSCAL2	
SWDESPA	SOFTWARE DESIGN PATTERNS	3	OBJECTP	
ARCHORG	COMPUTER ARCHITECTURE & ORGANIZATION	3	(DIGIDES)	
NETWORK	COMPUTER NETWORKS	3	BASICON	
FTTEAMS	FITNESS AND WELLNESS IN TEAM SPORTS	2	(FITWELL)	
TREDTWO	THE FILIPINO CHRISTIAN IN A CHANGING WORLD	3	TREDONE	
PERSEF2	PERSONAL EFFECTIVENESS 2	(2)	PERSEF1	
TOTAL		17 (2)		

THIRD TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
AUTOMAT	AUTOMATA, THEORY, FORMAL LANGUAGES & COMPUTATION	3	DASALGO	
WEBAPDE	WEB APPLICATIONS DEVELOPMENT FOR ST	3	SWDESPA, INTRODB	
OPERSYS	OPERATING SYSTEMS	3	ARCHORG	
SOCTEC2	SCIENCE, TECHNOLOGY AND SOCIETY 2	3	SOCTEC1	
SPELEC1	SPECIAL ELECTIVE 1	3		
KASPIL2	KASAYSAYAN NG PILIPINAS	3	KASPIL1	
TOTAL		18		

ACADEMIC YEAR 2016-2017				
FIRST TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
ENGLRES	BASIC RESEARCH SKILLS/ENGLISH FOR SPECIFIC PURPOSE	3	ENGLCOM	
ADVDISC	ADVANCED DISCRETE STRUCTURES	3	DISCTRU	
ADVANDB	ADVANCED DATABASE SYSTEMS	3	INTRODB	
SOFENGG	INTRODUCTION TO SOFTWARE ENGINEERING	3	WEBAPDE	
STEELEC1	ST ELECTIVE 1	3		
TREDTRI	THE CHRISTIAN AND THE WORD	3	TREDTWO	
TOTAL		15		

SECOND TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
CSETHIC	CS PROFESSIONAL ETHICS	3		
MOBAPDE	MOBILE APPLICATIONS DEVELOPMENT	3	SWDESPA	
TOTAL		6		

THIRD TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
ALGOCOM	ALGORITHMS AND COMPLEXITY	3	DASALGO	
STMETRE	ST RESEARCH METHODS	2	DASALGO, INTESYS, INTSOFT, OPERSYS	
PROSDEV	PROFESSIONAL SOFTWARE DEVELOPMENT	3	SOFENGG	
SECURDE	SECURE WEB DEVELOPMENT	3	WEBAPDE	
SCIMATP	GE NATURAL SCIENCE NEW MATERIALS TRACK-PHYSICS LEC	2		
STEELEC2	ST ELECTIVE 2	3		
TOTAL		16		

ACADEMIC YEAR 2017-2018				
FIRST TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
ADVSTAT	ADVANCED STATISTICS AND PROBABILITY, NUMERICAL METHODS	3	ST-STAT	
THS-ST1	THESIS IN SOFTWARE TECHNOLOGY 1	2	STMETRE	
PRC-ST1	PRACTICUM COURSE IN ST	1	PROSDEV	
SCIMATC	GE NATURAL SCIENCE NEW MATERIALS TRACK -CHEM LEC	1		
LBVMATC	GE NATURAL SCIENCE NEW MATERIALS TRACK -CHEM LAB	1		
STEELEC3	ST ELECTIVE 3	3		
SPELEC2	SPECIAL ELECTIVE 2	3		
TREDFOR	THE CHRISTIAN VOCATION OF LIFE	3	TREDTRI	
IPERSEF	INTEGRATING COURSE FOR PERSONAL EFFECTIVENESS	0	PERSEF2	
LASARE3	LASALLIAN RECOLLECTION 3	0	LASARE2	
TOTAL		17		

SECOND TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
HUMAART	INTRODUCTION TO ART	3	ENGLRES	
INOVATE	TECHNOLOGY AND INNOVATION MANAGEMENT	3		
CMPILE	COMPILER THEORY	3	AUTOMAT	
THS-ST2	THESIS IN SOFTWARE TECHNOLOGY 2	2	THS-ST1	
STEELEC4	ST ELECTIVE 4	3		
TOTAL		14		

THIRD TERM				
SUBJECTS	COURSE TITLE	UNITS	PRE-REQ.(SOFT-REQ.)	CO-REQUISITE
HUMALIT	INTRODUCTION TO LITERATURE	3	ENGLRES	
THS-ST3	THESIS IN SOFTWARE TECHNOLOGY 3	2	THS-ST2	
SPELEC3	SPECIAL ELECTIVE 3	3		
INTFILO	INTRODUCTORY PHILOSOPHY	3		
GREATWK	GREAT WORKS	3		
TOTAL		14		

A CGPA of at least 2.000, by the time of application for specialization is required for entry to the ST Specialization.

CSETHIC should be taken only on the student's senior year.

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

PRE-REQUISITES OF STRESME:
DASALGO, INTESYS, SOFENGG, and OPERSYS

POSSIBLE CHOICES FOR STELEC1-4:

Intelligent Systems Track
(pre-req: INTESYS) - Natural Language Processing, User Modeling, Empathic Computing, Machine Learning, Corpus Building, Audio Visual DSP

Games Development Track
(pre-req: OBJECTP) - Computer Graphics, Game Design, Game Development, Advanced Game Development, 3D Modelling

Security and Modelling Track
(pre-req: DISCTRU) - Cryptography, Ethical Hacking, Digital Image Processing, Modelling and Simulation, Information Security

Mobile and Web Computing Track
(pre-req: WEBAPDE) - Advanced Web Development, Multimedia and Information Retrieval, Knowledge Management, Advanced Secure Web Development, Cloud Computing

POSSIBLE COURSES FOR SPELEC1-3:
Human Computer Interfaces, Interactive Storytelling, Technology and Innovation Business Plan, Foreign Languages, Computing Trends, Professional Ethics

TO THE STUDENT:

1. Please take 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. ETHEL ONG
Chair, Software Technology Department

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

Last Modified: **November 10, 2014**

TOTAL ACADEMIC UNITS = 186
TOTAL NON-ACADEMIC UNITS = (10.5)