



OFFICE OF THE REGISTRAR

CHECKLIST FOR THE
BACHELOR OF SCIENCE IN COMPUTER SCIENCE (BSCoS)

Name _____	Nationality _____
Home Address _____	Date of Birth _____
Date of Entrance _____	Date of Graduation _____
Degree _____	Major _____
High School _____	Address _____

Course Number	COURSE TITLE	Credit Units		PRE - REQUISITE(S)	Sem./SY Taken	Professor/ Instructor	Final Rating
		Lec	Lab				
FIRST YEAR							
<i>First Semester</i>							
ENGL 1	Study and Thinking Skills in English	2	1				
FILI 1	Komunikasyon sa Akademikong Filipino	3					
SOSC 2	General Psychology	3					
COSC 21	CS Fundamentals	2	1				
DCIT 21	Computer Programming I	1	2				
MATH 2a	College Algebra	3					
PHED 1	Physical Fitness & Aerobics	2					
NSTP 1		(3)					
	Total	16	4				

<i>Second Semester</i>							
ENGL 2	Writing in the Discipline	2	1	ENGL 1			
FILI 2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3		FILI 1			
HUMN 5	Art, Man and Society	3					
MATH 4	Trigonometry	3		MATH 2a			
DCIT 22	Computer Programming II	1	2	DCIT 21			
DCIT 23	Discrete Math	3		MATH 2a			
PHED 2	Rhythmic Activities	2		PHED 1			
NSTP 2		(3)		NSTP 1			
	Total	17	3				

SECOND YEAR

First Semester

ENGL 6	Speech Communication	2	1	ENGL 2			
MATH 10	Differential Calculus	3		MATH 4			
PHYS 1a	Mechanics and Heat	2	1	MATH 2a			
SOSC 3	Phil. History, Geography and Institution	3					
DCIT 50	Object Oriented Programming	2	1	DCIT 22			
DCIT 24	Computer Organization and Assembly Language	2	1	DCIT 23			
COSC 50	Design and Analysis of Algorithm	3		DCIT 22			
PHED 3	Individual/Dual Sports	2		PHED 1			
	Total	19	4				

Second Semester

SOSC 6	Rizal's Life, Works and Writings	3		SOSC 3			
MATH 11	Integral Calculus	3		MATH 10			
PHYS 2a	Wave, Magnetism, Sound and Light	2	1	PHYS 1a			
COSC 55	Automata and Language Theory	3		DCIT 24			
COSC 60	Data Structure	2	1	COSC 50			
COSC 65	Prog'g. Languages w/ Compiler Design	3		COSC 50			
COSC 70	Database Systems	2	1	DCIT 50			
PHED 4	Team Sports	2		PHED 1			
	Total	20	3				

Course Number	COURSE TITLE	Credit Units		PRE - REQUISITE(S)	Sem./SY Taken	Professor/ Instructor	Final Rating
		Lec	Lab				

THIRD YEAR
First Semester

COSC 75	Digital Design	3		DCIT 24			
DCIT 65	Web Development	2	1	DCIT 50			
DCIT 55	Operating System	2	1	COSC 60			
COSC 80	Modeling and Simulation	3		COSC 65			
ITEC 55	System Analysis and Design	2	1	3rd yr standing			
ENGL 7	Scientific Reporting and Thesis Writing	2	1	ENGL 2			
ECON 3	General Economics with TAR	3		3rd yr standing			
	Total	17	4				

Second Semester

DCIT 25	Professional Ethics	3		3rd yr standing			
DCIT 60	Software Engineering	2	1	COSC 60			
DCIT 101	Management Information System	2	1	3rd yr standing			
COSC 121	Data Communication	2	1	3rd yr standing			
SOSC 5	Phil. Gov't. Politics and the Constitution	3		3rd yr standing			
BTCH 1	Introduction to Biotechnology	3					
STAT 1	Elementary Statistics	2	1	3rd yr standing			
COSC 200A	Undergraduate Thesis	1		3rd yr standing			
	Total	18	4				

SUMMER

COSC 199	Internship/OJT/Practicum	3		3rd yr standing			
	Total	3					

FOURTH YEAR

First Semester

LITT 1	Philippine Literature	3					
COSC 85	Numerical Analysis	2	1	MATH 11			
COSC 100	Artificial Intelligence	3		4th yr standing			
COSC 111	Advanced Programming	2	1	4th yr standing			
COSC 126	Open Source Technology	3		4th yr standing			
DCIT 99	Inspection Trip and Seminar	3		4th yr standing			
COSC 200B	Undergraduate Thesis	2		COSC 200A			
	Total	18	2				

Second Semester

ITEC 60	Multimedia	2	1	4th yr standing			
COSC 131	Embedded System	3		4th yr standing			
COSC 200C	Undergraduate Thesis	3		COSC 200B			
HUMN 6	Social Philosophy 1	3					
	Total	11	1				

Total Lecture: 139
Total Laboratory: 25