BACHELOR OF SCIENCE IN COMPUTER SCIENCE
CURRICULUM PROGRAM OF STUDY
Effective SY 2018-2019*

Name of Student: _____   Student ID No: _____

Course Code	Course Title	Unit/s	Pre-requisite	Course Code	Course Title	Unit/s	Pre-requisite
FIRST YEAR							
FIRST SEMESTER				**SECOND SEMESTER**			
GE-Elect: ES	Environmental Science	3		GE-UTS	Understanding the Self	3	
GE-MMW	Mathematics in the Modern World	3		GE-CW	The Contemporary World	3	
GE-AA	Art Appreciation	3		GE-PC	Purposive Communication	3	
CC 1/L	Introduction to Computing	2/1		CC 3/L	Computer Programming 2	2/1	CC 2/L
CC 2/L	Computer Programming 1	2/1		CS 1/L	Discrete Structures 1	2/1	CC 1/L
GE-PH	Readings in Philippine History	3		GE-STS	Science, Technology and Society	3	
PATH Fit 1	Movement Enhancement	2		PATH Fit 2	Fitness Exercises	2	PATH Fit 1
NSTP1	ROTC/CWTS 1	3		NSTP2	ROTC/CWTS 2	3	NSTP1
TOTAL		**3**		**TOTAL**		**3**	
SECOND YEAR							
FIRST SEMESTER				**SECOND SEMESTER**			
GE-ET	Ethics	3		MATH ELEC	Math Elective	3	GE-MMW
IER	Intensive English Review	3		GE-LWR	The Life and Works of Rizal	3	GE-PH
GE-EM	The Entrepreneurial Mind	3		GE-PS	Palawan Studies	3	
CC 4/L	Data Structures and Algorithms	2/1	CC 3/L, CS 1/L	CC 5/L	Information Management	2/1	CC 3/L, CC 4/L
CS 2/L	Object-Oriented Programming	2/1	CC 3/L	CS 4/L	Architecture and Organization	2/1	CC 1/L, CC 4/L
CS 3	Discrete Structure 2	3	CS 1/L	CS 6	Algorithms and Complexity	3	CC 4/L, CS 3
PATH Fit 3	Dance and Sports	2	PATH Fit 1	CS 5	Automata Theory and Formal Language	3	CS 3
Electronics/L	Fundamentals in Electronics	1/2	GE-MMW	PATH FIT 4	Recreation	2	PATH Fit 1
TOTAL		**23**		**TOTAL**		**23**	
THIRD YEAR							
FIRST SEMESTER				**SECOND SEMESTER**			
GE-MDS	Mathematics for Data Science	3		CS 11/L	Software Engineering 1	2/1	CC 6/L, CS 2/L, CC 5/L
CC 6/L	App. Development and Emerging Technologies	2/1	CC 3/L, CS 2/L	CS 12/L	Web Systems and Technologies	2/1	CS 2/L, CC 6/L
CS 7/L	Networks and Communications	2/1	CC 4/L, CS 4/L	CS 13/L	Information Assurance and Security	2/1	CC 5/L
CS 8/L	Computational Science	2/1	CS 5	CS 14/L	Digital Image Processing	2/1	CC 4/L, CS 6
CS 9/L	Advanced Database Systems	2/1	CS 5, CS 2/L	CS 15/L	Human Computer Interaction	2/1	CC 6/L, CS 4/L
CS 10/L	Programming Languages	2/1	CS 6	Thesis 1	Proposal Writing	2	Electronics/L, CS 8/L
CS E1/L	CS Elective 1	2/1	3rd yr. Standing	CS E2/L	CS Elective 2	2/1	3rd yr. Standing
TOTAL		**21**		**TOTAL**		**20**	
FOURTH YEAR							
FIRST SEMESTER				**SECOND SEMESTER**			
CS 16/L	Operating Systems	2/1	CS 3, CS 4/L	Thesis 3	Thesis Writing and Colloquium	2	Thesis 2
CS 17/L	Software Engineering 2	2/1	CS 11/L	CS 20	Practicum (300 hrs.)	3	70% of the total number of units in the curriculum must be completed
CS 18/L	Intelligent Systems	2/1	CS 6, CS 15/L				
CS 19	Social Issues and Professional Practice	3	CC 5/L, CC 6/L				
Thesis 2	Data Gathering and Writing	2	Thesis 1				
CS E3	CS Elective 3	2/1	4th yr. Standing			3	
TOTAL		**17**		**TOTAL**		**8**	

*BOR Resolution No. 62, s. 2019
Dated 3 July 2019