



College of Computer Studies (CCS)

Bachelor of Science in Computer Science (BSCS)

Effective School Year 2020-2021 | Based on **CMO No. 25 series of 2015**

Student's ID Number:

Student's Full Name:

Date Started / First Enrolled:

Expected Date of Graduation:

I - FIRST YEAR											
1 1st Semester	Grade	Course Code	Descriptive Title	Units			Pre-requisite / Remarks	Units			Pre-requisite / Remarks
				lec	lab	total		lec	lab	total	
1st Semester		ENGL 100	Communication Arts	3		3					
		ST 101	Living in the IT Era	3		3					
		MATH 101	Mathematics in the Modern World	3		3					
		MATH 100	College Mathematics	3		3					
		PSYCH 101	Understanding the Self	3		3					
		CC-INTCOM11	Introduction to Computing	3		3					
		CC-COMPROG11	Computer Programming 1	2	1	3					
		PE 101	Movement Enhancement	2		2					
		NSTP 101	Nat'l Service Training Program 1	3		3					
Total				26			Total				26
2nd Semester											
2nd Semester		ENGL 101	Purposive Communication			3		3			ENGL 100
		ENTREP101	The Entrepreneurial Mind			3		3			
		HIST 101	Readings in Philippine History			3		3			
		HUM 101	Art Appreciation			3		3			
		CC-COMPROG12	Computer Programming 2		2	1	3				CC-COMPROG11
		CS-DISCRET12	Discrete Structures 1			3		3			MATH 101
		CC-TWRITE12	Tech. Writing & Presentation Skills in IT			3		3			CC-INTCOM11
		PE 102	Fitness Exercises			2		2			PE 101
		NSTP 102	Nat'l Service Training Program 2			3		3			NSTP 101
Total				26			Total				26

II - SECOND YEAR															
3	Grade	Course Code	Descriptive Title	Units			Pre-requisite / Remarks	4	Grade	Course Code	Descriptive Title	Units			Pre-requisite / Remarks
				lec	lab	total						lec	lab	total	
1st Semester		SOCIO 101	The Contemporary World	3		3		2nd Semester		STS 101	Science, Technology & Society	3		3	
		RIZAL 101	Life, Works & Writings of Dr. Jose Rizal	3		3				PHILO 101	Ethics	3		3	
		CS-DISCRET21	Discrete Structures 2	3		3	CS-DISCRET12			CC-DIGILOG22	Digital Logic Design	2	1	3	CS-DISCRET21
		CC-DASTRUC21	Data Structures & Algorithms	2	1	3	CC-COMPROG12			CC-APPSDEV22	Applications Dev't & Emerging Tech.	2	1	3	CC-DASTRUC21
		CC-QUAMETH21	Quantitative Methods w/ Prob. & Stat.	3		3	CS-DISCRET12			CS-DAALGO22	Design and Analysis of Algorithms	2	1	3	CC-DASTRUC21
		CS-DIFFCAL21	Differential Calculus	3		3	CS-DISCRET12			CC-DATACOM22	Data Communications	2	1	3	CC-INTCOM11
		CS-OOPROG21	Object Oriented Programming	2	1	3	CC-COMPROG12			CS-INTCALC22	Integral Calculus	3		3	CS-DIFFCAL21
		PE 103	Phys. Activity Towards Health & Fitness 1	2		2	PE 102			PE 104	Phys. Activity Towards Health & Fitness 2	2		2	PE 103
				Total			23					Total			23

At the end of Second Year, the student earns a 2-Year degree on Associate in Computer Technology (ACT) as per CMO #05 s. 1998

III - THIRD YEAR																	
5	Grade	Course Code	Descriptive Title	Units			Pre-requisite / Remarks	6	Grade	Course Code	Descriptive Title	Units			Pre-requisite / Remarks		
				lec	lab	total						lec	lab	total			
1st Semester		CS-IMDBSYS31	Information Management (DB Sys)	2	1	3	CC-APPSDEV22	2nd Semester	LIT 11	Literatures of the World			3		3		
		CS-PROGLAN31	Programming Languages	2	1	3	CS-OOPROG21, CS-DAALG022		CS-AUTOLAN32	Automata & Language Theory			3		3	CS-DISCRET21, CS-DAALG022	
		CS-SOFTENG31	Software Engineering 1	2	1	3	CC-APPSDEV22		CS-INFOSEC32	Information Assurance & Security			3		3	CS-IMDBSYS31	
		CC-HCI31	Human Computer Interaction	3		3	CC-APPSDEV22		CS-SOFTENG32	Software Engineering 2			2	1	3	CS-SOFTENG21	
		CC-RESCOM31	Methods of Research in Computing	3		3	CC-QUAMETH21, CC-TWRITE12		CC-TECHNO32	Technopreneurship			3		3	CC-RESCOM31	
		CS-EL_____	CS Elective 1	2	1	3	•		CS-COMORG32	Comp. Organization & Assembly Lang.			2	1	3	CC-DIGILOG22	
		CS-FRE_____	Free Elective 1	3		3	••		CS-EL_____	CS Elective 2			2	1	3	•	
		CS-FRE_____	Free Elective 2	3		3	••		CS-FRE_____	Free Elective 3			3		3	••	
				Total		24			Total		24						

IV - FOURTH YEAR															
1st Semester	Grade	Course Code	Descriptive Title	Units			Pre-requisite / Remarks	2nd Semester	Grade	Course Code	Descriptive Title	Units			Pre-requisite / Remarks
				lec	lab	total						lec	lab	total	
		CS-THEESIS41	Thesis 1	3		3	***			CS-THEISIS42	Thesis 2	3		3	CS-THEISIS41
		CS-OPSY41	Operating Systems	2	1	3	CS-COMORG32			CC-PROFIS10	Professional Issues in Computing	3		3	**
		CS-PRACT41	Practicum		5	5	***			CS-EL_____	CS Elective 3	2	1	3	•
		CS-FRE_____	Free Elective 4	3		3	••			CS-EL_____	CS Elective 4	2	1	3	•
Total				14				Total				12			

••FREE ELECTIVE COURSES:		<u>units</u>	<u>Pre-requisite</u>
<input type="checkbox"/>	FREDTHINK Principles of Design Thinking	3	CC-HCI31
<input type="checkbox"/>	FREFORLAN Foreign Language	3	**
<input type="checkbox"/>	FREIP Introduction to Intellectual Property	3	**
<input type="checkbox"/>	FRETRNDS Emerging Technologies in ICT	3	**
<input type="checkbox"/>	FRECD Introduction to Compiler Design	3	***
<input type="checkbox"/>	FRECLOUD Distributed Systems & Cloud Computing	3	CS-IMDBSYS31
<input type="checkbox"/>	FREAI Fundamentals of Artificial Intelligence	3	**
<input type="checkbox"/>	FRELEAN Lean Startup Methodology	3	CC-TECHNO32

*****must finish all 1st year to 2nd year courses***

*****must finish all 1st year to 3rd year courses**

SUMMARY OF COURSES

General Education Courses	42 units
Common Computing Courses	18 units
Professional CS Courses	74 units
CS Electives / Free Electives	24 units
Other Courses (PE & NSTP)	14 units
TOTAL	172 UNITS