

College of Computing Studies

Bachelor of Science in Computer Science

Curriculum/Prospectus - Academic Year 2021-2022

Student Name: **BOYERO, GIAN AIBO CHUA**

Student No.: **2120795**

FIRST YEAR

FIRST SEMESTER		HOURS/WEEK			Pre-requisites	Co-requisites
Code	Descriptive Title	Lec Hrs	Lab Hrs	Credit Units		
ARTAP	1.20 Art Appreciation	3	0	3		
CC101A	1.00 Computer Science Fundamentals	3	0	3		
CC102	1.00 Computer Programming 1	2	3	3		
IGG	1.10 Group Guidance 1	1.5	0	(1.5)		
IRS1	1.20 Lasallian Spirituality	3	0	3		
MATHMW	1.00 Mathematics in the Modern World	3	0	3		
PCOM	1.20 Purposive Communication	3	0	3		
PED1	1.10 Wellness and Fitness	2	0	2		
STS	1.20 Science, Technology and Society	3	0	3		
		23.5	3	23/1.5		

SECOND SEMESTER		HOURS/WEEK			Pre-requisites	Co-requisites
Code	Descriptive Title	Lec Hrs	Lab Hrs	Credit Units		
CC103	1.00 Computer Programming 2	2	3	3	CC102	
CSP201	1.10 2D Game Art	2	3	3		
ETHICS	1.10 Ethics	3	0	3		
IRS2	1.00 Christian Morality	3	0	3		
LOGIC	1.10 Logic	3	0	3		
MATH1D	1.10 College Algebra	3	0	3		
PED2	1.00 Team Sports and Rhythmic Activities	2	0	2		
RVARTS	1.10 Reading Visual Art	3	0	3		
		21	6	23/0		

SECOND YEAR

FIRST SEMESTER		HOURS/WEEK			Pre-requisites	Co-requisites
Code	Descriptive Title	Lec Hrs	Lab Hrs	Credit Units		
CC104	2.20 Data Structures and Algorithms	3	0	3	CC103	
CC105	1.40 Information Management	3	0	3	CC103	
CSP202	1.40 Object Oriented Programming	2	3	3	CC103	
CSP203	1.40 Discrete Structures	3	0	3	MATH1D	
CSP204A	1.10 System Analysis and Design	3	0	3		
MATH2T	1.30 Trigonometry	3	0	3		
NSTP1	1.00 National Service Training Program 1	3	0	(3)		
PED3	1.00 Swimming and Recreation	2	0	2		
		22	3	20/3		

SECOND SEMESTER		HOURS/WEEK			Pre-requisites	Co-requisites
Code	Descriptive Title	Lec Hrs	Lab Hrs	Credit Units		
CSP205	1.50 Applied Math for Games	3	0	3	CSP203	
CSP206	1.30 Analysis and Design of Algorithms	3	0	3	CC104	
CSP207A	1.10 Comp. Org. w/ Microcontroller Prog.	2	3	3	CC104	
CSP208	1.20 Software Engineering	3	0	3	CSP204A	
CSP209A	1.10 Game Prog1 - ntroduction to Game Design and Development	2	3	3	CSP202	
CSP210A	1.20 Usability, HCI and User Interaction Design	0	3	3	CC105	
MATH3C	2.20 Analytical Geometry and Calculus	3	0	3		

NSTP2	1.10	National Service Training Program 2	3	0	(3)
PED4	1.20	Individual and Dual Sports	2	0	2
			21	9	23/3

THIRD YEAR

FIRST SEMESTER

Code	Descriptive Title	HOURS/WEEK			Pre-requisites	Co-requisites
		Lec Hrs	Lab Hrs	Credit Units		
CC106	1.20 Cloud Based Application Development	2	3	3	CC105	
CSE301B	1.30 CS Elective 1 Technopreneurship	3	0	3		
CSP211	1.60 Automata Theory and Formal Languages	3	0	3	CSP206	
CSP212A	1.00 3D Animation	2	3	3	CSP209A	
CSP213	1.40 Game Programming 2 Advance Game Design and Development	2	3	3	CSP209A	
GENSOC	1.50 GE Electives 3 (Gender and Society)	3	0	3		
IRS3	1.50 Spirituality in the Workplace	3	0	3		
USELF	1.50 Understanding the Self	3	0	3		
		21	9	24/0		

SECOND SEMESTER

Code	Descriptive Title	HOURS/WEEK			Pre-requisites	Co-requisites
		Lec Hrs	Lab Hrs	Credit Units		
CSE302A	1.20 CS Elective 2 - Game Technologies	2	3	3	CSP210	
CSP214	1.00 Social Issues and Professional Practice	3	0	3		
CSP215A	1.00 Web Development Technologies	2	3	3	CC106	
CSP216	1.80 Programming Languages	3	0	3	CC104	
CSP217A	1.40 Thesis 1	3	0	3	CSP211,CSP213	
MATH4PS	1.80 Probability and Statistics	3	0	3		
PSPEAK	1.10 Public Speaking	3	0	3		
		19	6	21/0		

Code	Descriptive Title	HOURS/WEEK			Pre-requisites	Co-requisites
		Lec Hrs	Lab Hrs	Credit Units		
CSP218A	1.70 Internship	0	0	3		
		0	0	3/0		

Code	Descriptive Title	HOURS/WEEK			Pre-requisites	Co-requisites
		Lec Hrs	Lab Hrs	Credit Units		
CSP218A	1.70 Internship	0	0	3		
		0	0	3/0		

FOURTH YEAR

FIRST SEMESTER

Code	Descriptive Title	HOURS/WEEK			Pre-requisites	Co-requisites
		Lec Hrs	Lab Hrs	Credit Units		
CSP219	2.40 Networks and Communications	2	3	3	CC103	
CSP220	1.60 Thesis 2	3	0	3		
CSP221A	1.50 Artificial Intelligence	2	3	3	CSP211	
CSP222A	1.70 Data Science	2	3	3	MATH4PS	
GBOOKS	1.20 Great Books	3	0	3		
RIZAL	1.20 Life and Works of Rizal	3	0	3		
		15	9	18/0		

SECOND SEMESTER			HOURS/WEEK			Pre-requisites	Co-requisites
Code		Descriptive Title	Lec Hrs	Lab Hrs	Credit Units		
CSE303A	1.70	CS Elective 3 Machine Learning	2	3	3		
CSP223	2.10	Operating System	3	0	3	CC104	
CSP224A	1.10	Information Assurance and Security	3	0	3	CC105	
CSP225	1.70	Mobile-based Application Development	2	3	3	CSP202	
CSP226	1.90	Emerging Trends in Computing	2	3	3		
CWRLD	1.20	The Contemporary World	3	0	3		
RHIST	1.50	Readings in Philippine History	3	0	3		
			18	9	21/0		

Failed Subjects or with 0 grades

Code	Grade	SYSEM Taken
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Total Units Failed in Curriculum: 0
Total Units Failed NOT in Curriculum: 0
Total Units Failed: 0

Overall GWA : 1.35
Actual Total Units Earned : 183.5
Academic Units : 176
Non-Academin Units : 7.5

BOYERO, GIAN AIBO CHUA

Student's Name

23 January 2026

Date Printed

DIAHNNE DEBBIE D. SALUD, MBA

University Registrar