

UNIVERSITY OF PERPETUAL HELP SYSTEM LAGUNA
College of Computer Studies
Sto. Niño, Biñan City, Laguna

Bachelor of Science in Computer Science
Major in **Data Science**
Curriculum Year **2022 - 2023**

First Year

First Semester

SUBJECT CODE	SUBJECT NAME/DESCRIPTION	HOURS		UNITS		PRE-REQUISITE
		LEC.	LAB.	LEC.	LAB.	
BCS1101	DISCRETE STRUCTURES 1	3.0	0.0	3.0	0.0	
CCS1101	INTRODUCTION TO COMPUTING (Lec)	2.0	0.0	2.0	0.0	
CCS1101L	INTRODUCTION TO COMPUTING (Lab)	0.0	3.0	0.0	1.0	
CCS1102	FUNDAMENTALS OF PROGRAMMING (Lec)	2.0	0.0	2.0	0.0	
CCS1102L	FUNDAMENTALS OF PROGRAMMING (Lab)	0.0	3.0	0.0	1.0	
FCL100	The Perpetualite: The Identity and Dignity	2.0	0.0	2.0	0.0	
GEC100	ART APPRECIATION	3.0	0.0	3.0	0.0	
GEC500	MATHEMATICS IN THE MODERN WORLD	3.0	0.0	3.0	0.0	
GEE300	GENDER AND SOCIETY	3.0	0.0	3.0	0.0	
NST100	National Service Training Program I	3.0	0.0	3.0	0.0	
PATHFIT1	Physical Activities Towards Health and Fitness 1	2.0	0.0	2.0	0.0	
TOTAL		23.0	6.0	23.0	2.0	

TOTAL ACADEMIC UNIT(S): 25.0

Second Semester

BCS1202	DISCRETE STRUCTURES 2	3.0	0.0	3.0	0.0	BCS1101
CCS1203	PROGRAMMING 2 (Lec)	2.0	0.0	2.0	0.0	CCS1102
CCS1203L	PROGRAMMING 2 (Lab)	0.0	3.0	0.0	1.0	CCS1102L
FCL200	The Perpetualite: A Man of God	2.0	0.0	2.0	0.0	
GEC600	PURPOSIVE COMMUNICATION	3.0	0.0	3.0	0.0	
GEC800	UNDERSTANDING THE SELF	3.0	0.0	3.0	0.0	
GEE200	ENVIRONMENTAL SCIENCE	3.0	0.0	3.0	0.0	
NST200	National Service Training Program 2	3.0	0.0	3.0	0.0	
PATHFIT2	Physical Activities Towards Health and Fitness 2	2.0	0.0	2.0	0.0	
TOTAL		21.0	3.0	21.0	1.0	

TOTAL ACADEMIC UNIT(S): 22.0

Second Year

First Semester

BCSELECT	Math Elective (Mathematical and Statistical Skills)	3.0	0.0	3.0	0.0	
BIT2103	NETWORKING AND COMMUNICATION 1 Lec	2.0	0.0	2.0	0.0	
BIT2103L	NETWORKING AND COMMUNICATION 1 Lab	0.0	3.0	0.0	1.0	
BIT2105	SOCIAL AND PROFESSIONAL ISSUES	3.0	0.0	3.0	0.0	
CCS2104	DATA STRUCTURES (Lec)	2.0	0.0	2.0	0.0	CCS1203
CCS2104L	DATA STRUCTURES (Lab)	0.0	3.0	0.0	1.0	CCS1203L
CCS4206	APPLICATION DEVELOPMENT AND EMERGING TECHNOLOGIES	3.0	0.0	3.0	0.0	
FCL300	The Perpetualite: Called to Perfection	2.0	0.0	2.0	0.0	
GEC300	THE CONTEMPORARY WORLD	3.0	0.0	3.0	0.0	
GEE100	LIVING IN THE IT ERA	2.0	3.0	2.0	1.0	
PATHFIT3	Physical Activities Towards Health and Fitness 3	2.0	0.0	2.0	0.0	
TOTAL		22.0	9.0	22.0	3.0	

TOTAL ACADEMIC UNIT(S): 25.0

Second Semester

BCS2216	INTRODUCTION TO DATA SCIENCE	3.0	0.0	3.0	0.0	
BIT1202	HUMAN COMPUTER INTERACTION 1 Lec	2.0	0.0	2.0	0.0	
BIT1202L	HUMAN COMPUTER INTERACTION 1 Lab	0.0	3.0	0.0	1.0	
BIT2208	WEB SYSTEMS & TECHNOLOGIES Lec	2.0	0.0	2.0	0.0	BIT2103
BIT2208L	WEB SYSTEMS & TECHNOLOGIES Lab	0.0	3.0	0.0	1.0	BIT2103L
BSC2203	Design and Analysis of Algorithm (Lec)	2.0	0.0	2.0	0.0	
BSC2203L	Design and Analysis of Algorithm (Lab)	0.0	3.0	0.0	1.0	
CCS2205	DATABASE SYSTEM 1 (INFORMATION MANAGEMENT) Lec	2.0	0.0	2.0	0.0	CCS2104
CCS2205L	DATABASE SYSTEM 1 (INFORMATION MANAGEMENT) Lab	0.0	3.0	0.0	1.0	CCS2104L
FCL400	The Perpetualite: A Man for Others	2.0	0.0	2.0	0.0	
GEC400	READINGS IN PHILIPPINE HISTORY	3.0	0.0	3.0	0.0	
PATHFIT4	Physical Activities Towards Health and Fitness 4	2.0	0.0	2.0	0.0	
TOTAL		18.0	12.0	18.0	4.0	

TOTAL ACADEMIC UNIT(S): 22.0

Total academic units for course Bachelor of Science in Computer Science: 94.0, Lecture Unit = 84.0, Lab Unit=10.0

