

LYCEUM OF THE PHILIPPINES UNIVERSITY
Intramuros, Manila

Bachelor of Science in Computer Science
Effective, SY 2022-2023

FIRST YEAR
FIRST SEMESTER

<i>Course Code</i>	<i>Descriptive Title</i>	<i>Lec</i>	<i>Lab</i>	<i>Units</i>	<i>Pre-requisites</i>
CALN11C	Calculus	3	0	3	
FPRL11C	Fundamentals of Programming	2	3	3	
JPLN01A	The Life of Dr. Jose P. Laurel: Nationalist and Nation-Builder	3	0	3	
LIFE01N	My LPU LIFE	3	0	(3)	
LITC11C	Living in the IT Era	3	0	3	
PHFN01A	Physical Activities Towards Health and Fitness 1	2	0	2	
UTSN01A	Understanding the Self	3	0	3	
		19	3	17/3	

SECOND SEMESTER

<i>Course Code</i>	<i>Descriptive Title</i>	<i>Lec</i>	<i>Lab</i>	<i>Units</i>	<i>Pre-requisites</i>
ETHN01A	Ethics	3	0	3	
IASN12C	Information Assurance and Security 1	3	0	3	
IMNL12C	Information Management	2	3	3	
IPRL12C	Intermediate Programming	2	3	3	FPRL11C
ITCL12C	Introduction to Computing	2	3	3	
MMWN01A	Mathematics in the Modern World	3	0	3	
PHFN02A	Physical Activities Towards Health and Fitness 2	2	0	2	
SYLN12C	Symbolic Logic	3	0	3	
		20	9	23/0	

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FIRST SEMESTER

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ADTL21C	Applications Development and Emerging Technologies	2	3	3	
DSAL21C	Data Structures and Algorithms	2	3	3	IPRL12C
NSTP01N	National Service Training Program 1 (CWTS)	3	0	(3)	
OOPL21C	Object Oriented Programming	2	3	3	IPRL12C
PCCN01A	Purposive Communication	3	0	3	
PHFN03A	Physical Activities Towards Health and Fitness 3	2	0	2	
RPHN01A	Readings in Philippine History	3	0	3	
STSN01A	Science, Technology and Society	3	0	3	
TNRN01A	The Life and Works of Rizal	3	0	3	
		23	9	23/3	

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DM1N22C	Discrete Mathematics 1	3	0	3	SYLN12C
ENS22C	Environmental Science	3	0	3	
NSTP02N	National Service Training Program 2 (CWTS)	3	0	(3)	
OPSN22C	Operating Systems	3	0	3	
PH1L22C	Physics 1 (Calculus-based Physics)	3	3	4	CALN11C
PHFN04A	Physical Activities Towards Health and Fitness 4	2	0	2	
PRGL22C	Programming Languages	2	3	3	FPRL11C
TCWN01A	The Contemporary World	3	0	3	
		22	6	21/3	

THIRD YEAR
FIRST SEMESTER

<i>Course Code</i>	<i>Descriptive Title</i>	<i>Lec</i>	<i>Lab</i>	<i>Units</i>	<i>Pre-requisites</i>
AUTN31C	Automata Theory	3	0	3	
CE1L31C	CS Elective 1	2	3	3	
DM2N31C	Discrete Mathematics 2	3	0	3	DM1N22C

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MDPC31C	_____Multimedia Design and Programming	2	3	3	_____IPRL12C
NT1L31C	_____Networks 1	2	3	3	_____
SE1N31C	_____Software Engineering 1	3	0	3	_____
TECN31C	_____Technopreneurship	3	0	3	_____
		18	9	21/0	

SECOND SEMESTER

<i>Course Code</i>	<i>Descriptive Title</i>	<i>Lec</i>	<i>Lab</i>	<i>Units</i>	<i>Pre-requisites</i>
ALCN32C	_____Algorithms and Complexity	3	0	3	_____AUTN31C
CAON32C	_____Computer Architecture and Organization	3	0	3	_____
CE2L32C	_____CS Elective 2	2	3	3	_____
PH2L32C	_____Physics 2 (Calculus based Physics)	3	3	4	_____PH1L22C
SE2L32C	_____Software Engineering 2	2	3	3	_____SE1N31C
SIPN32C	_____Social Issues and Professional Ethics	3	0	3	_____
TCSN32C	_____Theory of Computer Science	3	0	3	_____
		19	9	22/0	

FOURTH YEAR
FIRST SEMESTER

<i>Course Code</i>	<i>Descriptive Title</i>	<i>Lec</i>	<i>Lab</i>	<i>Units</i>	<i>Pre-requisites</i>
CE3L41C	_____CS Elective 3	2	3	3	_____
IEA	_____International English Assessment	0	0	(0)	_____
OJTN41C	_____OJT (600 hours)	6	0	6	_____SIPN33C
PSTL41C	_____Probability and Statistics	3	0	3	_____DM1N22C
TH1N41C	_____Thesis 1	3	0	3	_____
		14	3	15/0	

SECOND SEMESTER

<i>Course Code</i>	<i>Descriptive Title</i>	<i>Lec</i>	<i>Lab</i>	<i>Units</i>	<i>Pre-requisites</i>
ARTN01A	_____Art Appreciation	3	0	3	_____
HCIN42C	_____Human Computer Interaction	3	0	3	_____
NA	_____Yearbook Package	0	0	(0)	_____
NUML42C	_____Numerical Methods	3	0	4	_____CALN11C
TH2N42C	_____Thesis 2	3	0	3	_____TH1N41C
		12	0	13/0	
	Overall Units:	147	48	155/9	