LYCEUM OF THE PHILIPPINES UNIVERSITY

Intramuros, Manila

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

FIRST YEAR

		<u> </u>								
	FIRST SEMESTER									
Course Code	Descriptive Title	Lec	Lab	Units	Pre-requisites					
CALN11C	Calculus				1					
		3	0	3 _						
FPRL11C	Fundamentals of Programming	2	3	3 _						
JPLN01A	The Life of Dr. Jose P. Laurel: Nationalist	3	0	3 _						
	and Nation-Builder									
LIFE01N	My LPU LIFE	3	0	(3) _						
LITC11C	Living in the IT Era	3	0	à´_						
PHFN01A	Physical Activities Towards Health and	2	0	2						
	Fitness 1	_	Ü							
UTSN01A		2	0	3 _						
UTSNUTA	Understanding the Self	3	0	_						
		19	3	17/3						
	CECOND CEMECTED									
a a .	SECOND SEMESTER									
Course Code	Descriptive Title	Lec	Lab	Units	Pre-requisites					
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					
					IFINLITO					
ITCL12C	Introduction to Computing	2	3	3 _						
MMWN01A	Mathematics in the Modern World	3	0	3 _						
PHFN02A	Physical Activities Towards Health and	2	0	2 _						
	Fitness 2									
SYLN12C	Symbolic Logic	3	0	3 _						
		20	9	23/0						
		20	,	23/0						
	SECOND YEAR									
	FIRST SEMESTER									
Course Code	Descriptive Title	Lec	Lab	Units	Pre-requisites					
ADTL21C	Applications Development and Emerging	2	3	3	•					
ADILLIC		2	3	3 _						
DOM 040	Technologies	0	0	0	IDDI 400					
DSAL21C	Data Structures and Algorithms	2	3	3 _	IPRL12C					
NSTP01N	National Service Training Program 1 (CWTS)	3	0	(3) _						
NSTP01N OOPL21C	National Service Training Program 1 (CWTS)Object Oriented Programming	3 2	3	(3) _	IPRL12C					
	Object Oriented Programming				IPRL12C					
OOPL21C PCCN01A	Object Oriented ProgrammingPurposive Communication	2 3	3	3 _	IPRL12C					
OOPL21C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and	2	3 0	3 _	IPRL12C					
OOPL21C PCCN01A PHFN03A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3	2 3 2	3 0 0	3 - 3 - 2 -	IPRL12C					
OOPL21C PCCN01A PHFN03A RPHN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine History	2 3 2	3 0 0	3 - 3 - 2 - 3 -	IPRL12C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and Society	2 3 2 3 3	3 0 0 0	3 - 3 - 2 - 3 - 3 -	IPRL12C					
OOPL21C PCCN01A PHFN03A RPHN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine History	2 3 2 3 3 3	3 0 0 0	3 - 3 - 2 - 3 - 3 - 3 -	IPRL12C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and Society	2 3 2 3 3	3 0 0 0	3 - 3 - 2 - 3 - 3 -	IPRL12C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and Society	2 3 2 3 3 3	3 0 0 0	3 - 3 - 2 - 3 - 3 - 3 -	IPRL12C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal	2 3 2 3 3 3	3 0 0 0	3 - 3 - 2 - 3 - 3 - 3 -	IPRL12C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTER	2 3 2 3 3 3 23	3 0 0 0 0 0 0 9	3 - 3 - 2 - 3 - 3 - 23/3						
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal	2 3 2 3 3 3	3 0 0 0	3 - 3 - 2 - 3 - 3 - 3 -	IPRL12C Pre-requisites					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTER Descriptive Title	2 3 2 3 3 3 23	3 0 0 0 0 0 9	3 - 3 - 3 - 3 - 3 - 23/3 - Units	Pre-requisites					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTER Descriptive TitleDiscrete Mathematics 1	2 3 2 3 3 3 23	3 0 0 0 0 0 9	3 - 2 - 3 - 3 - 23/3 -						
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTER Descriptive TitleDiscrete Mathematics 1Environmental Science	2 3 2 3 3 3 23 Lec 3 3	3 0 0 0 0 0 9 <i>Lab</i> 0	3 - 2 - 3 - 3 - 23/3 -	Pre-requisites					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTERDiscrete Mathematics 1Discrete Mathematics 1Discrete Mathematics 1Discrete Mathematics 1Discrete Mathematics 1Discrete Mathematics 1	2 3 2 3 3 3 23 Lec 3 3 3	3 0 0 0 0 0 9 <i>Lab</i> 0 0	3 - 2 - 3 - 3 - 3 - 23/	Pre-requisites					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTERDescriptive TitleDiscrete Mathematics 1Discrete Mathematics 1Discrete Training Program 2 (CWTS)Operating Systems	2 3 2 3 3 23 Lec 3 3 3 3	3 0 0 0 0 0 9 <i>Lab</i> 0 0 0	3 - 2 - 3 - 3 - 3 - 23/3 - 23/3 - 23/3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3	Pre-requisites SYLN12C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTERDescriptive TitleDiscrete Mathematics 1	2 3 2 3 3 23 Lec 3 3 3 3	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 0	3 - 2 - 3 - 3 - 3 - 23/3 - 23/3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3	Pre-requisites					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTER	2 3 2 3 3 23 Lec 3 3 3 3	3 0 0 0 0 0 9 <i>Lab</i> 0 0 0	3 - 2 - 3 - 3 - 3 - 23/3 - 23/3 - 23/3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3	Pre-requisites SYLN12C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTERDescriptive TitleDiscrete Mathematics 1Environmental ScienceNational Service Training Program 2 (CWTS)Operating SystemsPhysics 1 (Calculus-based Physics)Physical Activities Towards Health andFitness 4	2 3 2 3 3 23 Lec 3 3 3 3 2	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 0 3	3 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	Pre-requisites SYLN12C CALN11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTER	2 3 2 3 3 23 24 Lec 3 3 3 3 2	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 0	3 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	Pre-requisites SYLN12C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTERDescriptive TitleDiscrete Mathematics 1Environmental ScienceNational Service Training Program 2 (CWTS)Operating SystemsPhysics 1 (Calculus-based Physics)Physical Activities Towards Health andFitness 4	2 3 2 3 3 23 Lec 3 3 3 3 2	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 0 3	3 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	Pre-requisites SYLN12C CALN11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A PRGL22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTER	2 3 2 3 3 23 Lec 3 3 3 3 2	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 0 3 0	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	Pre-requisites SYLN12C CALN11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A PRGL22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTER	2 3 2 3 3 23 24 Lec 3 3 3 3 2	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 0 3 0	3 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	Pre-requisites SYLN12C CALN11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A PRGL22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health andFitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal	2 3 2 3 3 23 Lec 3 3 3 3 2	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 0 3 0	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	Pre-requisites SYLN12C CALN11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A PRGL22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and Fitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal SECOND SEMESTER	2 3 2 3 3 23 Lec 3 3 3 3 2	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 0 3 0	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	Pre-requisites SYLN12C CALN11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A PRGL22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and	2 3 2 3 3 23 Lec 3 3 3 3 2	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 0 3 0	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	Pre-requisites SYLN12C CALN11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A PRGL22C TCWN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health andFitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal	2 3 2 3 3 23 23 24 22 22	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 3 0	3 - 2 - 3 - 3 - 23/3 - 23/3 - 21/3	Pre-requisites SYLN12C CALN11C FPRL11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A PRGL22C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health and	2 3 2 3 3 23 Lec 3 3 3 3 2	3 0 0 0 0 0 9 <i>y</i> <i>Lab</i> 0 0 0 0 3 0	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	Pre-requisites SYLN12C CALN11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A PRGL22C TCWN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health andFitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal	2 3 2 3 3 3 23 Lec 3 3 3 3 2 2 2 2 3 22	3 0 0 0 0 0 9 <i>Lab</i> 0 0 0 0 3 0 6	3 - 2 - 3 - 3 - 23/3 - 23/3 - 21/3 - 21/3	Pre-requisites SYLN12C CALN11C FPRL11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A PRGL22C TCWN01A Course Code AUTN31C	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health andFitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal	2 3 2 3 3 3 23 Lec 3 3 3 2 2 2 2 3 22	3 0 0 0 0 0 9 <i>Lab</i> 0 0 0 3 0 6	3 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	Pre-requisites SYLN12C CALN11C FPRL11C					
OOPL21C PCCN01A PHFN03A RPHN01A STSN01A TNRN01A Course Code DM1N22C ENSN22C NSTP02N OPSN22C PH1L22C PHFN04A PRGL22C TCWN01A	Object Oriented ProgrammingPurposive CommunicationPhysical Activities Towards Health andFitness 3Readings in Philippine HistoryScience, Technology and SocietyThe Life and Works of Rizal	2 3 2 3 3 3 23 Lec 3 3 3 3 2 2 2 2 3 22	3 0 0 0 0 0 9 <i>Lab</i> 0 0 0 0 3 0 6	3 - 2 - 3 - 3 - 23/3 - 23/3 - 21/3 - 21/3	Pre-requisites SYLN12C CALN11C FPRL11C					

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

THIRD YEAR

Course Code MDPC31C NT1L31C SE1N31C TECN31C	Descriptive Title Multimedia Design and ProgrammingNetworks 1Software Engineering 1Technopreneurship	Lec 2 2 3 3 18	Lab 3 3 0 0 9	Units 3 - 3 - 3 - 3 - 21/0	Pre-requisites IPRL12C
Course Code ALCN32C CAON32C CE2L32C PH2L32C SE2L32C SIPN32C TCSN32C	SECOND SEMESTER Descriptive Title Algorithms and Complexity Computer Architecture and Organization CS Elective 2 Physics 2 (Calculus based Physics) Software Engineering 2 Social Issues and Professional Ethics Theory of Computer Science	Lec 3 3 2 3 2 3 19	Lab 0 0 3 3 3 0 0	Units 3 3 4 3 4 3 3 22/0	Pre-requisites AUTN31C PH1L22C SE1N31C
Course Code CE3L41C IEA OJTN41C PSTL41C TH1N41C	FOURTH YEAR FIRST SEMESTER Descriptive Title CS Elective 3 International English Assessment OJT (600 hours) Probability and Statistics Thesis 1	Lec 2 0 6 3 3	Lab 3 0 0 0 0 3	Units 3 - (0) - 6 - 3 - 3 - 15/0	Pre-requisites SIPN33C DM1N22C
Course Code ARTN01A HCIN42C NA NUML42C TH2N42C	SECOND SEMESTER Descriptive Title Art Appreciation Human Computer Interaction Yearbook Package Numerical Methods Thesis 2	Lec 3 3 0 3 3 12	Lab 0 0 0 0 0 0 0	Units 3 - 3 - (0) - 4 - 3 - 13/0	Pre-requisites CALN11C TH1N41C
	Overall Units:	147	48	155/9	