

LYCEUM OF THE PHILIPPINES UNIVERSITY
Intramuros, Manila

Bachelor of Science in Information Technology
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 | |
| PLTN12C | Platform Technologies | 3 | 0 | 3 | |
| | | 20 | 9 | 23/0 | |

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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 | |
| ENS22C | Environmental Science | 3 | 0 | 3 | |
| IASN22C | Information Assurance and Security 2 | 3 | 0 | 3 | IASN12C |
| IPTL22C | Integrative Programming and Technologies | 2 | 3 | 3 | IPRL12C |
| NSTP02N | National Service Training Program 2 (CWTS) | 3 | 0 | (3) | |
| PHFN04A | Physical Activities Towards Health and Fitness 4 | 2 | 0 | 2 | |
| PHYL22C | Physics (Calculus-Based Physics) | 3 | 3 | 4 | CALN11C |
| TCWN01A | The Contemporary World | 3 | 0 | 3 | |
| | | 22 | 6 | 21/3 | |

THIRD YEAR
FIRST SEMESTER

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|--------------------|-----------------------------------|------------|------------|--------------|-----------------------|
| DM2N31C | Discrete Mathematics 2 | 3 | 0 | 3 | DM1N22C |
| IE1N31C | IT Elective 1 (Non-Lab) | 3 | 0 | 3 | |
| MDPC31C | Multimedia Design and Programming | 2 | 3 | 3 | IPRL12C |

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|--------------------|--|------------|------------|--------------|-----------------------|
| NT1L31C | ____ Networks 1 | 2 | 3 | 3 | _____ |
| SI1N31C | ____ System Integration and Architecture 1 | 3 | 0 | 3 | _____ |
| TECN31C | ____ Technopreneurship | 3 | 0 | 3 | _____ |
| WSTL31C | ____ Web Systems and Technologies | 2 | 3 | 3 | ____ ADTL12C |
| | | 18 | 9 | 21/0 | |

SECOND SEMESTER

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|--------------------|---|------------|------------|--------------|-----------------------|
| ADML32C | ____ Advanced Database Management Systems | 2 | 3 | 3 | ____ IMNL12C |
| IE2L32C | ____ IT Elective 2 (with Lab) | 2 | 3 | 3 | _____ |
| NT2L32C | ____ Networks 2 | 2 | 3 | 3 | ____ NT1L31C |
| QMEN32C | ____ Quantitative Methods (Modeling/Simulation) | 3 | 0 | 3 | _____ |
| SAMN32C | ____ Systems Administration and Maintenance | 3 | 0 | 3 | _____ |
| SI2N32C | ____ System Integration and Architecture 2 | 3 | 0 | 3 | ____ SI1N31C |
| SIPN32C | ____ Social Issues and Professional Ethics | 3 | 0 | 3 | _____ |
| | | 18 | 9 | 21/0 | |

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> |
|--------------------|---------------------------------------|------------|------------|--------------|-----------------------|
| CP1N41C | ____ Capstone Project 1 | 3 | 0 | 3 | _____ |
| IE3N41C | ____ IT Elective 3 (Non-Lab) | 3 | 0 | 3 | _____ |
| IEA | ____ International English Assessment | 0 | 0 | (0) | _____ |
| OJTN41C | ____ OJT (600 hours) | 6 | 0 | 6 | ____ SIPN33C |
| PSTL41C | ____ Probability and Statistics | 3 | 0 | 3 | ____ DM1N22C |
| | | 15 | 0 | 15/0 | |

SECOND SEMESTER

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|--------------------|---------------------------------|------------|------------|--------------|-----------------------|
| ARTN01A | ____ Art Appreciation | 3 | 0 | 3 | _____ |
| CP2N42C | ____ Capstone Project 2 | 3 | 0 | 3 | ____ CP1N41C |
| HCIN42C | ____ Human Computer Interaction | 3 | 0 | 3 | _____ |
| IE4L42C | ____ IT Elective 4 (with Lab) | 2 | 3 | 3 | _____ |
| NA | ____ Yearbook Package | 0 | 0 | (0) | _____ |
| | | 11 | 3 | 12/0 | |
| | Overall Units: | 146 | 48 | 153/9 | |