



**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
CURRICULUM PROGRAM OF STUDY**

Effective SY 2018-2019*

Name of Student: _____ Student ID No: _____

| Grade | Course Code | Course Title | Unit/s | Pre-requisite | Grade | Course Code | Course Title | Unit/s | Pre-requisite |
|-----------------------|--------------|--|-----------|-----------------------|------------------------|---------------|---|--------------------------------|---|
| FIRST YEAR | | | | | | | | | |
| FIRST SEMESTER | | | | | SECOND SEMESTER | | | | |
| | GE-UTS | Understanding the Self | 3 | | | GE-AA | Art Appreciation | 3 | |
| | GE-CW | The Contemporary World | 3 | | | GE-ES | Environmental Science | 3 | |
| | GE-PC | Purposive Communication | 3 | | | GE-MMW | Mathematics in the Modern World | 3 | |
| | CC 1/L | Introduction to Computing | 2/1 | | | IT 1 | Discrete Mathematics | 3 | |
| | CC 2/L | Computer Programming 1 | 2/1 | | | IT 2/L | Introduction to Human Computer Interaction | 2/1 | CC 2/L |
| | GE-STIS | Science, Technology and Society | 3 | | | CC 3/L | Computer Programming 2 | 2/1 | CC 2/L |
| | PATH Fit 1 | Movement Enhancement | 2 | | | PATH Fit 2 | Fitness Exercises | 2 | PATH Fit 1 |
| | NSTP 1 | ROTC/CWTS 1 | 3 | | | NSTP 2 | ROTC/CWTS 2 | 3 | NSTP1 |
| | | Total | 23 | | | | Total | 23 | |
| SECOND YEAR | | | | | | | | | |
| FIRST SEMESTER | | | | | SECOND SEMESTER | | | | |
| | GE-PH | Readings in Philippine History | 3 | | | GE-Elect: MDS | Mathematics for Data Science | 3 | GE-MMW |
| | GE-Elect: EM | The Entrepreneurial Mind | 3 | | | Electronics/L | Fundamentals of Electronics | 1/2 | GE-MMW |
| | IT 3/L | Graphics and Visual Computing | 2/1 | GE-MMW | | CC 5/L | Information Management 1 | 2/1 | CC 3/L, CC 4/L |
| | CC 4/L | Data Structures and Algorithms | 2/1 | CC 3/L | | IT 4 | Quantitative Methods w/ Modelling and Simulation | 3 | IT 1/L, GE-MMW |
| | IT E1/L | IT Elective 1 | 2/1 | CC 3/L | | IT 5/L | Network Technologies 1 | 2/1 | IT E2/L |
| | IT E2/L | IT Elective 2 | 2/1 | 2nd year standing | | IT 6/L | Integrative Programming and Technologies 1 | 2/1 | IT E1/L, IT E2/L |
| | PATH Fit 3 | Dance and Sports | 2 | PATH Fit 1 | | IT 7/L | Systems Integration and Architecture 1 | 2/1 | CC 4/L, IT E2/L |
| | GE-PS | Palawan Studies | 3 | | | PATH Fit 4 | Recreation | 2 | PATH Fit 1 |
| | | Total | 23 | | | | Total | 23 | |
| THIRD YEAR | | | | | | | | | |
| FIRST SEMESTER | | | | | SECOND SEMESTER | | | | |
| | IT 8/L | Advanced Database Systems | 2/1 | CC 5/L | | IT 13 | Social and Professional Issues | 3 | 3rd yr. Standing |
| | IT 9/L | Network Technologies 2 | 2/1 | IT 5/L, Electronics/L | | CC 6/L | Application Development and Emerging Technologies 1 | 2/1 | IT 8/L |
| | IT 10/L | Information Assurance and Security 1 | 2/1 | IT 7/L | | IT 14/L | Geographic Information System | 2/1 | IT 3/L |
| | IT 11/L | Web Systems and Technologies 1 | 2/1 | IT 6/L | | IT 15/L | Embedded System | 2/1 | IT 7/L |
| | IT 12/L | Multimedia Systems | 2/1 | CC 1/L | | IT 16/L | Information Assurance and Security 2 | 2/1 | IT 10/L |
| | GE-ET | Ethics | 3 | | | IT 17 | Capstone Project and Research 1 (Proposal Writing) | 2 | IT 8/L, IT 10/L |
| | IT E3/L | IT Elective 3 | 2/1 | 3rd year standing | | GE-LWR | Life and Works of Rizal | 3 | GE-PH |
| | | | | | | GE-IER | Intensive English Review | 3 | 3rd yr. Standing |
| | | Total | 21 | | | | Total | 23 | |
| FOURTH YEAR | | | | | | | | | |
| FIRST SEMESTER | | | | | SECOND SEMESTER | | | | |
| | IT 18/L | Systems Administration and Maintenance | 2/1 | IT 16/L | | IT 21 | Thesis Writing and Colloquium | 2 | IT 19 |
| | IT 19 | Capstone Project and Research 2 (Data Gathering and Writing) | 2 | IT 17 | | | | | |
| | IT E4/L | IT Elective 4 | 2/1 | 4th year standing | | IT 22 | Practicum (486 hours) | 6 | 70% total units of major courses passed and completed |
| | IT 20 | Educational Tour in IT Industry | 3 | 4th year standing | | | | | |
| | | Total | 11 | | | | TOTAL | 8 | |
| | | | | | | | | Total no. of units: 155 | |