



Ladderized Curriculum leading to
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSIT)
with specialization in DIGITAL DESIGN
Based on CMO No. 25, s2015

NAME:

STUDENT NO.:

FIRST YEAR

First Semester

Course Code	Descriptive Title	Units	Grades	Pre-requisite/s
CC100	Introduction to Computing	3		None
CC101	Programming 1	3		None
IM101	Fundamentals of Database Systems	3		None
GE5	Purposive Communication / Malayuning Komunikasyon	3		None
GE1	Understanding the Self / Pang Unawa sa Sarili	3		None
GE4	Mathematics in the Modern World / Matematika sa Makabagong Daigdig	3		None
PE1	Self-Testing Activities	2		None
NSTP100	National Service Training Program 1	(3)		None

Total Units 23

Note: As stipulated in the Admission and Retention Policy of the Department of Information Technology, ALL incoming first year students will undergo Pre-Test on the following areas:

Bridging Program

Course Code	Descriptive Title	Units	Grades	Pre-requisite/s
CBC1	Productivity Applications	(3)		None
CBC2	Programming for Beginners	(3)		None
CBC3	Basic Computer Assembly	(3)		None

Total Units (9)

Note: If a student failed one or all pre-test subjects, he/she is required to enroll in the Bridging Program, provided that a student can enroll a maximum of 27 units only on a given semester.

Second Semester

Course Code	Descriptive Title	Units	Grades	Pre-requisite/s
CC102	Programming 2	3		CC101
ITSYS101	Introduction to IT Systems	3		CC100
CC103	Data Structures and Algorithms	3		CC101
GE2	Readings in Philippine History / Mga Babasahin hinggil sa Kasaysayan ng Pilipinas	3		None
GE6	Art Appreciation / Pagpapahalaga sa Sining	3		None
GE3	The Contemporary World / Ang Kasalukuyang Daigdig	3		None
GE10	Kontekswalisadong Komunikasyon sa Filipino	3		None
PE2	Rhythmic Activities	2		None
NSTP101	National Service Training Program 2	(3)		None

Total Units 26

SECOND YEAR

First Semester

Course Code	Descriptive Title	Units	Grades	Pre-requisite/s
NET101	Networking 1	3		CC100
DP101	Desktop Publishing	3		CC100 & CC102
ITSYS102	Web and Multimedia Systems	3		IT SYS 101
CC104	Information Management	3		CC103
GE8	Ethics / Etika	3		None
GE7	Science, Technology & Society / Agham, Teknolohiya at Lipunan	3		None
GE9	Life and Works of Rizal	3		None
PE3	Individual and Dual Sports	2		None

Total Units 23

Second Semester

Course Code	Descriptive Title	Units	Grades	Pre-requisite/s
CC105	Application Developments and Emerging Technologies	3		CC102
MS101	Discrete Mathematics	3		GE4
NET102	Networking 2	3		NET101
VD100	Introduction to Visual Design	3		DP101
HCI101	Introduction to Human Computer Interaction	3		CC102
GE11	Filipino sa Iba't-Ibang Disiplina	3		None
GE14	Philippine Popular Culture	3		None
PE4	Team Sports	2		None

Total Units 23

Note:
~A certificate in **Associate in Computer Technology** shall be granted to the students after completing the first two years of the curriculum.
~Students must pass at least one certification program from Microsoft, TESDA and other related certifications before they can enroll in the **Bachelor of Science in Information Technology (BSIT) programs: with specialization in Application Programming or with specialization in Digital Design.**

THIRD YEAR
First Semester

Course Code	Descriptive Title	Units	Grades	Pre-requisite/s
IAS101	Information Assurance and Security	3		CC100
MS102	Quantitative Methods	3		CC100
ITTrends100	Current Trends in IT	3		None
SA101	System Administration and Maintenance	3		ITSYS102
ITElec1A	Fundamentals of Video Production	3		Adviser's Consent
MST100	Mathematics and Statistics for IT	3		MS101
VD101	Reading Visual Arts	3		None

Total Units 21

Second Semester

Course Code	Descriptive Title	Units	Grades	Pre-requisite/s
IPT101	Integrative Programming Technologies	3		CC100
PT101	Platform Technologies	3		CC100 & CC103
PROG3	Object Oriented Programming	3		CC102
TECH101	Technical and Professional Communications	3		GE5
ITBusi101	IT Business Ventures	3		CC105
GE17	People and the Earth's Ecosystem	3		None
ITElec2A	Fundamentals of Digital Sound Production	3		Adviser's Consent
ITElec3A	Video Processing	3		Adviser's Consent

Total Units 24

Summer

Course Code	Descriptive Title	Units	Grades	Pre-requisite/s
MS103	Big Data	3		MS102
CAP101	Capstone Project and Research 1	3		Must pass 80% of the previous academic subjects

Total Units 6

FOURTH YEAR
First Semester

Course Code	Descriptive Title	Units	Grades	Pre-requisite
CAP102	Capstone Project and Research 2	3		CAP101^
SP101	Social and Professional Issues in IT	3		GE8
ITElec4A	Image Processing	3		Adviser's Consent
ITElec5A	Organic Modeling	3		Adviser's Consent
IAS102	Cybersecurity	3		IAS101
ITEngl100	English for IT	3		TECH101

Total Units 18

^required in CAP102: Students need to present research output in local or regional fora.

Second Semester

Course Code	Descriptive Title	Units	Grades	Pre-requisite
Prac101	Practicum	6		Must pass all the required academic subjects

Total Units 6

Summary of Courses

Courses	Units
Computing Bridging Program Courses (non-credit)	(9)
General Education Courses	39
Core Computing Courses	117
Common Courses	18
Professional Courses	78
Professional Elective Courses	15
Practicum	6
Physical Education (PE)	8
National Service Training Program (NSTP)	6

Total Units 179

Prepared by: _____

Re-checked by: _____

Final Evaluation by: _____

Approved by the Academic Council on: _____