

ENHANCED CURRICULUM
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
(CMO, No. 25, s. 2015, Effective 1st Sem. AY 2023-2024)

FIRST YEAR

First Semester

Course Code	Descriptive Title	Grades	Units	Pre/ Co-Requisite	Instructor
IT 111	Introduction to Computing		3		
IT 112L	Computer Programming I (Lec & Lab)		3		
COMP 1	Microsoft Application (Word, Excel, PPP)		3		
GE 100	Purposive Communication		3		
GE 101	Understanding the Self		3		
GE 102	Mathematics in the Modern World		3		
PATH-FIT 1	Movement Competency Training		2		
NSTP 101	Civic Work & Training Service/ ROTC/LTS 1		3		
Theo 101	Islamic religion/ other religion		3		
TOTAL			26		

Second Semester

Course Code	Descriptive Title	Grades	Units	Pre/ Co-Requisite	Instructor
IT 121	Discrete Mathematics		3		
IT 122L	Computer Programming II (Lec & Lab)		3	IT112L	
COMP 2	Graphics Design (Adobe Photoshop & Corel Draw)		3	COMP 1	
GE 103	Arts Appreciation		3		
GE Elect 1	Gender & Society*		3		
GE 104	Reading in the Philippine History ***		3		
PATH-FIT 2	Exercised Based Fitness Activities		2	PATH-FIT 1	
NSTP 121	Civic Work & Training Service/ ROTC/LTS II		3	NSTP 101	
Theo 102	Islamic religion/ other religion		3	Theo 101	
TOTAL			26		

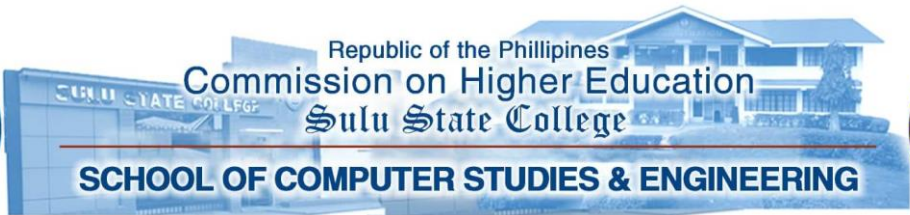
SECOND YEAR

First Semester

Course Code	Descriptive Title	Grades	Units	Pre/Co-Requisite	Instructor
IT Elec 1 L1	IT Elective 1		3		
IT Elec 2 L2	IT Elective 2		3		
IT 211	Data Structure & Algorithm		3	IT 122L	
IT 212	Advance data Base System		3	IT 122L	
IT 213	Networking 1		3		
IT214	Cybersecurity		3	2 nd year Standing	
GE Elect 2	Living in the IT Era		3		
GE 105	The Contemporary World		3		
PATH-FIT 3	Choice of Dance, Sports, Martial Arts, Group Exercise and Adventure Activities		3	PATH-FIT 2	
TOTAL			26		

Second Semester

Course Code	Descriptive Title	Grades	Units	Pre/Co-Requisite	Instructor
IT 221	Information Management		3	IT 211	
IT 222	Quantitative Methods (Including Modeling & Simulation)		3	IT 121	
IT 223	Integrative Programming & Technology		3	IT ELEC 1 L1	
IT 224	Application Development & Emerging Technologies		3		
IT 225	Networking 2		3	IT 213	
IT 226	Cloud Computing Fundamentals		3	2 nd year Standing	
GE Elect 3	Peace Education**		3		
GE 106	Ethics		3		
PATH-FIT 4	Choice of Dance, Sports, Martial Arts, Group Exercise and Adventure Activities		2	PATH-FIT 3	
TOTAL			26		



THIRD YEAR

First Semester

Course Code	Descriptive Title	Grades	Units	Pre/Co-Requisite	Instructor
IT 311	Information Assurance & Security I		3	IT 224	
IT 312	Social & Professional Issues		3		
IT 313	System Integrative & architecture I		3	IT 223	
IT 314	Internet of Things and Application		3	3 rd year standing	
IT ELEC3 L3	IT Elective 3		3	3 rd year standing	
IT ELEC4 L4	IT Elective 4		3	3 rd year standing	
GE 107	Science, technology and Society		3		
TOTAL			21		

Second Semester

Course Code	Descriptive Title	Grades	Units	Pre/Co-Requisite	Instructor
IT 321	Information Assurance & Security II		3	IT 311	
IT 322	Intro. To Human Com. Interaction		3	3rd year standing	
IT 323	Data Mining and Warehousing		3	3rd year standing	
IT CAPs 101	Capstone Project & Research 1		3	All Major	
GE 108	The Life and Works of Rizal		3		
TOTAL			15		

FOURTH YEAR

First Semester

Course Code	Descriptive Title	Grades	Units	Pre/Co-Requisite	Instructor
IT CAPs 102	Capstone Project & Research 2		3	IT CAPs 101	
IT 411	System administration & Maintenance		3	IT 321	
IT412	IT Education (Seminar and Training)		3		
IT 413	DevSecOps Fundamentals		3		
TOTAL			12		

Second Semester

Course Code	Descriptive Title	Grades	Units	Pre/Co-Requisite	Instructor
PRAC 101	Practicum (486 hrs)		6	All Major	
TOTAL			6		
GRAND TOTAL					

Summary:

General Education:	36 units
Common Courses:	18 units
Professional Courses:	48 units
Prof. Electives:	12 units
PATH-FIT	8 units
NSTP:	6 units
Domain Courses:	18 units
Institutional Courses:	12 units
Total units:	158 units

Legend:

- *GAD (CMO No. 1, s. 2015) is the G.E Elec 1 (Gender and Society)
- **Peace Studies (CMO No. 1, s. 2019) is the G.E 103 (Peace Education)
- ***Indigenous People Studies (CMO No. 2, s. 2019) integrated into G.E 104 (Reading in the Philippine History)

