

SILLIMAN UNIVERSITY DUMAGUETE CITY

School/College: College of Computer Studies
Program Name: Bachelor of Science in Information Systems (BSIS)

Curriculum Year: **2018 - 2019** 

## FIRST YEAR

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Subject					Pre-
Code	Course Title	Lec	Lab	Units	Requisite
CCS 1	Introduction to Computing	2	3	3	
CCS 2	Fundamentals of Programming	2	3	3	
CHS 1	Reading & Interpreting the Hebrew Scriptures	3	0	3	
GE 4	Mathematics in the Modern World	3	0	3	
GE 6	Art Appreciation	3	0	3	
GE 10/GE 10A	Retorika: Ang Sining ng Pagpapahayag/WPE	3	0	3	
PE 1	Physical Fitness & Swimming	2	0	2	
NSTP 1	National Service Training Program	3	0	3	
PEP 1	Personal Enhancement Program	0	0	0	
	TOTAL UNITS:			23	

## **Second Semester**

Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
CCS 3	Intermediate Programming	2	3	3	CCS 2
InfoSys 12	Fundamentals of Information Systems	3	0	3	CCS 1
CHS 2	Reading & Interpreting the Christian Scriptures	3	0	3	CHS 1
GE 1	Understanding the Self	3	0	3	
GE 7	Science, Technology and Society	3	0	3	
GE 11/GE 11A	Panitikan/Free Elective	3	0	3	GE 10
PE 2	Physical Education	2	0	2	PE 1
NSTP 2	National Service Training Program	3	0	3	NSTP 1
PEP 2	Personal Enhancement Program	0	0	0	
	TOTAL UNITS:			23	

# SECOND YEAR

# First Semester

Subject					Pre-
Code	Course Title	Lec	Lab	Units	Requisite
CCS 4	Data Structures and Algorithms	2	3	3	CCS 3
InfoSys 21	IT Infrastructure & Network Technologies	2	3	3	InfoSys 12
InfoSys 23	Organization & Mgt Concepts	3	0	3	InfoSys 12
InfoSys 25	Quantitative Methods for IS	3	0	3	GE 4
GE 2	Readings in Philippine History	3	0	3	
GE 5	Purposive Communication	3	0	3	
GE 12/ CHS 3	Christianity & Peace- Building	3	0	3	CHS 2
PE 3	Physical Education	2	0	2	PE 1
	TOTAL UNITS:			23	

# Second Semester

Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite		
CCS 5	Fundamentals of Info Management	2	3	3	CCS 4		
InfoSys 22	Accounting and Financial Management	3	0	3	InfoSys 23		
InfoSys 24	Business Process Management	3	0	3	InfoSys 23		
InfoSys 26	IT Security and Management 1	3	0	3	InfoSys 21		
GE 3	The Contemporary World	3	0	3			
GE 8	Ethics	3	0	3			
GE 9	The Life & Works of Jose Rizal	3	0	3			
PE 4	Physical Education	2	0	2	PE 1		
	TOTAL UNITS:						

## THIRD YEAR

#### First Semester

Subject					Pre-
Code	Course Title	Lec	Lab	Units	Requisite
CCS 6	App Dev & Emerging Technologies	2	3	3	CCS 5
InfoSys 31	Systems Analysis & Design	3	0	3	CCS 5, InfoSys 22, InfoSys 24
InfoSys 33	Database Administration	2	3	3	CCS 5
InfoSys 35	Evaluation of Business Performance	3	0	3	InfoSys 22, InfoSys 24
InfoSys 37	Enterprise System Architecture	3	0	3	InfoSys 24, InfoSys 26

#### **Second Semester**

Second Semester								
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite			
CCS 7	Technopreneurship	3	0	3	CCS 6			
CCS 8	Human-Computer Interaction	3	0	3	CCS 5, GE 1			
InfoSys 32	IS Project Management	3	0	3	InfoSys 31, InfoSys 33, InfoSys 35			
InfoSys 34	IS Strategy, Management, and Acquisition	3	0	3	InfoSys 31, InfoSys 37			
InfoSys 36	Knowledge Management	3	0	3	InfoSys 31, InfoSys 33			

TOTAL UNITS:	18			
InfoSys E1 IS Elective 1	2	3	3	CCS 5, InfoSys 25, InfoSys 26

TOTAL UNITS:				
InfoSys E2 IS Elective 2	2	3	3	InfoSys E1

### Summer

	Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
Tr	nfoSys 40	Capstone Project 1 (with	3	0	3	CCS 7, CCS 8, InfoSys 32,
		RLE)				InfoSys 34, InfoSys 36
	TOTAL:			3		

### **FOURTH YEAR**

### First Semester

Subect					Pre-
Code	Course Title	Lec	Lab	Units	Requisite
InfoSys 41	Capstone Project 2 (with RLE)	3	0	3	InfoSys 40
InfoSys 43	Professional Issues in IS	3	0	3	GE 12
InfoSys 45	Business Intelligence	3	0	3	InfoSys 32, InfoSys 34, InfoSys 36
InfoSys E3	IS Elective 3	2	3	3	InfoSys E2
InfoSys E4	IS Elective 4	2	3	3	InfoSys E2
		15			

## **Second Semester**

Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
InfoSys 42	Practicum for IS (with Practicum Fee)	6	0	6	InfoSys 41, InfoSys 43, InfoSys 45
TOTAL: 486 hrs.					

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Note: Admission Requirements; All strands will be accepted/admitted but are required to take the bridging course in Problem Solving and Logic Formulation (PSLF 00)

**Augmentation Learning Activities** 

Units	Schedule Offering
(3)	Mid-Year Term

Summary of Curriculum Components	Units
General Education Subjects	36
Major Subjects	72
Major Electives	12
Cognate Subjects	0
Practicum/Thesis/OJT	12
NSTP	6
PE	8
Institutional Required Subjects	6
Total credit units	152

## Remarks:

Updated: May 29, 2020