



Northwestern Mindanao State College  
of Science and Technology



COMMISSION ON HIGHER EDUCATION

School of Information and Communication Technology

Bachelor of Science in Information System

Based on CMO NO. 25 Series of 2015

BOT Resolution 48, s. 2017

Effective S.Y. 2018-2019

REMARKS: Compliant ✓ CMO 25 2015

Curriculum Map

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DATE: FEB 20 2020

SUBJECT CODE	DESCRIPTIVE TITLE	UNIT		HOUR		CREDIT	PRE-REQUISITE
		LEC	LAB	LEC	LAB		
1ST YEAR : FIRST SEMESTER							
CC101	Introduction to Computing	2	1	2	3	3	
CC102	Computer Programming I	2	1	2	3	3	
MMW	Mathematics in the Modern World	3	0	3	0	3	
* ENVSCI	Environmental Science	3	0	3	0	3	
ENTREP 11	The Entrepreneurial Mind	3	0	3	0	3	
P.E. 1	Path-Fit 1	2	0	2	0	2	
Jeep 1	Jeep Start	2	1	2	3	3	
HIST 11	Readings in Philippine History	3	0	3	0	3	
NSTP 1	MS/CWTS/LES	0	0	0	0	0	
TOTAL		20	3	20	9	23	
YEAR : SECOND SEMESTER							
IS101	Fundamentals of Information Systems	2	1	2	3	3	CC101
CC103	Computer Programming 2	2	1	2	3	3	CC102
SOCSCI 11	Understanding the Self	3	0	3	0	3	
* PURCOMM	Purposive Communication	3	0	3	0	3	
P.E. 2	Path-Fit 2	2	0	2	0	2	P.E.1
Jeep 2	Jeep Accelerate	2	1	2	3	3	Jeep 1
NSTP 2	CWTS/ROTC	0	0	0	0	0	NSTP
CC104	Data Structures and Algorithms	2	1	2	3	3	CC101, (CC103 Co-Requisite)
TOTAL		16	4	16	12	20	
2ND YEAR : FIRST SEMESTER							
ABM5	Organization and Management Concepts	3	0	3	0	3	IS101
IS102	Professional Issues in Information System	3	0	3	0	3	IS101
CC105	Information Management 1	2	1	2	3	3	CC104
* CONWORLD	The Contemporary World	3	0	3	0	3	
IS103	IT Infrastructure and Network Technologies	2	1	2	3	3	IS101
P.E. 3	Path-Fit 3	2	0	2	0	2	P.E.2
IS104	Enterprise Architecture	2	1	2	3	3	IS101
TOTAL		17	3	17	9	20	
2ND YEAR : SECOND SEMESTER							
ETHICS	Ethics	3	0	3	0	3	
BPM	Business Process Design and Management	3	0	3	0	3	FinMan
WEB	Web Systems and Technologies	2	1	2	3	3	CC103
HUM 11	Art Appreciation	3	0	3	0	3	
* STS	Science and Technology and Society	3	0	3	0	3	
FinMan	Financial Management	3	0	3	0	3	ABM5
P. E. 4	Path-Fit 4	2	0	2	0	2	
TOTAL		19	1	19	3	20	P.E. 3
3RD YEAR : FIRST SEMESTER							
QM	Quantitative Methods	2	1	2	3	3	3rd Year Standing
IS ELEC1	IS Elective 1	2	1	2	3	3	
CC107	Application Development and Emerging Technologies	2	1	2	3	3	WEB
CC108	System Analysis, Design and Development	2	1	2	3	3	CC104
IS PROF EL1	IS Professional Elective 1	2	1	2	3	3	
* RVA	Reading Visual Arts	3	0	3	0	3	
TOTAL		13	5	13	15	18	
3RD YEAR : SECOND SEMESTER							
CAP101	Capstone Project 1	0	0	0	3	3	3rd Year Level

PROJMG1	IS Project Management 1	3	0	3	0	3	CC101,IS104
* EBP	Evaluation of Business Performance	3	0	0	0	3	
RESEARCH	Methods of Research in Computing	3	0	3	0	3	3rd Year Level
IS PROF EL 2	IS Professional Elective 2	3	0	3	0	3	
STRATMG1	IS Strategy, Management and Acquisition	3	0	3	0	3	3rd Year Level
IS PROF EL 3	IS Professional Elective 3	2	1	2	3	3	(IS PROF EL2 Co-Requisite)
TOTAL		17	1	14	6	21	
<b>3RD YEAR: SUMMER</b>							
PROJMG2	IS Project Management 2	3	0	3	0	3	PROJMG1
BI	Business Intelligence	2	1	2	3	3	IS PROF EL3
TOTAL		5	1	5	3	6	
<b>4TH YEAR: FIRST SEMESTER</b>							
IS ELEC 2	IS Elective 2	2	1	2	3	3	IS ELEC1
IS ELEC 3	IS Elective 3 (Systems Administration)	2	1	2	3	3	(IS ELEC 2 Co-Requisite)
CAP 102	Capstone Project 2	0	0	0	3	3	4th year level
IS ELEC4	IS Elective 4	2	1	2	3	3	(IS ELEC 3 Co-Requisite)
* Rizal	The life and Works of Jose Rizal	3	0	3	0	3	RESEARCH
FL	Foreign Language	3	0	3	0	3	
TOTAL		12	3	12	12	18	
<b>4TH YEAR : SECOND SEMESTER</b>							
SEMTOUR	Seminar and Tours	1	0	0	0	1	4th year level
Prac 101	Practicum (486 Hours)	0	0	0	0	9	Completed all major subjects until 3rd year level
TOTAL		1	0	0	0	10	

#### Recommended Electives

Enterprise Systems  
IT Audit and Control  
IS Innovations and New Technologies  
IT Security and Management  
IT Service Management  
Data Mining  
Enterprise Resource Planning  
Advanced Statistics

**Note:** Probationary status students are not allowed to enroll those subjects with an asterisk (\*).

