MALAYAN COLLEGES MINDANAO (A MAPUA SCHOOL)
General Douglas MacArthur Highway, Matina, Davao City

BACHELOR OF SCIENCE IN INFORMATION SYSTEMS
(Curriculum based on CMO No. 25 s.2015, applicable to freshmen beginning school year 2020-2021)

FIRST YEAR

1st Semester

Code	Title	Lec	Lab	Total	Pre/Co-requisite
CS100P	INTRODUCTION TO COMPUTER SYSTEMS (PAIRED)	2	1	3	-
IT101-1P	COMPUTER PROGRAMMING CONCEPTS 1 (PAIRED)	2	1	3	-
MATH021	COLLEGE MATHEMATICS	3	0	3	-
ENG023	RECEPTIVE COMMUNICATION SKILLS	3	0	3	-
HUM034	ART APPRECIATION	3	0	3	-
SS021	UNDERSTANDING THE SELF	3	0	3	-
SS022	READINGS IN PHILIPPINE HISTORY	3	0	3	-
VE021	LIFE COACHING SERIES 1	(1)	0	(1)	-
	Total			**21**	

2nd Semester

Code	Title	Lec	Lab	Total	Pre/Co-requisite
IS100	FUNDAMENTALS OF INFORMATION SYSTEMS	3	0	3	-
IT101-2P	COMPUTER PROGRAMMING CONCEPTS 2 (PAIRED)	2	1	3	IT101-1P
CS152	HUMAN COMPUTER INTERACTION	3	0	3	-
MATH035	MATHEMATICS IN THE MODERN WORLD	3	0	3	-
ENG024	WRITING FOR ACADEMIC STUDIES	3	0	3	-
SS023	THE CONTEMPORARY WORLD	3	0	3	-
PE021	MOVEMENT ENHANCEMENT	(2)	0	(2)	-
VE022	LIFE COACHING SERIES 2	(1)	0	(1)	VE021
	Total			**18**	

SECOND YEAR

1st Term

Code	Title	Lec	Lab	Total	Pre/Co-requisite
CS106P	DATA STRUCTURES AND ALGORITHMS (PAIRED)	2	1	3	IT101-2P
IT102P	OBJECT ORIENTED PROGRAMMING (PAIRED)	2	1	3	IT101-2P
IS102	PROFESSIONAL ISSUES IN INFORMATION SYSTEM	3	0	3	-
MGT101	ORGANIZATION AND MANAGEMENT CONCEPT	3	0	3	-
HUM021	LOGIC AND CRITICAL THINKING	3	0	3	-
ENG041	PURPOSIVE COMMUNICATION	3	0	3	-
GEELEC01	GE ELECTIVE 1	3	0	3	-
PE022	FITNESS EXERCISE	(2)	0	(2)	PE021
VE023	LIFE COACHING SERIES 3	(1)	0	(1)	VE022
NSTP010	NATIONAL SERVICE TRAINING PROGRAM 1	(3)	0	(3)	-
	Total			**21**	

2nd Term

Code	Title	Lec	Lab	Total	Pre/Co-requisite
CS103P	SYSTEMS ANALYSIS AND DESIGN (PAIRED)	2	1	3	CS107P
CS107P	INFORMATION MANAGEMENT (PAIRED)	2	1	3	CS106P
IT103P	WEB PROGRAMMING (PAIRED)	2	1	3	IT102P
IT128P	IT INFRASTRUCTURE AND NETWORK TECHNOLOGIES (PAIRED)	2	1	3	CS100P
FIN101	FINANCIAL MANAGEMENT	3	0	3	-
HUM039	ETHICS	3	0	3	-
GEELEC02	GE ELECTIVE 2	3	0	3	-
PE023	PHYSICAL ACTIVITY TOWARDS HEALTH AND FITNESS 1	(2)	0	(2)	PE022
NSTP011P	NATIONAL SERVICE TRAINING PROGRAM 2 (PAIRED)	(3)	0	(3)	NSTP010
	Total			**21**	

THIRD YEAR

1st Term

Code	Title	Lec	Lab	Total	Pre/Co-requisite
IT104P	APPLICATION DEVELOPMENT AND EMERGING TECHNOLOGIES (PAIRED)	2	1	3	IT102P
IS105	ENTERPRISE ARCHITECTURE	3	0	3	-
IS111	BUSINESS PROCESSES	3	0	3	-
IS113	IS INNOVATION AND NEW TECHNOLOGIES	3	0	3	-
ISELEC01	PROFESSIONAL ELECTIVE 1	3	0	3	CS103P
MATH120	QUANTITATIVE METHODS	3	0	3	-
SS085	PHILIPPINE INDIGENOUS COMMUNITIES	3	0	3	-
PE024	PHYSICAL ACTIVITY TOWARDS HEALTH AND FITNESS 2	(2)	0	(2)	PE023
	Total			**21**	

2nd Term

Code	Title	Lec	Lab	Total	Pre/Co-requisite
IT129	INFORMATION ASSURANCE AND SECURITY	3	0	3	CS100P
IS114	BUSINESS INTELLIGENCE	3	0	3	-
IS132-1P	IS PROJECT MANAGEMENT 1 (PAIRED)	2	1	3	-
IS136P	ENTERPRISE RESOURCE PLANNING (PAIRED)	2	1	3	-
ISELEC02	PROFESSIONAL ELECTIVE 2	3	0	3	-
SS036	SCIENCE, TECHNOLOGY, AND SOCIETY	3	0	3	-
RES200	METHODS OF RESEARCH	3	0	3	MATH120, ENG024
	Total			**21**	

FOURTH YEAR

1st Term

Code	Title	Lec	Lab	Total	Pre/Co-requisite
IS200D-1	CAPSTONE PROJECT 1	3	0	3	RES200
IS107	IS STRATEGY, MANAGEMENT, AND ACQUISITION	3	0	3	-
IS134	EVALUATION OF BUSINESS PERFORMANCE	3	0	3	-
IS135	IT AUDIT AND CONTROLS	3	0	3	-
ISELEC03	PROFESSIONAL ELECTIVE 3	3	0	3	-
ISELEC04	PROFESSIONAL ELECTIVE 4	3	0	3	-
SS038	THE LIFE AND WORKS OF JOSE RIZAL	3	0	3	-
	Total			**21**	

2nd Term

Code	Title	Lec	Lab	Total	Pre/Co-requisite
IS200D-2	CAPSTONE PROJECT 2	3	0	3	IS200D-1
IS199R	PRACTICUM	6	0	6	-
	Total			**9**	

Note: Elective courses offering per term will depend on the availability of instructor and compliance of prerequisite courses for specific elective course.

Code	ELECTIVE TITLES (9 units)	Lec	Lab
IS130P	Data Mining (Paired)	3	0
CS134P	Machine Learning (Paired)	2	1
IS112	Enterprise Systems	3	0
IS117	Customer Relationship Management	3	0
CS140-1	Software Engineering 1 (Paired)	2	1
*	Supply Chain Management	3	0
*	Knowledge Management	3	0
*	Internet Marketing	3	0
*	Cybersecurity	2	1
*	CCNA Routing and Switching 1(Paired)	2	1
*	CCNA Routing and Switching 2(Paired)	2	1
*	CCNA Routing and Switching 3(Paired)	2	1

Code	GE ELECTIVE TITLES (6 units)	Lec	Lab
ENV075	Environmental Science	3	0
ENV076	People and the Earth's Ecosystem	3	0
ENT078	The Entrepreneurial Mind	3	0
HUM080	Philippine Popular Culture	3	0
HUM081	Indigenous Creative Crafts	3	0
HUM082	Reading Visual Art	3	0
HUM083	Great Books	3	0
SS084	Religions, Religious Experiences and Spiritua	3	0
SS086	Gender and Society	3	0