

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

# BACHELOR OF SCIENCE IN ARCHITECTURE Curriculum applicable to students who entered as freshmen beginning school year <u>2020-2021</u>

#### FIRST YEAR

	FINITEAN													
	FIRST SEMESTER				SECOND SEMESTER									
CODE	TITLE	LEC HRS	LAB HRS	UNITS	PREREQUISITES	CO-REQUISITES	CODE	TITLE	LEC HRS	LAB HRS	UNITS	PREREQUISITES	CO-REQUISITES	
AR100P	ARCHITECTURAL DESIGN 1: INTRODUCTION TO DESIGN (PAIRED)	1.0	3.0	2.0	None	None	AR001	ARCHITECTURE ORIENTATION	1.0	0.0	1.0	None	None	
AR110P	ARCHITECTURAL VISUAL COMMUNICATIONS 1: GRAPHICS 1 (PAIRED)	1.0	6.0	3.0	None	None	AR101P-1	ARCHITECTURAL DESIGN 2: CREATIVE DESIGN FUNDAMENTALS (PAIRED)	1.0	3.0	2.0	AR100P, AR120P	None	
AR112P	ARCHITECTURAL VISUAL COMMUNICATIONS 2: VISUAL TECHNIQUES 1 (PAIRED)	1.0	3.0	2.0	None	None	AR111P	ARCHITECTURAL VISUAL COMMUNICATIONS 3: GRAPHICS 2 (PAIRED)	1.0	6.0	3.0	AR110P	None	
AR120P	THEORY OF ARCHITECTURE 1 (PAIRED)	1.0	3.0	2.0	None	None	AR113P	ARCHITECTURAL VISUAL COMMUNICATIONS 4: VISUAL TECHNIQUES 2 (PAIRED)	1.0	3.0	2.0	AR112P	None	
AR150	HISTORY OF ARCHITECTURE 1	2.0	-	2.0	None	None	AR121	THEORY OF ARCHITECTURE 2	2.0	-	2.0	AR120P	None	
ENG023	RECEPTIVE COMMUNICATION SKILLS	3.0	•	3.0	None	None	AR122P-1	ARCHITECTURAL INTERIORS (PAIRED)	1.0	3.0	2.0	AR120P	None	
HUM034	ART APPRECIATION	3.0	-	3.0	None	None	ENG024	WRITING FOR ACADEMIC STUDIES	3.0	-	3.0	None	None	
MATH035	MATHEMATICS IN THE MODERN WORLD	3.0	-	3.0	None	None	MATH021	COLLEGE MATHEMATICS	3.0	-	3.0	None	None	
SS085	PHILIPPINE INDIGENOUS COMMUNITIES	3.0	-	3.0	None	None	SS021	UNDERSTANDING THE SELF	3.0	-	3.0	None	None	
VE021	LIFE COACHING SERIES 1	1.0	-	(1.0)	None	None	SS022	READINGS IN PHILIPPINE HISTORY	3.0	-	3.0	None	None	
	TOTAL	19.0	15.0	23.0			NSTP010	NATIONAL SERVICE TRAINING PROGRAM 1	3.0	-	(3.0)	None	None	
							VE022	LIFE COACHING SERIES 2	1.0	•	(1.0)	VE021	None	
								TOTAL	23.0	25.0	24.0			

	SECOND YEAR													
	FIRST SEMESTER			SECOND SEMESTER										
CODE	TITLE	LEC HRS		UNITS	PREREQUISITES	CO-REQUISITES	CODE	TITLE	LEC HRS	LAB HRS	UNITS	PREREQUISITES	CO-REQUISITES	
AR102P-1	ARCHITECTURAL DESIGN 3: CREATIVE DESIGN IN ARCHITECTURAL INTERIORS (PAIRED)	1.0	6.0	3.0	AR101P-1, AR121, AR122P-1	None	AR103P-1	ARCHITECTURAL DESIGN 4: SPACE PLANNING 1 (PAIRED)	1.0	6.0	3.0	AR102P-1	None	
AR114P	ARCHITECTURAL VISUAL COMMUNICATIONS 5: VISUAL TECHNIQUES 3 (PAIRED)	1.0	3.0	2.0	AR113P	None	ΔR131P-1	BUILDING TECHNOLOGY 2: CONSTRUCTION DRAWINGS IN WOOD STEEL AND CONCRETE (1 STOREY BUILDING) (P)	2.0	3.0	3.0	AR130, AR140P	None	
AR130	BUILDING TECHNOLOGY 1: BUILDING MATERIALS	3.0	-	3.0	None	None	AR152	HISTORY OF ARCHITECTURE 3	2.0	-	2.0	AR151	None	
AR140P	BUILDING UTILITIES 1: PLUMBING AND SANITARY SYSTEMS (PAIRED)	2.0	3.0	3.0	None	None	CE101-4	SURVEYING	2.0	-	2.0	MATH014-1	None	
AR151	HISTORY OF ARCHITECTURE 2	2.0	-	2.0	AR150	None	CE101F-4	SURVEYING (FIELD)	-	3.0	1.0	MATH014-1	CE101-4	
AR170	TROPICAL DESIGN	2.0	-	2.0	None	None	ENG041	PURPOSIVE COMMUNICATION	3.0	-	3.0	None	None	
GEELEC01	GE ELECTIVE 1	3.0	-	3.0	None	None	MATH027-1	DIFFERENTIAL AND INTEGRAL CALCULUS	3.0	-	3.0	MATH021	None	
HUM021	LOGIC AND CRITICAL THINKING	3.0	-	3.0	None	None	SS023	THE CONTEMPORARY WORLD	3.0	-	3.0	None	None	
MATH014-1	SOLID MENSURATION	2.0	-	2.0	MATH021	None	SS036	SCIENCE, TECHNOLOGY, AND SOCIETY	3.0	-	3.0	None	None	
PE021	MOVEMENT ENHANCEMENT	-	2.0	(2.0)	None	None	PE022	FITNESS EXERCISES	-	2.0	(2.0)	PE021	None	
NSTP011P	NATIONAL SERVICE TRAINING PROGRAM 2 (PAIRED)	2.0	3.0	(3.0)	NSTP010	None		TOTAL	19.0	14.0	23.0			
VE023	LIFE COACHING SERIES 3	1.0	-	(1.0)	VE022	None								
	TOTAL	22.0	17.0	23.0										

						THIRD	YEAR						
	FIRST SEMESTER	R					SECOND SEMESTE	R					
CODE	TITLE	LEC HRS	LAB HRS	UNITS	PREREQUISITES	CO-REQUISITES	CODE	CODE TITLE L			UNITS	PREREQUISITES	CO-REQUISITES
AR104P-1	ARCHITECTURAL DESIGN 5: SPACE PLANNING 2 (PAIRED)	1.0	9.0	4.0	AR103P-1	None	AR105P-1	ARCHITECTURAL DESIGN 6: SITE DEVELOPMENT PLANNING AND LANDSCAPING (PAIRED)	1.0	9.0	4.0	AR104P-1	None
AR132P-1	BUILDING TECHNOLOGY 3: CONSTRUCTION DRAWINGS IN WOOD STEEL AND CONCRETE (2 STOREY BUILDING) (P)	2.0	3.0	3.0	AR131P-1, AR140P	None	AR133P-1	BUILDING TECHNOLOGY 4: SPECIFICATION WRITING AND QUANTITY SURVEYING (PAIRED)	2.0	3.0	3.0	AR132P-1	None
AR141P	BUILDING UTILITIES 2: ELECTRICAL, ELECTRONICS AND MECHANICAL SYSTEMS (PAIRED)	2.0	3.0	3.0	AR140P	None	AR142P	BUILDING UTILITIES 3: ACOUSTICS AND LIGHTING SYSTEMS (PAIRED)	2.0	3.0	3.0	AR141P	None
AR153	HISTORY OF ARCHITECTURE 4	2.0	-	2.0	AR152	None	AR161-1	PLANNING 1: SITE PLANNING AND LANDSCAPE ARCHITECTURE	3.0	-	3.0	CE101-4, CE101F-4, AR170	None
DRAW041P	COMPUTER-AIDED DESIGN AND DRAFTING FOR ARCHITECTURE 1 (PAIRED)	1.0	3.0	2.0	AR114P	None	AR181	PROFESSIONAL PRACTICE 1: LAWS AFFECTING THE PRACTICE OF ARCHITECTURE	3.0	-	3.0	None	None
HUM039	ETHICS	3.0	-	3.0	None	None	CE104-3	MECHANICS OF DEFORMABLE BODIES FOR AR	3.0	-	3.0	MEC101-3	None
MEC101-3	STATICS OF RIGID BODIES FOR AR	3.0	-	3.0	MATH027-1	None	DRAW042P	COMPUTER-AIDED DESIGN AND DRAFTING FOR ARCHITECTURE 2 (PAIRED)	1.0	3.0	2.0	DRAW041P	None
SS038	THE LIFE AND WORKS OF JOSE RIZAL	3.0	-	3.0	None	None	PE024	PHYSICAL ACTIVITY TOWARDS HEALTH AND FITNESS 2	-	2.0	(2.0)	PE023	None
PE023	PHYSICAL ACTIVITY TOWARDS HEALTH AND FITNESS 1	-	2.0	(2.0)	PE022	None		TOTAL	15.0	20.0	21.0		
	TOTAL	17.0	20.0	22.0									

#### OURTH YEAR

	FIRST SEMESTER													
CODE	TITLE	LEC HRS	LAB HRS	UNITS	PREREQUISITES	CO-REQUISITES	с							
AR106P-1	ARCHITECTURAL DESIGN 7: COMMUNITY ARCHITECTURE AND URBAN DESIGN (PAIRED)	1.0	12.0	5.0	AR105P-1	None	AR10							
AR134P-1	BUILDING TECHNOLOGY 5: ALTERNATIVE BUILDING CONSTRUCTION SYSTEMS (PAIRED)	2.0	3.0	3.0	AR133P-1	None	AR13							
AR135-1	THEORY OF STRUCTURES	3.0	-	3.0	CE104-3	None	AR16							
AR162-1	PLANNING 2: FUNDAMENTALS OF URBAN DESIGN AND COMMUNITY ARCHITECTURE	3.0	-	3.0	AR161-1	None	AR18							
AR182	PROFESSIONAL PRACTICE 2: ADMINISTERING THE REGULAR SERVICES OF THE ARCHITECT	3.0	-	3.0	AR181	None	AREL							
RES101-1	METHODS OF RESEARCH FOR AR	3.0		3.0	ENG024	None	AREL							
	TOTAL	15.0	15.0	20.0										

	SECOND SEMESTER													
CODE	TITLE	LEC HRS	LAB HRS	UNITS	PREREQUISITES	CO-REQUISITES								
R107P-1	ARCHITECTURAL DESIGN 8: DESIGN OF COMPLEX STRUCTURES (PAIRED)	1.0	12.0	5.0	AR106P-1	None								
R136-1	STEEL AND TIMBER DESIGN	3.0		3.0	AR135-1	None								
R163-1	PLANNING 3: INTRODUCTION TO URBAN AND REGIONAL PLANNING	3.0	-	3.0	AR162-1	None								
R183	PROFESSIONAL PRACTICE 3: GLOBAL PRACTICE FOR THE 21ST CENTURY	3.0	-	3.0	AR182	None								
RELEC01	AR ELECTIVE 1	3.0	-	3.0	None	None								
RELECO2	AR ELECTIVE 2	3.0	-	3.0	None	None								
	TOTAL	16.0	12.0	20.0										

	SUMMER					
CODE	TITLE	LEC HRS	LAB HRS	UNITS	PREREQUISITES	CO-REQUISITES
AR199R-1	AR PRACTICUM	-	20.0	3.0	AR105P-1, HUM039	None
	TOTAL	0.0	20.0	3.0		

#### FIFTH YEAR

FIFTH YEA	R										
FIRST SEMESTER											
CODE	TITLE	LEC		UNITS	PREREQUISITES	CO-REQUISITES					
AR137-1	ARCHITECTURAL STRUCTURES	3.0	-	3.0	AR136-1	None					
AR171-1	HOUSING	2.0	-	2.0	AR162-1, AR181	None					
AR184	BUSINESS MANAGEMENT AND APPLICATION FOR ARCHITECTS 1	3.0	-	3.0	AR183	None					
AR200P-2	ARCHITECTURE DESIGN 9: THESIS RESEARCH WRITING (PAIRE	1.0	12.0	5.0	RES101-1, AR107P-1	None					
ARELEC03	AR ELECTIVE 3	3.0	-	3.0	None	None					
GEELEC02	GE ELECTIVE 2	3.0	-	3.0	None	None					
AR198	AR CORRELATION 1	6.0		(1.0)	MATH027-1, CE104-3	None					
	TOTAL	21.0	12.0	19.0							

	SECOND SEMESTE					
CODE	TITLE	LEC		UNITS	PREREQUISITES	CO-REQUISITES
AR185	BUSINESS MANAGEMENT AND APPLICATION FOR ARCHITECTS 2	3.0	-	3.0	AR183	None
AR191F	ARCHITECTURE SEMINAR	-	3.0	1.0	AR107P-1, AR137-1	None
AR200P-3	ARCHITECTURE DESIGN 10 - THESIS RESEARCH APPLICATION (PAIRED)	1.0	12.0	5.0	AR200P-2	None
ARELEC04	AR ELECTIVE 4	3.0	-	3.0	None	None
AR198-1	AR CORRELATION 2	6.0		(1.0)	AR198, AR107P-1, AR137-1	None
	TOTAL	13.0	15.0	12.0		

### Required Units of Electives : 12 units

CODE	TITLE	LEC	LAB	UNITS	PREREQUISITES	CO-REQUISITES
		HRS	HRS		-	-
AR138-1	CONSTRUCTION MANAGEMENT	3.0	-	3.0	AR183	None
AR138-2	FACILITIES/ BUILDING ADMINISTRATION	3.0	-	3.0	AR142P	None
AR138-3	GREEN BUILDING	3.0	-	3.0	AR162-1	None
AR138-4	URBAN DESIGN	3.0	-	3.0	AR163-1	None
AR138-5	COMMUNITY PLANNING DEVELOPMENT	3.0	-	3.0	AR162-1	None
AR138-6	ARCHITECTURAL PHOTOGRAPHY	3.0	-	3.0	AR114P	None
AR138-7	ARTIFICIAL INTELLIGENCE	3.0	-	3.0	AR183	None
AR194	SPECIAL TOPICS IN ARCHITECTURE	3.0	-	3.0	None	None
AENG004	AQUACULTURE ENGINEERING	3.0	-	3.0	None	None
AENG005	PLANT AND LIVESTOCK SYSTEMS AND ENVIRONMENTAL CONTROL	3.0	-	3.0	None	None
AENG006	AB STRUCTURES ENGINEERING	3.0	-	3.0	None	None
AENG007	AB WASTE MANAGEMENT ENGINEERING	3.0	-	3.0	None	None

#### GENERAL EDUCATION ELECTIVE TITLE 2020

TITLE	LEC	LAB	UNITE	DEFECTIVE	CO-REQUISITES
IIILE	HRS	HRS	UNITS	PREREQUISITES	CO-REQUISITES
ENVIRONMENTAL SCIENCE	3.0		3.0	None	None
PEOPLE AND THE EARTH'S ECOSYSTEM	3.0	•	3.0	None	None
THE ENTREPRENEURIAL MIND	3.0	•	3.0	None	None
PHILIPPINE POPULAR CULTURE	3.0	•	3.0	None	None
INDIGENOUS CREATIVE CRAFTS	3.0	•	3.0	None	None
READING VISUAL ART	3.0	•	3.0	None	None
GREAT BOOKS	3.0	•	3.0	None	None
RELIGIONS, RELIGIOUS EXPERIENCES AND SPIRITUALITY	3.0	-	3.0	None	None
GENDER AND SOCIETY	3.0	-	3.0	None	None
	PEOPLE AND THE EARTH'S ECOSYSTEM THE ENTREPRENEURIAL MIND PHILIPPINE POPULAR CULTURE INDIGENOUS CREATIVE CRAFTS READING VISUAL ART GREAT BOOKS RELIGIONS, RELIGIOUS EXPERIENCES AND SPIRITUALITY	TITLE HRS   ENVIRONMENTAL SCIENCE 3.0   PROPIE AND THE EARTH'S ECOSYSTEM 3.0   THE ENTREPRENEURIAL MIND 3.0   PHILIPPINE POPULAR CULTURE 3.0   INDIGENOUS CREATIVE CRAFTS 3.0   READING VISUAL ART 3.0   GREAT BOOKS 3.0   RELIGIONS, RELIGIOUS EXPERIENCES AND SPIRITUALITY 3.0	TITLE HRS HRS   ENVIRONMENTAL SCIENCE 3.0 -   PEOPLE AND THE EARTH'S ECOSYSTEM 3.0 -   THE ENTREPRENEURIAL MIND 3.0 -   PHILIPPINE POPULAR CULTURE 3.0 -   INDIGENOUS CREATIVE CRAFTS 3.0 -   READING VISUAL ART 3.0 -   GREAT BOOKS 3.0 -   RELIGIONS, RELIGIOUS EXPERIENCES AND SPIRITUALITY 3.0 -	TITLE HRS HRS UNTS   ENVIRONMENTAL SCIENCE 3.0 - 3.0 - 3.0   PROPIE AND THE EARTH'S ECOSYSTEM 3.0 - 3.0 - 3.0   THE ENTREPRENEURIAL MIND 3.0 - 3.0 - 3.0   PHILIPPINE POPULAR CULTURE 3.0 - 3.0 - 3.0   INDIGENOUS CREATIVE CRAFTS 3.0 - 3.0 - 3.0   READING VISUAL ART 3.0 - 3.0 - 3.0   RELIGIONS, RELIGIOUS EXPERIENCES AND SPIRITUALITY 3.0 - 3.0	TITLE HRS UNITS PREREQUISTES   ENVIRONMENTAL SCIENCE 3.0 3.0 3.0 None   PEOPLE AND THE EARTH'S ECOSYSTEM 3.0 - 3.0 None   THE ENTREPRENEURIAL MIND 3.0 - 3.0 None   PHILIPPINE POPULAR CULTURE 3.0 - 3.0 None   INDIGENOUS CREATIVE CRAFTS 3.0 - 3.0 None   READING VISUAL ART 3.0 - 3.0 None   RELIGIONS, RELIGIOUS EXPERIENCES AND SPIRITUALITY 3.0 - 3.0 None

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

- 20.0 3.0	
TOTAL 0.0 20.0 3.0	