

UNIVERSITY OF THE PHILIPPINES MINDANAO

BS Architecture Curriculum (2018)

First Year First Semester

Course	Subject	Units	Pre-requisites
ARCH 101	Architectural Communication I: Mechanical Drawing	3	
ARCH 102	Architectural Communication II: Freehand Drawing	2	
ARCH 110	Architectural Design I: Foundations of Design	2	
MATH 17	Algebra and Trigonometry	5	
GE 1		3	
NSTP 1		(3)	
PE 1		(2)	
		15	

First Year Second Semester

Course	Subject	Units	Pre-requisites
ARCH 103	Architectural Communication III: Formal Presentation Techniques	2	ARCH 102
ARCH 104	Architectural Communication IV: Perspective, Visualization and Representation	2	ARCH 101, ARCH 102
ARCH 116	History, Theory and Criticism I: Introduction to Architecture	2	
ARCH 120	Architectural Design II: Design and Intra-Personal Spaces	2	ARCH 110
GE 2		3	
GE 3		3	
GE 4		3	
NSTP 2		(3)	
PE 2/4		(2)	
		17	

Second Year First Sem

Course	Subject	Units	Pre-requisites
ARCH 105	Architectural Communication V: Advanced Communication and Presentation Techniques	2	ARCH 103, ARCH 104
ARCH 117	History, Theory and Criticism II: Philippine Architecture	2	ARCH 116
ARCH 121	Architecture Design III: Design and Inter-Personal Spaces	3	ARCH 120, ARCH 116
ARCH 185	Design with Nature: Tropical Design	2	2 nd Year Standing
MATH 36	Analytical Geometry and Calculus I	5	MATH 14 or MATH 17
PHYS 71	Elementary Physics I	4	Coreq: MATH 36
PHYS 71.1	Elementary Physics I Laboratory	1	Coreq: PHYS 71
PE 2/4		(2)	
		19	

Second Year Second Semester

Course	Subject	Units	Pre-requisites
ARCH 118	History, Theory and Criticism III: Architecture of Asia and the Pacific	2	ARCH 117
ARCH 122	Architectural Design IV: Design and Social Space	3	ARCH 121
ARCH 123	Building Construction I: Materials of Building Technology	2	2 nd Year Standing
MATH 37	Mathematical Analysis II	5	MATH 36
PHYS 72	Elementary Physics II	4	PHYS 71
PHYS 72.1	Elementary Physics II Laboratory	1	PHYS 71.1
PE 2/4		(2)	
		17	

Third Year First Semester

Course	Subject	Units	Pre-requisites
ARCH 119	History, Theory and Criticism IV: World Architecture	2	ARCH 118
ARCH 124	Building Construction II: Simple Structures	2	ARCH 101 , ARCH 123
ARCH 126	Architectural Structures I: Statics of Rigid Bodies	2	MATH 14 or MATH 17, PHYS 71
ARCH 131	Architecture Design V: Site Context and Architecture	3	Prereq: ARCH 122; Coreq: ARCH 160
ARCH 156	Practice and Governance I: Building Laws	2	3 rd Year Standing
ARCH 175	Basic Research Methods in Architecture	2	2 nd Year Standing
ARCH 160	Planning an Urban Design I: Site Planning & Landscape Architecture	3	Coreq: GE 11, ARCH 131
GE 11	Elementary Surveying	2	MATH 14 or MATH 17
		18	

Third Year Second Semester

Course	Subject	Units	Pre-requisites
ARCH 127	Architectural Structures II: Strength of Materials	2	ARCH 126
ARCH 132	Architectural Design VI: Architecture, Technology, and the Environment	3	ARCH 131
ARCH 133	Building Construction III: Complex Structures	2	ARCH 124
ARCH 135	Building Utilities I: Plumbing and Sanitary Services in Buildings	2	PHYS 71, ARCH 124
GE 5		3	
GE 6		3	
Specialization Course 1		3	
		18	

Certificate of Building Technology

Fourth Year First Semester

Course	Subject	Units	Pre-requisites
ARCH 106	Architectural Communication VI: Basic Computer-Aided Drafting and Design	2	ARCH 101 & ARCH 105
ARCH 136	Building Utilities II: Mechanical and Electrical Systems in Buildings	2	PHYS 72, MATH 37
ARCH 141	Architectural Design VII: Advanced Technology and High-Rise Structures	4	Prereq: ARCH 132 Coreq: ARCH 171, ARCH 136
ARCH 143	Building Utilities III: Architectural Lighting	2	PHYS 72
ARCH 171	Architectural Structures III: Determinate Structures	2	ARCH 127
GE 7		3	
Specialization Course 2		3	
		18	

Certificate of Proficiency on Basic CADD

Fourth Year Second Semester

Course	Subject	Units	Pre-requisites
ARCH 142	Architectural Design VIII: Community Design Development	4	ARCH 141, ARCH 175
ARCH 144	Building Utilities IV: Architectural Acoustics	2	Phys 72
ARCH 107	Architectural Communication VII: Basic Computer-Aided 3D Modeling, Rendering and Animation	2	ARCH 106
ARCH 134	Building Construction IV: Building Systems and Technology	2	ARCH 133
ARCH 172	Architectural Structures IV: Indeterminate Structures	2	ARCH 171
GE 8		3	
Specialization Course 3		3	
		18	

Certificate of Proficiency on Basic Computer-aided 3D Modeling Rendering and Animation

Fifth Year First Semester

Course	Subject	Units	Pre-requisites
ARCH 191	Architectural Design IX: Research Project in Architecture	4	5 th Year Standing
ARCH 157	Practice and Governance II: Regular Services of the Architect	2	ARCH 156
ARCH 145	Building Utilities V: Health and Safety of Buildings	2	ARCH 135, ARCH 136, ARCH 156
ARCH 159	Practice and Governance IV: Finance, Taxation, Civics, and Land Reform for Architects	2	ARCH 156
ARCH 173	Architectural Structures V: Concrete Structures	2	ARCH 172
GE 9		3	
		15	

Fifth Year Second Semester

Course	Subject	Units	Pre-requisites
ARCH 192	Architectural Design X: Architectural Design Project	4	ARCH 191, ARCH 172, ARCH 173
ARCH 158	Practice and Governance III: Comprehensive Services of the Architect	2	ARCH 157
GE 10		3	
Elective		3	
PI 100	Life and Works of Jose Rizal	3	3 rd Year Standing
		15	

Total Units: 170

Required GE: STS 1, MinStud 1, MATH 10, KAS 1, ARTS 1, ETHICS 1

2nd Year Standing= student must have completed all major architectural courses offered in the first 2 semesters in the curriculum.

3rd Year Standing = student must have completed all major architectural courses offered in the first 4 semesters in the curriculum, except for PI 100 which require 69 units earned...

5th Year Standing (Thesis Candidate) = student must have completed all major architectural courses offered in the first 4 years of the curriculum.

Certificate of Building Technology is awarded to the student after completing a total of 101 units (43 = GE, Cognate & foundation courses; 58 all required major architecture courses offered in the first six semesters of the program)

Certificate of Proficiency on Basic CADD is awarded to the student after completing ARCH 106.

Certificate of Proficiency on Basic Computer-Aided 3D Modeling, Rendering and Animation is awarded to the student after completing ARCH 107.

Elective (or Free Elective) can be taken from the following areas: English, Communication Arts, Industrial Design, Computer Science, Anthropology, Social Science, Business and Economics and other related courses advised by the Program.

Specialization Courses and Prerequisite:

ARCH 161	ARCH 160
ARCH 162	ARCH 161
ARCH 163	ARCH 161

Retention Policy:

- Existing University policies and the following additional provision:
= A BS Architecture student who fails thrice in any foundation course or twice in any major course during the first two Academic Years will be advised to shift or transfer to another program or school.

CONFORME: _____

Signature over printed name