TIPM REG-177

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TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES Manila

2023 CURRICULUM FOR BACHELOR OF SCIENCE IN ARCHITECTURE (BSARCH)

IMPORTANT: REGISTRATION IN ANY COURSES WITHOUT ALL THE PREREQUISITES, CORRECT SEQUENCE AND AUTHORIZED LOAD SHALL NOT BE GIVEN ANY CREDIT REGARDLESS OF THE GRADE OBTAINED. EVALUATION IS TENTATIVE AND MAY BE REVISED FOR SOME VALID CAUSES OR REASONS OR IF OMISSIONS AND/OR LACK OF UNITS CREDITED BE DISCOVERED LATER.

		Student's Name		nature	,	, , ,		
COURSE CODE		DESCRIPTIVE TITLE	SEMESTER (21 UNITS)					
		FIRST YEAR, FIRST SE	MEST	ER (21	UNIT	S		
GEC	T004	Mathematics in the Modern World	3	0	3			
GEE	001B	GE Elective 1 - Gender and Society	3	0	3			
GEC	006	Art Appreciation	3	0	3			
AR	101	Architectural Design 1	1	3	2			
AR	111	Theory of Architecture 1	2	3	3			
AR	131	Architectural Visual Communication 1	1	6	3			
AR	132	Architectural Visual Communication 2	1	3	2			
PE	001	Physical Activities Toward Health & Fitness 1 (PATHFit 1)	2	0	2			
NSTP	001	National Service Training Program 1	(3)	0	(3)			
	144.	FIRST YEAR, SECOND S		TER (TS)		
MATH	016	Solid Mensuration	2	0	2			
GEE	002B	GE Elective 2 - Living in the IT Era	3	0	3	GEE 001B (P)		
AR	102	Architectural Design 2	1	3	2	AR 101 (P), AR 111 (P)		
AR	112	Theory of Architecture 2	2	3	3	AR 111 (P)		
AR	114	History of Architecture 1	3	0	3			
AR	113	Architectural Interiors	2	3	3	AR 111 (P)		
AR	135	Architectural Visual Communication 3	1	6	3	AR 131 (P)		
AR	134	Architectural Visual Communication 4	1	3	2	AR 132 (P)		
PE	002	Physical Activities Toward Health & Fitness 2 (PATHFit 2)	2	0	2	PE 001 (P)		
NSTP	002	National Service Training Program 2	(3)	0	(3)	NSTP 001 (P)		
111011	1002	SECOND YEAR, FIRST						
MATH	020	Differential and Integral Calculus	3	0	3			
GEE	007	GE Elective 3 - Indigenous Creative Crafts	3	0	3	GEE 002B (P)		
GEC	001	Understanding the Self	3	0	3	0==00==(1)		
AR	201	Architectural Design 3	1	6	3	AR 102 (P), AR 112 (P), AR 113 (P)		
AR	221	Building Technology 1	3	0	3	AR 102 (P)		
AR	225	Building Utilities 1	2	3	3	AR 102 (P)		
AR	211	History of Architecture 2	3	0	3	AR 114 (P)		
AR	235	Architectural Visual Communication 5	1	3	2	AR 134 (P)		
PE	003	Physical Activities Toward Health & Fitness 3 (PATHFit 3)	2	0	2	PE 002 (P)		
		SECOND YEAR, SECOND						
GEC	002	Readings in Philippine History	3	0	3	T*		
AR	202	Architectural Design 4	1	6	3	AR 201 (P), AR 221 (P)		
. AR	222	Building Technology 2	2	3	3	AR 221 (P), AR 225 (P)		
AR	203	Tropical Design	2	0	2	AR 201 (P)		
AR	212	History of Architecture 3	3	0	3	AR 211 (P)		
AR	226	Building Utilities 2	2	3	3	AR 225 (P)		
ARSC	223	Statics of Rigid Bodies	3	0	3			
SURV	002F1	Surveying	2	3	3	MATH 016 (P)		
PE	004	Physical Activities Toward Health & Fitness 4 (PATHFit 4)	2	0	2	PE 003 (P)		
, -	100.	THIRD YEAR, FIRST S						
GEC	005	Purposive Communication	3	0	3			
GEC	003	The Contemporary World	3	0	3	<u> </u>		
AR	301	Architectural Design 5	1	9	4	AR 202 (P), AR 222 (P), AR 225 (P)		
AR	321	Building Technology 3	2	3	3	AR 222 (P), AR 226 (P)		
AR	311	History of Architecture 4	3	0	3	AR 212 (P)		
AR	341	Professional Practice 1	3	0	3	AR 202 (P)		
CADD	331	Computer-Aided Design and Drafting for Architecture 1	1	3	2	AR 222 (P), AR 235 (P)		
ARSC	313	Strength of Materials	3	0	3	ARSC 223 (P)		
1. 11.00	10.0	THIRD YEAR, SECOND				ITS)		
GEC	008	Ethics	3	0	3	T		
AR	302	Architectural Design 6	1	9	4	AR 301 (P), AR 321 (P), AR 341 (P)		
AR	322	Building Technology 4	2	3	3	AR 321 (P)		
AR	324	Building Utilities 3	2	3	3	AR 226 (P)		
AR	351	Planning 1	3	0	3	AR 203 (P), SURV 002F1 (P)		
CADD	332		1	-	_	CADD 331 (P)		
		Computer-Aided Design and Drafting for Architecture 2		3	2			
AR	312	Field Trips and Seminars for Architecture	2	0	2	AR 212 (P), AR 221 (P)		
ARSC	323	Theory of Structures	3	0	3	ARSC 313 (P)		

| 323 | Theory of Structures | 3 | 0 | 3 | ARSC 313 (P)

Certificate in CADD shall be granted after completion of all prescribed courses from 1st year - 1st semester to 3rd year - 2nd semester

COURSE C	ODE	DESCRIPTIVE TITLE	PREREQUISITE(S)				
		FOURTH YEAR, FIR	ST SEMES	TER (23 UNIT	(S)	
GEC	007	Science, Technology and Society	3	0	3		
AR	401	Architectural Design 7	1	12	5	AR 302 (P), AR 322 (P), AR 351 (P)	
AR	441	Professional Practice 2	3	0		AR 341 (P)	
AR	451	Planning 2	3	0	3	AR 351 (P)	
AR	491	Research Methods for Architecture	3	0	3	AR 202 (P)	
AR	421	Building Technology 5	2	3	3	AR 321 (P)	
ARSC	433	Steel and Timber Design	3	0	3	ARSC 323 (P)	

Certificate in Building Technology and Utilities shall be granted after completion of all prescribed courses

from 1st year - 1st semester to 4th year - 1st semester

		FOURTH YEAR, S	ECOND SEME	STER	(23 UN	NITS)
GEM	001	Life and Works of Rizal	3	0	3	
AR	402	Architectural Design 8	1	12	5	AR 401 (P), AR 451 (P), ARSC 323 (P)
AR	442	Professional Practice 3	3	0	3	AR 441 (P)
AR	452	Planning 3	3	0	3	AR 451 (P)
AR	492	Specialization 1	3	0	3	AR 401 (P)
AR	495	Integration Course for Architecture 1	2	3	3	AR 401 (P), AR 441 (P), AR 451 (P), AR 421 (P)
ARSC	443	Architectural Structures	3	0	3	ARSC 433 (P)

No student shall be allowed to take Fifth Year Professional Courses

Unless he/she has COMPLETED the Basic and the Third Year Courses including PF and NSTP

	FIFTH YEAR, FIF	RST SEMES	TER (1	6 UNIT	S)
AR 501	Architectural Design 9	1	12	5	AR 402 (P), AR 491 (P)
AR 551	Housing	2	0	2	AR 451 (P)
AR 541	Business Management and Application for Architecture	1 3	0	3	AR 442 (P)
AR 591	Specialization 2	2	3	3	AR 492 (P), ARSC 443 (P)
AR 595	Integration Course for Architecture 2	2	3	3	AR 495 (P), AR 402 (P), AR 442 (P), AR 452 (P), ARSC 443 (F)
	FIFTH YEAR, SEC	OND SEME	TER (13 UNI	TS)
AR 502	Architectural Design 10	1 1	12	5	IAR 501 (P)
AR 542	Business Management and Application for Architecture	2 3	0	3	AR 541 (P)
AR 592	Specialization 3	2	3	3	AR 591 (P)
AR 596	Architectural Internship (200 hours)	0	6	2	AR 402 (P), AR 421 (P), CADD 332 (P)
	TION COURSES: 9 Credit Units IDENT MAY CHOOSE ANY OF THE TRACK ELECTIVES E	RELOW AND	ONCE	ATD	ACK ELECTIVE IS CHOSEN
ALLC	OURSES IN THE TRACK MUST BE TAKEN.	DELOW AND	ONCE	AIN	ACK ELECTIVE IS CHOSEN,
	struction Management				
	Specialization 1: Principles of Construction Management	nt	Г		
AR 492	Planning and Scheduling	", 3	0	3	AR 401 (P)
AR 591		2	3	3	AR 492A (P), ARSC 443 (P)
AR 592	Specialization 3: Construction Safety and Risk Manage		3	3	AR 591A (P)
Track 2: Envi	ronmental Planning				
AR 492	Specialization 1: Introduction to Environmental Planning the Planning Process	g and 3	0	3	AR 401 (P)
AR 591		2	3	3	AR 492B (P), ARSC 443 (P)
40 500	Specialization 3: Special Problems for Urban and Regional	nal			
AR 592	Planning	2	3	3	AR 591B (P)
Track 3: Heri	age Conservation				
AR 4920	Specialization 1: Introduction to Architectural Heritage Conserv	ation 3	0	3	AR 401 (P)
AR 5910	Specialization 2: Heritage Conservation Techniques and Mater		3	3	AR 492C (P), ARSC 443 (P)
AR 5920	Specialization 3: Heritage Conservation Management Planni	ng 2	3	3	AR 591C (P)
Track 4: Qua	tity Surveying	-	Ť	<u> </u>	74.0010 (1)
QS 001	Design Economics and Cost Planning	2	3	3	AR 322 (P), AR 401 (P)
QS 003	Procurement and Tendering in Construction	3	0	3	
QS 004	Contract Practice and Administration including Cost Repor			_	
	Contract Practice and Administration including Cost Report TOTAL NO. OF L	ting 3	0	3	QS 001 (P), ARSC 443 (P) QS 003 (P)