College of Engineering and Architecture

Valid for 1st, 2nd Semester & Summer SY 2023-2024

BACHELOR OF SCIENCE IN ARCHITECTURE
Effective 1st Semester, SY 2023-2024
Per CMO No. 61, s. 2017 and BOT Referendum No. 16, s. 2023

FIRST YEAR

FIRST SEMESTER		No. of Units			Total Units	Pre/Co-Requisite(s)	
Code	Descriptive Title	Lec	Lab	Studio			
ARCH 111	Architectural Design 1- Introduction to Design	2	0	1	3	None	None
AVC 111	Architectural Visual Communications 1 - Graphics 1	1	0	2	3	None	None
AVC 112	Architectural Visual Communications 2 - Visual Techniques 1	1	0	1	2	None	None
TOA 111	Theory of Architecture 1	1	0	1	2	None	None
HOA 111	History of Architecture 1	2	0	0	2	None	None
EM 110	Fundamentals of Engineering Mathematics	4	0	0	4	None	None
MATH 111	Solid Mensuration	2	0	0	2	None	None
GE 1	Understanding the Self	3	0	0	3	None	None
PE 1	Physical Activities toward Health and Fitness 1 (PATHFit 1): Movement Competency Training	2	0	0	2	None	None
NSTP 1	National Service Training Program 1	3	0	0	3	None	None
	TOTAL	21	0	5	26		

SECOND SEMESTER		No. of Units			Total Units	Pre/Co-Requisite(s)	
Code	Descriptive Title	Lec	Lab	Studio			
ARCH 122	Architectural Design 2- Creative Design and Fundamentals	2	0	1	3	ARCH 111 TOA 111	None
BT 121	Building Technology 1 - Building Materials	3	0	0	3	None	None
AI 121	Architectural Interiors	1	0	1	2	TOA 111	BT 121
AVC 123	Architectural Visual Communications 3 - Graphics 2	1	0	2	3	AVC 111	None
AVC 124	Architectural Visual Communications 4 – Visual Techniques 2	1	0	1	2	AVC 112	None
TOA 122	Theory of Architecture 2	2	0	0	2	TOA 111	None
MATH 122	Differential and Integral Calculus	3	0	0	3	MATH 111	None
GE 6	Art Appreciation	3	0	0	3	None	None
PE 2	Physical Activities toward Health and Fitness 2 (PATHFit 2): Exercise-Based Fitness Activities	2	0	0	2	PE 1	None
NSTP 2	National Service Training Program 2	3	0	0	3	NSTP 1	None
	TOTAL	21	0	5	26		

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SECOND YEAR

FIRST SEMESTER		**No. of Units**			**Total Units**	**Pre/Co-Requisite(s)**	
Code	Descriptive Title	Lec	Lab	Studio			
ARCH 213	Architectural Design 3- Creative Design in Architectural Interiors	1	0	2	3	ARCH 122 TOA 122 AI 121	None
BU 211	Building Utilities 1 - Plumbing and Sanitary System	2	0	1	3	None	None
AVC 215	Architectural Visual Communications 5 – Visual Techniques 3	1	0	1	2	AVC 124	None
TD 211	Tropical Design	2	0	0	2	None	None
HOA 212	History of Architecture 2	2	0	0	2	HOA 111	None
NS 122	Physics	3	1	0	4	None	None
GE 4	Mathematics in the Modern World	3	0	0	3	None	None
GE 2	Readings in Philippine History	3	0	0	3	None	None
GE 5	Purposive Communication	3	0	0	3	None	None
PE 3	Physical Activities toward Health and Fitness 3 (PATHFit 3): Menu of Dance, Sports, Martial Arts, Group Exercise, Outdoor and Adventure Activities	2	0	0	2	PE 2	None
	TOTAL	**22**	**1**	**4**	**27**		

SECOND SEMESTER		**No. of Units**			**Total Units**	**Pre/Co-Requisite(s)**	
Code	Descriptive Title	Lec	Lab	Studio			
ARCH 224	Architectural Design 4- Space Planning 1	1	0	2	3	ARCH 213	PP 221
HOA 223	History of Architecture 3	2	0	0	2	HOA 212	None
BT 222	Building Technology 2 - Construction Drawings in Wood, Steel and Concrete (1-Storey)	2	0	1	3	BT 121 BU 211	None
PP 221	Professional Practice 1 (Laws Affecting the Practice of Architecture)	3	0	0	3	None	None
MECH 211	Statics of Rigid Bodies	3	0	0	3	NS 122	None
CE 221	Surveying	2	1	0	3	None	None
GE 8	Ethics	3	0	0	3	None	None
PE 4	Physical Activities toward Health and Fitness 4 (PATHFit 4): Menu of Dance, Sports, Group Exercise, Outdoor and Adventure Activities	2	0	0	2	PE 3	None
	TOTAL	**18**	**1**	**3**	**22**		

Note: Certificate in Drafting Technology shall be granted upon completion of all prescribed courses from 1st year -1st semester to 2nd year-2nd semester.

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THIRD YEAR

FIRST SEMESTER		No. of Units			Total Units	Pre/Co-Requisite(s)	
Code	Descriptive Title	Lec	Lab	Studio			
ARCH 315	Architectural Design 5 - Space Planning 2	1	0	3	4	ARCH 224	None
BU 312	Building Utilities 2 (BU 2) – Electrical, Electronics and Mechanical Systems	2	0	1	3	BU 211	None
CADD 311	Computer - Aided Design and Drafting for Architecture 1	1	2	0	3	AVC 215	None
BT 313	Building Technology 3 - Construction Drawings in Wood, Steel and Concrete (2-Storey Residential Structure)	2	0	1	3	BT 222, BU 211	BU 312
HOA 314	History of Architecture 4	2	0	0	2	HOA 223	None
PP 312	Professional Practice 2 (Administering the Regular Services of the Architect)	3	0	0	3	PP 221	None
CE 312	Strength of Materials	3	0	0	3	CE 211	None
	TOTAL	14	2	5	21		

SECOND SEMESTER		No. of Units			Total Units	Pre/Co-Requisite(s)	
Code	Descriptive Title	Lec	Lab	Studio			
ARCH 326	Architectural Design 6- Site Development Planning and Landscaping	1	0	3	4	ARCH 315	None
CADD 322	Computer-Aided Design and Drafting for Architecture 2/BIM	1	2	0	3	CADD 311	None
BT 324	Building Technology 4 - Specification Writing and Quantity Surveying	2	0	1	3	BT 313 BU 312	BU 323
BU 323	Building Utilities 3 (BU 3) - Acoustics and Lighting Systems	2	0	1	3	BU 312	None
PLA 321	Planning 1- Site Planning and Landscape Architecture	3	0	0	3	CE 221 TD 211	None
CE 323	Theory of Structures for Architects	3	0	0	3	CE312	None
GE 9	Life and Works of Rizal	3	0	0	3	None	None
	TOTAL	15	2	5	22		

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

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FOURTH YEAR

FIRST SEMESTER		No. of Units			Total Units	Pre/Co-Requisite(s)	
Code	Descriptive Title	Lec	Lab	Studio			
ARCH 417	Architectural Design 7- Community Architecture and Urban Design	1	0	4	5	ARCH 326	None
BT 415	Building Technology 5 - Alternative Building Construction Systems	2	0	1	3	BT 313	None
PLA 412	Planning 2 - Fundamentals of Urban Design and Community Architecture	3	0	0	3	PLA 321	None
RMA 411	Research Methods for Architecture	3	0	0	3	4th year standing	None
PP 413	Professional Practice 3 (Global Practice in the 21st Century)	3	0	0	3	PP 312	None
CE 414	Steel and Timber Design	3	0	0	3	CE 323	None
GE 3	The Contemporary World	3	0	0	3	None	None
	TOTAL	**18**	**0**	**5**	**23**		

Note: Certificate in Building Technology and Utilities shall be granted after completion of all prescribed courses from 1st semester to 4th year - 1st semester.

SECOND SEMESTER		No. of Units			Total Units	Pre/Co-Requisite(s)	
Code	Descriptive Title	Lec	Lab	Studio			
ARSP 421	*Specialization 1 (Community Planning Development)	3	0	0	3	ARCH 417	None
PLA 423	Planning 3 - Introduction to Urban and Regional Planning	3	0	0	3	PLA 412	None
ARCH 428	Architectural Design 8- Design of Complex Structures	1	0	4	5	ARCH 417, 4th year standing	None
GE 7	Science Technology and Society	3	0	0	3	None	None
LIT 1	World Literature	3	0	0	3	None	None
	TOTAL	**13**	**0**	**4**	**17**		

SUMMER		No. of Units			Total Units	Pre/Co-Requisite(s)	
Code	Descriptive Title	Lec	Lab	Studio			
OJT	Internship (OJT)/ Industry Immersion (200 Hours)	0	0	3	3	All courses in 1st year - 4th year level	None
	TOTAL	**0**	**0**	**3**	**3**		

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FIFTH YEAR

FIRST SEMESTER		No. of Units			Total Units	Pre/Co-Requisite(s)	
Code	Descriptive Title	Lec	Lab	Studio	Total Units	Pre/Co-Requisite(s)	
ARCH 519	Architectural Design 9- Thesis Research Writing	1	0	4	5	All courses in 1st year - 4th year level	None
ARST 511	Architectural Structures	3	0	0	3	CE 414	None
HSNG 514	Housing	2	0	0	2	PP 221	None
BMA 511	Business Management and Application for Architecture 1	3	0	0	3	PP 413	ARCH 519
ARSP 512	*Specialization 2 (Project Management)	3	0	0	3	ARSP 421	None
	TOTAL	12	0	4	16		

SECOND SEMESTER		No. of Units			Total Units	Pre/Co-Requisite(s)	
Code	Descriptive Title	Lec	Lab	Studio	Total Units	Pre/Co-Requisite(s)	
ARCH 5210	Architectural Design 10- Thesis Research Application	1	0	4	5	ARCH 519	None
BMA 522	Business Management & Application for Architecture 2	3	0	0	3	BMA 511	None
ARSP 523	*Specialization 3 (Sustainable Design)	3	0	0	3	ARSP 512	None
ACC 521	Architectural Comprehensive Course	3	0	0	3	Graduating	None
	TOTAL	10	0	4	14		

SUMMARY OF UNITS PER SEMESTER

Year	First Semester	Second Semester	Summer	Total Units
First Year	26	26		52
Second Year	27	22		49
Third Year	21	22		43
Fourth Year	23	17	3	43
Fifth Year	16	14		30
			TOTAL	217 units

SUMMARY

I. General Education Courses	27
II. GEC Elective/Mandated Courses	3
III. PE 1,2,3 & 4 and NSTP 1& 2	14
IV. MAJOR COURSES	58
V. PROFESSIONAL COURSES	115

TOTAL NO. OF UNITS   **217 units**

Prepared by:

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Recommending Approval:

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Approved:

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Officer-in-Charge, Office of the President