


**TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES**  
**Quezon City**
**2018 CURRICULUM FOR BACHELOR OF SCIENCE IN ARCHITECTURE (BSARCH)**

IMPORTANT: Registration in any course/s without all the pre-requisite/s, correct sequence and authorized load shall not be given any credit regardless of the grade/s obtained.

NAME : \_\_\_\_\_ STUDENT NO : \_\_\_\_\_

	COURSE CODE		DESCRIPTIVE TITLE	LEC HOURS	LAB HOURS	CREDIT UNITS	PRE-REQUISITE(S)/CO-REQUISITE(S)
<b>FIRST YEAR, FIRST SEMESTER ( 21 UNITS )</b>							
	GEC	004	Mathematics in the Modern World	3	0	3	
	GEE	001	General Education Elective 1	3	0	3	
	GEC	006	Art Appreciation	3	0	3	
	AR	101	Architectural Design 1 - Introduction to Design	1	3	2	
	AR	111	Theory of Architecture 1	2	3	3	
	AR	131	Architectural Visual Communications 1 - Graphics 1	1	6	3	
	AR	132	Architectural Visual Communications 2	1	3	2	
	PE	001	Physical Education 1	2	0	2	
	NSTP	001	National Service Training Program 1	(3)	0	(3)	
	<b>TOTAL</b>			<b>16</b>	<b>15</b>	<b>21</b>	
<b>FIRST YEAR, SECOND SEMESTER ( 23 UNITS )</b>							
	MATH	122	Solid Mensuration	2	0	2	
	GEE	002	General Education Elective 2	3	0	3	
	AR	102	Architectural Design 2 - Creative Design Fundamentals	1	3	2	AR 101 or 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	133	Architectural Visual Communications 3 - Graphics 2	1	6	3	AR 131(P)
	AR	134	Architectural Visual Communications 4 - Visual Techniques 2	1	3	2	AR 132(P)
	PE	002	Physical Education 2	2	0	2	PE 001(P)
	NSTP	002	National Service Training Program 2	(3)	0	(3)	NSTP 001(P)
	<b>TOTAL</b>			<b>17</b>	<b>18</b>	<b>23</b>	
<b>SECOND YEAR, FIRST SEMESTER ( 25 UNITS )</b>							
	MATH	233A	Differential and Integral Calculus	3	0	3	
	GEE	003	General Education Elective 3	3	0	3	
	GEC	001	Understanding the Self	3	0	3	
	AR	201	Architectural Design 3 - Creative Design in Architectural Interiors	1	6	3	AR 102(P) AR 112(P) AR 113(P)
	AR	221	Building Technology 1 - Building Materials	3	0	3	AR 102(P)
	AR	223	Building Utilities 1 - Plumbing and Sanitary Systems	2	3	3	AR 102(P)
	AR	211	History of Architecture 2	3	0	3	AR 114(P)
	AR	235	Architectural Visual Communications 5 - Visual Techniques 3	1	3	2	AR 134(P)
	PE	003	Physical Education 3	2	0	2	PE 002(P)
	<b>TOTAL</b>			<b>21</b>	<b>12</b>	<b>25</b>	
<b>SECOND YEAR, SECOND SEMESTER ( 25 UNITS )</b>							
	GEC	002	Readings in Philippine History	3	0	3	
	AR	202	Architectural Design 4 - Space Planning 1	1	6	3	AR 201(P) AR 221(P)
	AR	222	Building Technology 2 - Construction Drawings in Wood, Steel, and Concrete (1 Storey Building)	2	3	3	AR 221(P) AR 223(P)
	AR	203	Tropical Design	2	0	2	AR 201(P)
	AR	212	History of Architecture 3	3	0	3	AR 211(P)
	AR	224	Building Utilities 2 - Electrical, Electronics and Mechanical Systems	2	3	3	AR 223(P)
	ARSC	223	Statics of Rigid Bodies	3	0	3	
	SURV	002F1	Surveying	2	3	3	MATH 122(P)
	PE	004	Physical Education 4	2	0	2	PE 003(P)



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<b>TOTAL</b>			<b>20</b>	<b>15</b>	<b>25</b>	
<b>THIRD YEAR, FIRST SEMESTER ( 26 UNITS )</b>						
GEC	005	Purposive Communication	3	0	3	
GEC	003	The Contemporary World	3	0	3	
AR	301	Architectural Design 5 - Space Planning 2	1	9	4	AR 202(P) AR 222(P) AR 223(P)
AR	321	Building Technology 3 - Construction Drawings in Wood, Steel, and Concrete (2 Storey Building)	2	3	3	AR 222(P) AR 224(P)
AR	312	Field Trips and Seminars for Architecture	2	0	2	AR 212(P) AR 221(P)
AR	311	History of Architecture 4	3	0	3	AR 212(P)
AR	341	Professional Practice 1 - Laws Affecting the Practice of Architecture	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)
<b>TOTAL</b>			<b>21</b>	<b>15</b>	<b>26</b>	
<b>THIRD YEAR, SECOND SEMESTER ( 24 UNITS )</b>						
GEC	008	Ethics	3	0	3	
AR	302	Architectural Design 6 - Site Development Planning and Landscaping	1	9	4	AR 301(P) AR 321(P) AR 341(P)
AR	322	Building Technology 4 - Specification Writing and Quantity Surveying	2	3	3	AR 321(P)
AR	323	Building Utilities 3 - Acoustics and Lighting Systems	2	3	3	AR 224(P)
AR	351	Planning 1 - Site Planning and Landscape Architecture	3	0	3	AR 203(P) SURV 002F1(P)
CADD	332	Computer-Aided Design and Drafting for Architecture 2 / BIM	1	3	2	CADD 331(P)
AR	390	Integregation Course for Architecture 1	2	3	3	AR 112(P) AR 113(P) AR 301(P) AR 311(P) AR 341(P)
ARSC	323	Theory of Structures	3	0	3	ARSC 313(P)
<b>TOTAL</b>			<b>17</b>	<b>21</b>	<b>24</b>	
<b>FOURTH YEAR, FIRST SEMESTER ( 22 UNITS )</b>						
GEC	007	Science, Technology and Society	3	0	3	
AR	401	Architectural Design 7 - Community Architecture and Urban Design	1	12	5	AR 302(P) AR 322(P) AR 351(P) AR 390(P)
AR	441	Professional Practice 2 - Administering the Regular Services of the Architect	3	0	3	AR 341(P)
AR	451	Planning 2 - Fundamentals of Urban Design and Community Architecture	3	0	3	AR 351(P)
AR	421	Building Technology 5 - Alternative Building Construction Systems	2	3	3	AR 321(P)
ARSC	433	Steel and Timber Design	3	0	3	ARSC 323(P)
AR	492	Architectural Internship	0	6	2	AR 302(P) AR 322(P) CADD 332(P)
<b>TOTAL</b>			<b>15</b>	<b>21</b>	<b>22</b>	
<b>FOURTH YEAR, SECOND SEMESTER ( 26 UNITS )</b>						
SOCS	005	Life and Works of Rizal	3	0	3	
AR	402	Architectural Design 8 - Design of Complex Structures	1	12	5	AR 401(P) AR 451(P) ARSC 323(P)
AR	491	Research Methods for Architecture	3	0	3	AR 202(P)
AR	442	Professional Practice 3 - Global Practice for the 21st Century	3	0	3	AR 441(P)
AR	452	Planning 3 - Introduction to Urban and Regional Planning	3	0	3	AR 451(P)
AR	492SP	Specialization 1	3	0	3	AR 401(P)
AR	490	Integregation Course for Architecture 2	2	3	3	AR 323(P) AR 390(P) AR 421(P) AR 441(P)
ARSC	443	Architectural Structures	3	0	3	ARSC 433(P)
<b>TOTAL</b>			<b>21</b>	<b>15</b>	<b>26</b>	
<b>FIFTH YEAR, FIRST SEMESTER ( 13 UNITS )</b>						
AR	501	Architectural Design 9 - Thesis Research Writing	1	12	5	AR 402(P) AR 490(P) AR 491(P) AR 492(P)
AR	551	Housing	2	0	2	AR 451(P)



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AR	541	Business Management and Application for Architecture 1	3	0	3	AR 442(P)
AR	591SP	Specialization 2	2	3	3	AR 492SP(P) ARSC 443(P)
<b>TOTAL</b>			<b>8</b>	<b>15</b>	<b>13</b>	
<b>FIFTH YEAR, SECOND SEMESTER ( 11 UNITS )</b>						
AR	502	Architectural Design 10 - Thesis Research Application	1	12	5	AR 501(P)
AR	542	Business Management and Application for Architecture 2	3	0	3	AR 541(P)
AR	592SP	Specialization 3	2	3	3	AR 591SP(P)
<b>TOTAL</b>			<b>6</b>	<b>15</b>	<b>11</b>	
<b>ELECTIVE COURSES</b>						
<b>TRACK 1: CONSTRUCTION MANAGEMENT</b>						
AR	492A	Specialization 1: Principles of Construction Management, Planning and Scheduling	3	0	3	AR 401(P)
AR	591A	Specialization 2: Cost Management	2	3	3	AR 492A(P) ARSC 443(P)
AR	592A	Specialization 3: Construction Safety and Risk Management	2	3	3	AR 591A(P)
<b>TOTAL</b>			<b>7</b>	<b>6</b>	<b>9</b>	
<b>TRACK 2: ENVIRONMENTAL PLANNING</b>						
AR	492B	Specialization 1: Introduction to Environmental Planning and the Planning Process	3	0	3	AR 401(P)
AR	591B	Specialization 2: Urban Design Studio	2	3	3	AR 492B(P) ARSC 443(P)
AR	592B	Specialization 3: Special Problems for Urban and Regional Planning	2	3	3	AR 591B(P)
<b>TOTAL</b>			<b>7</b>	<b>6</b>	<b>9</b>	
<b>TRACK 3: HERITAGE CONSERVATION</b>						
AR	492C	Specialization 1: Introduction to Architectural Heritage Conservation	3	0	3	AR 401(P)
AR	591C	Specialization 2: Heritage Conservation Techniques and Materials	2	3	3	AR 492C(P) ARSC 443(P)
AR	592C	Specialization 3: Heritage Conservation Management Planning	2	3	3	AR 591C(P)
<b>TOTAL</b>			<b>7</b>	<b>6</b>	<b>9</b>	
<b>TRACK 4: QUANTITY SURVEYING</b>						
QS	001	Specialization 1: Design Economics and Cost Planning	2	3	3	AR 322(P) AR 401(P)
QS	003	Specialization 2: Procurement and Tendering in Construction	3	0	3	ARSC 443(P) QS 001(P)
QS	004	Specialization 3: Contract Practice and Administration Including Cost Reporting	3	0	3	QS 003(P)
<b>TOTAL</b>			<b>8</b>	<b>3</b>	<b>9</b>	

**CREDENTIALS PRESENTED:**

- ( ) F137A ( ) NSO Birth Certificate
- ( ) F138 ( ) HD
- ( ) GMC ( ) TOR

**DEFICIENCY/IES:**

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\_\_\_\_\_

**Evaluated By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Received By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**LEGEND**

P = Pre-requisite

C = Co-requisite

NOTE: 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.