

**COLLEGE OF ARCHITECTURE, University of the Philippines, Diliman**  
**2012 BACHELOR OF SCIENCE IN ARCHITECTURE CURRICULUM**

**FIRST YEAR**

**FIRST SEMESTER**

course code	course title	lec hr	lab hr	units
(AH) Eng 10	College English	3	0	3
(SSP) Kas 1*	Kasaysayan ng Pilipinas	3	0	3
Math 11	College Algebra	3	0	3
Arch 1	Architectural Communication I: <i>Mechanical Drawing</i>	1	6	3
Arch 2	Architectural Communication II: <i>Graphic Visualization &amp; Representation Techniques</i>	0	9	3
Arch 10	Architectural Design I: <i>Foundations of Design</i>	1	3	2
PE				(2)
<b>total units</b>		<b>11</b>	<b>18</b>	<b>17</b>

**SECOND SEMESTER**

course code	course title	lec hr	lab hr	units
(AH) Comm 3	Practical Speech Fundamentals	3	0	3
(AH) Fil 40*	Wika, Kultura at Lipunan	3	0	3
(SSP) Soc Sci 1	Foundations of Behavioral Sciences	3	0	3
Math 14	Plane Trigonometry	3	0	3
Arch 3	Architectural Communication III: <i>Architectural Presentation Techniques</i>	0	9	3
Arch 16	History, Theory & Criticism I: <i>Introduction to Architecture</i>	2	0	2
Arch 20	Architectural Design II: <i>Design &amp; Intra-personal Spaces</i>	1	3	2
PE				(2)
<b>total units</b>		<b>15</b>	<b>12</b>	<b>19</b>

**SECOND YEAR**

**FIRST SEMESTER**

course code	course title	lec hr	lab hr	units
(AH) GE**	(Arts & Humanities)	3	0	3
Math 53	Elementary Analysis I	5	0	5
Phys 71	Elementary Physics I	4	0	4
Phys 71.1	Elementary Physics I Laboratory	0	3	1
Arch 4	Architectural Communication IV: <i>Introduction to Computer-Aided Design &amp; Digital Visualization</i>	2	3	3
Arch 17	History, Theory & Criticism II: <i>Philippine Architecture</i>	2	0	2
Arch 21	Architectural Design III: <i>Design &amp; Inter-personal Spaces</i>	0	9	3
PE				(2)
NSTP****				(3)
<b>total units</b>		<b>16</b>	<b>15</b>	<b>21</b>

**SECOND SEMESTER**

course code	course title	lec hr	lab hr	units
(MST) Chem 1	Chemistry: Science that Matters	3	0	3
Phys 72	Elementary Physics II	4	0	4
Phys 72.1	Elementary Physics II Laboratory	0	3	1
Arch 5	Architectural Communication V: <i>Digital Visualization in Architecture</i>	0	6	2
Arch 18	History, Theory & Criticism III: <i>Architecture of Asia &amp; the Pacific</i>	2	0	2
Arch 22	Architectural Design IV: <i>Design &amp; Social Space</i>	0	9	3
Arch 23	Building Construction I: <i>Materials of Building Technology</i>	2	3	3
PE				(2)
NSTP****				(3)
<b>total units</b>		<b>11</b>	<b>21</b>	<b>18</b>

**THIRD YEAR**

**FIRST SEMESTER**

course code	course title	lec hr	lab hr	units
GE 11	Elementary Surveying	1	3	2
Arch 19	History, Theory & Criticism IV: <i>World Architecture</i>	2	0	2
Arch 24	Building Construction II: <i>Simple Frame Construction</i>	0	9	3
Arch 28	Architectural Structures III: <i>Statics &amp; Strength of Materials for Buildings</i>	3	3	4
Arch 31	Architectural Design V: <i>Site Context &amp; Architecture</i>	0	9	3
Arch 57	Practice & Governance I: <i>Building Laws</i>	3	0	3
Arch 60	Planning & Urban Design I: <i>Site Planning &amp; Landscape Architecture</i>	3	0	3
<b>total units</b>		<b>12</b>	<b>24</b>	<b>20</b>

**SECOND SEMESTER**

course code	course title	lec hr	lab hr	units
(SSP) Philo 1	Philosophical Analysis	3	0	3
Arch 171	Architectural Structures: <i>Form-Finding in Structures I</i>	3	3	4
Arch 32	Architectural Design VI: <i>Architecture, Technology &amp; the Environment</i>	0	9	3
Arch 33	Building Construction III: <i>Heavy Frame Construction</i>	0	9	3
Arch 35	Utilities I: <i>Plumbing &amp; Sanitary Services in Buildings</i>	3	0	3
Arch 55	Design with Nature: <i>Tropical Design</i>	2	0	2
Arch 75	Architectural Research: <i>Basic Research Methods in Architecture</i>	2	0	2
<b>total units</b>		<b>13</b>	<b>21</b>	<b>20</b>

**CERTIFICATE OF BUILDING TECHNOLOGY : 121 units**

**FOURTH YEAR**

**FIRST SEMESTER**

course code	course title	lec hr	lab hr	units
(MST) GE**	(Math, Science & Technology)	3	0	3
Arch 136	Utilities II: <i>Mechanical &amp; Electrical Systems of Buildings</i>	3	0	3
Arch 143	Utilities III: <i>Architectural Lighting</i>	2	3	3
Arch 161	Planning & Urban Design II: <i>Fundamentals of Urban Design &amp; Community Architecture</i>	3	0	3
Arch 172	Architectural Structures: <i>Form-Finding in Structures II</i>	3	3	4
Arch 141	Architectural Design VII: <i>Integrative Design Project I</i>	1	9	4
<b>total units</b>		<b>15</b>	<b>15</b>	<b>20</b>

**SECOND SEMESTER**

course code	course title	lec hr	lab hr	units
(SSP) GE**	(Social Science & Philosophy)	3	0	3
(MST) GE**	(Math, Science & Technology)	3	0	3
Arch 134	Building Construction IV: <i>Building Systems &amp; Technology</i>	2	3	3
Arch 147	Utilities IV: <i>Architectural Acoustics</i>	2	3	3
Arch 162	Planning & Urban Design III: <i>Introduction to Urban &amp; Regional Planning</i>	3	0	3
Arch 142	Architectural Design VIII: <i>Integrative Design Project II</i>	1	9	4
<b>total units</b>		<b>14</b>	<b>15</b>	<b>19</b>

**FIFTH YEAR**

**FIRST SEMESTER**

course code	course title	lec hr	lab hr	units
(SSP) GE**	(Social Science & Philosophy)	3	0	3
Arch 158	Practice & Governance II: <i>Professional Services of the Architect</i>	3	0	3
Arch 159	Practice & Governance III: <i>Finance, Taxation, Civics &amp; Land Reform for Architects</i>	2	0	2
Arch 163	Planning & Urban Design IV: <i>Socio-Cultural &amp; Institutional Aspects of Housing</i>	3	0	3
Arch 176	Utilities V: <i>Health &amp; Safety in Buildings</i>	2	0	2
Arch 199.1	Architectural Design IX: <i>A Comprehensive Design Project (Pre-Design to Schematic)</i>	1	9	4
<b>total units</b>		<b>14</b>	<b>9</b>	<b>17</b>

**SECOND SEMESTER**

course code	course title	lec hr	lab hr	units
(MST) STS	Science, Technology & Society	3	0	3
(AH) GE**	(Arts & Humanities)	3	0	3
PI 100	The Life & Works of Jose Rizal	3	0	3
Arch 199.2	Architectural Design X: <i>A Comprehensive Design Project (Design Development)</i>	1	9	4
Elective***	Elective Course	2	0	2
Elective***	Elective Course	2	0	2
<b>total units</b>		<b>14</b>	<b>9</b>	<b>17</b>

**BACHELOR OF SCIENCE IN ARCHITECTURE : 188 UNITS**

\* Kas 1 and Fil 40 satisfy the 6-unit Philippine Studies requirement

\*\* Free choice of GE subjects under the specified domain

\*\*\* Electives may be taken from the following disciplines or studies: Architecture, Social Sciences, Humanities, Engineering & Planning

\*\*\*\* As a requirement for graduation, all students are required to take six (6) units in one of the National Service Training Program (NSTP) component.

ROTC & Civil Welfare Training Service are offered by UPD.