

COLLEGE OF ARCHITECTURE, University of the Philippines, Diliman
2002 BACHELOR OF SCIENCE IN ARCHITECTURE CURRICULUM

FIRST YEAR

FIRST SEMESTER

course code	course title	lec hr	lab hr	units
GE*	(Arts & Humanities)	3	0	3
GE*	(Social Science & Philosophy)	3	0	3
GE*	(Social Science & Philosophy)	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>Freehand Drawing</i>	0	6	2
ARCH 10	Architectural Design I: <i>Foundations of Design</i>	1	3	2
PE				(2)
MS 11				(1.5)
total units		14	15	19

SECOND SEMESTER

course code	course title	lec hr	lab hr	units
GE*	(Arts & Humanities)	3	0	3
GE*	(Arts & Humanities)	3	0	3
GE*	(Social Science & Philosophy)	3	0	3
MATH 14	Plane Trigonometry	3	0	3
ARCH 3	Architectural Communication III: <i>Formal Presentation Techniques</i>	0	6	2
ARCH 4	Architectural Communication IV: <i>Perspective Visualization & Representation</i>	1	3	2
ARCH 16	History, Theory & Criticism I: <i>Introduction to Architecture</i>	2	0	2
ARCH 20	Architectural Design II: <i>Design & Intra-personal Spaces</i>	1	3	2
PE				(2)
MS 12				(1.5)
total units		16	12	20

SECOND YEAR

FIRST SEMESTER

course code	course title	lec hr	lab hr	units
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 6	Architectural Communication V: <i>Advanced Formal Presentation Techniques</i>	2	3	3
ARCH 17	History, Theory & Criticism II: <i>Philippine Architecture</i>	2	0	2
ARCH 21	Architectural Design III: <i>Design & Inter-personal Spaces</i>	0	9	3
PE				(2)
MS 21				(1.5)
total units		16	15	21

SECOND SEMESTER

course code	course title	lec hr	lab hr	units
GE*	(Math, Science & Technology)	3	0	3
MATH 54	Elementary Analysis II	5	0	5
PHYS 72	Elementary Physics II	4	0	4
PHYS 72.1	Elementary Physics II Laboratory	0	3	1
ARCH 18	History, Theory & Criticism III: <i>Architecture of Asia & the Pacific</i>	2	0	2
ARCH 22	Architectural Design IV: <i>Design & Social Space</i>	0	9	3
ARCH 23	Building Construction I: <i>Materials of Building Technology</i>	3	0	3
PE				(2)
MS 22				(1.5)
total units		17	12	21

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>Wood & Masonry Construction</i>	0	9	3
ARCH 26	Architectural Structures I: <i>Statics of Rigid Bodies</i>	3	0	3
ARCH 31	Architectural Design V: <i>Site Context & 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 & Landscape Architecture</i>	3	0	3
total units		12	21	19

SECOND SEMESTER

course code	course title	lec hr	lab hr	units
GE*	(Social Science & Philosophy)	3	0	3
ARCH 7	Architectural Communication VI: <i>Advanced Communication Techniques</i>	1	3	2
ARCH 27	Architectural Structures II: <i>Strength of Materials</i>	3	0	3
ARCH 32	Architectural Design VI: <i>Architecture, Technology & the Environment</i>	0	9	3
ARCH 33	Building Construction III: <i>Concrete & Steel Construction</i>	0	9	3
ARCH 35	Utilities I: <i>Plumbing & 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
total units		14	21	21

CERTIFICATE OF BUILDING TECHNOLOGY : 121 units

FOURTH YEAR

FIRST SEMESTER

<i>course code</i>	<i>course title</i>	<i>lec hr</i>	<i>lab hr</i>	<i>units</i>
GE*	(Math, Science & Technology)	3	0	3
GE*	(Math, Science & Technology)	3	0	3
ARCH 136	Utilities II: <i>Mechanical & Electrical Systems of Buildings</i>	3	0	3
ARCH 143	Utilities III: <i>Architectural Lighting</i>	1	3	2
ARCH 161	Planning & Urban Design II: <i>Fundamentals of Urban Design & Community Architecture</i>	3	0	3
ARCH 171	Architectural Structures III: <i>Determinate Structures</i>	2	3	3
ARCH 197	Architectural Design VII: <i>Architectural Topic Studio</i>	1	9	4

total units 16 15 21

SECOND SEMESTER

<i>course code</i>	<i>course title</i>	<i>lec hr</i>	<i>lab hr</i>	<i>units</i>
GE*	(Social Science & Philosophy)	3	0	3
GE*	(Arts & Humanities)	3	0	3
ARCH 134	Building Construction IV: <i>Building Systems & Technology</i>	0	9	3
ARCH 147	Utilities IV: <i>Architectural Acoustics</i>	2	0	2
ARCH 162	Planning & Urban Design III: <i>Introduction to Urban & Regional Planning</i>	3	0	3
ARCH 172	Architectural Structures IV: <i>Indeterminate Structures</i>	2	3	3
ARCH 197	Architectural Design VII: <i>Architectural Topic Studio</i>	1	9	4

total units 14 21 21

FIFTH YEAR

FIRST SEMESTER

<i>course code</i>	<i>course title</i>	<i>lec hr</i>	<i>lab hr</i>	<i>units</i>
ARCH 158	Practice & Governance II: <i>Regular Services of the Architect</i>	2	0	2
ARCH 159	Practice & Governance III: <i>Finance, Taxation, Civics & Land Reform for Architects</i>	2	0	2
ARCH 163	Planning & Urban Design IV: <i>Socio-Cultural & Institutional Aspects of Housing</i>	3	0	3
ARCH 173	Architectural Structures V: <i>Concrete Structures</i>	1	6	3
ARCH 176	Utilities V: <i>Health & Safety in Buildings</i>	2	0	2
ARCH 199.1	Architectural Design VIII: <i>Research Project in Architecture</i>	1	9	4

total units 11 15 16

SECOND SEMESTER

<i>course code</i>	<i>course title</i>	<i>lec hr</i>	<i>lab hr</i>	<i>units</i>
GE*	(Math, Science & Technology)	3	0	3
PI 100	The Life & Works of Jose Rizal	3	0	3
ARCH 160	Practice & Governance IV: <i>Comprehensive Services of the Architect</i>	2	0	2
ARCH 199.2	Architectural Design IX: <i>A Design Project</i>	1	9	4
Elective**	Elective Course	2	0	2
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total units 13 9 16

BACHELOR OF SCIENCE IN ARCHITECTURE : 195 UNITS

*GE courses should include 6.0 units of Philippine Studies in any domain

**Electives: Architecture, Social Sciences, Humanities, Engineering & Planning