

# BACHELOR OF SCIENCE IN ARCHITECTURE

(Curriculum applicable to students who entered as freshmen beginning academic year 2015-2016)

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prereq.	Co-requisites	Paired	Caretaker
1	1	AR101P	GRAPHICS 1	1.5	4.5	2.0				AR-ID
		AR111S	ARCHITECTURAL VISUAL COMMUNICATIONS 1	-	4.5	1.0				AR-ID
		ENG10	ENGLISH FOR ACADEMIC PURPOSES 1	4.5	-	3.0				SLHS
		HUM13	ART APPRECIATION	4.5	-	3.0				SLHS
		MATH10-1	COLLEGE ALGEBRA	4.5	-	3.0				MATH
		MATH12-5	PLANE TRIGONOMETRY	4.5	-	3.0				MATH
		NSTP1	NATIONAL SERVICE TRAINING PROGRAM 1	-	4.5	(1.5)				SOCIP
		PE11-1	PHYSICAL EDUCATION 1 (PHYSICAL FITNESS AND GROUP GAMES)	-	3.0	(2.0)				ATHLETICS
<b>Total</b>				<b>19.5</b>	<b>16.5</b>	<b>15.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
1	2	AR102S	GRAPHICS STUDIO 2	-	4.5	1.0	AR101P			AR-ID
		AR111-2S	ARCHITECTURAL VISUAL COMMUNICATIONS 2	-	4.5	1.0	AR111S			AR-ID
		AR120	HISTORY OF ARCHITECTURE 1	4.5	-	3.0				AR-ID
		ENG11	ENGLISH FOR ACADEMIC PURPOSES 2	4.5	-	3.0	ENG10			SLHS
		MATH13-3	SOLID MENSURATION	3.0	-	2.0	MATH12-5			MATH
		MATH14-1	PLANE AND SOLID ANALYTIC GEOMETRY	4.5	-	3.0	MATH10-1, MATH12-5			MATH
		PSY10	GENERAL PSYCHOLOGY	4.5	-	3.0				SLHS
		NSTP2	NATIONAL SERVICE TRAINING PROGRAM 2	-	4.5	(1.5)	NSTP1			SOCIP
		PE12	PHYSICAL EDUCATION 2 (DANCE, MARTIAL ARTS AND BOARD GAMES)	-	3.0	(2.0)				ATHLETICS
		Total	21.0	16.5	16.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
1	3	AR103	GRAPHICS 3	1.5	-	1.0	AR102S, AR111-2S		AR103S	AR-ID
		AR103S	GRAPHICS STUDIO 3	-	9.0	2.0	AR102S, AR111-2S		AR103	AR-ID
		AR122	HISTORY OF ARCHITECTURE 2	4.5	-	3.0	AR120			AR-ID

FIL10	FILIPINO 1	4.5	-	3.0				SLHS
HUM14	INTRODUCTION TO PHILOSOPHY	4.5	-	3.0				SLHS
PHY10-2	COLLEGE PHYSICS 1	3.0	-	2.0	MATH10-1, MATH12-5			PHYSICS
PHY10-2L	COLLEGE PHYSICS LABORATORY 1	-	4.5	1.0	MATH10-1, MATH12-5	PHY10-2		PHYSICS
NSTP3	NATIONAL SERVICE TRAINING PROGRAM 3	-	4.5	(1.5)	NSTP2			SOCIP
PE13-2	PHYSICAL EDUCATION 3 (INDIVIDUAL / DUAL SPORTS)	-	3.0	(2.0)				ATHLETICS
<b>Total</b>		<b>18.0</b>	<b>21.0</b>	<b>15.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
1	4	AR113P	ARCHITECTURAL VISUAL COMMUNICATIONS 3	1.5	4.5	2.0	AR103, AR103S, AR111-2S			AR-ID
		AR123	HISTORY OF ARCHITECTURE 3	4.5	-	3.0	AR122			AR-ID
		AR130	THEORY OF ARCHITECTURE 1	3.0	-	2.0	AR122			AR-ID
		AR161	BUILDING TECHNOLOGY 1 - BUILDING MATERIALS	4.5	-	3.0				AR-ID
		FIL11	FILIPINO 2	4.5	-	3.0				SLHS
		PHY11-2	COLLEGE PHYSICS 2	3.0	-	2.0	PHY10-2, PHY10-2L			PHYSICS
		PHY11-2L	COLLEGE PHYSICS LABORATORY 2	-	4.5	1.0	PHY10-2, PHY10-2L	PHY11-2		PHYSICS
		NSTP4	NATIONAL SERVICE TRAINING PROGRAM 4	-	4.5	(1.5)	NSTP3			SOCIP
		PE14	PHYSICAL EDUCATION 4 (TEAM SPORTS)	-	3.0	(2.0)				ATHLETICS
		<b>Total</b>		<b>21.0</b>	<b>16.5</b>	<b>16.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	1	AR114S	ARCHITECTURAL VISUAL COMMUNICATIONS 4	-	4.5	1.0	AR113P			AR-ID
		AR132	THEORY OF ARCHITECTURE 2	4.5	-	3.0	AR130			AR-ID
		AR132X	THEORY OF ARCHITECTURE EXIT EXAM	-	-	0.0	AR130			AR-ID
		AR141P	ARCHITECTURAL DESIGN 1- INTRODUCTION TO DESIGN	1.5	4.5	2.0	AR103, AR103S, AR120			AR-ID
		AR151	SCIENCE, ENVIRONMENT AND SOCIETY	4.5	-	3.0				AR-ID
		CE120-2	SURVEYING	3.0	-	2.0	MATH10-1, MATH12-5		CE120-2F	CEGE

	CE120-2F	SURVEYING FIELD	-	4.5	1.0	MATH10-1, MATH12-5		CE120-2	CEGE
	MATH21-2	CALCULUS 1	4.5	-	3.0	MATH13-3, MATH14-1			MATH
<b>Total</b>			<b>18.0</b>	<b>13.5</b>	<b>15.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	2	AR115S	ARCHITECTURAL VISUAL COMMUNICATIONS 5	-	4.5	1.0	AR114S			AR-ID
		AR124	HISTORY OF ARCHITECTURE 4	4.5	-	3.0	AR123			AR-ID
		AR124X	HISTORY OF ARCHITECTURE EXIT EXAM	-	-	0.0	AR120, AR122, AR123			AR-ID
		AR133P	ARCHITECTURAL INTERIORS	3.0	4.5	3.0	AR132			AR-ID
		AR142P	ARCHITECTURAL DESIGN 2-CREATIVE DESIGN FUNDAMENTALS	1.5	4.5	2.0	AR141P			AR-ID
		AR153	BUILDING UTILITIES 1- PLUMBING AND SANITARY SYSTEMS	4.5	-	3.0	AR151			AR-ID
		MATH22-2	CALCULUS 2	4.5	-	3.0	MATH21-2			MATH
			Total	18.0	13.5	15.0				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	3	AR143	ARCHITECTURAL DESIGN 3-CREATIVE DESIGNS IN ARCHITECTURAL INTERIORS	1.5	-	1.0	AR133P, AR142P		AR143S	AR-ID
		AR143S	ARCHITECTURAL DESIGN 3-CREATIVE DESIGNS IN ARCHITECTURAL INTERIORS	-	9.0	2.0	AR133P, AR142P		AR143	AR-ID
		AR143X	COMPREHENSIVE EXAM	-	-	0.0	AR124X, AR132, AR132X, AR133P, AR142P			AR-ID
		AR152	TROPICAL ARCHITECTURE	4.5	-	3.0	AR151			AR-ID
		AR154	BUILDING UTILITIES 2 – MECHANICAL, ELECTRICAL AND ELECTRONIC SYSTEMS OF BUILDING	4.5	-	3.0	AR153			AR-ID
		AR171P	PLANNING 1 – SITE PLANNING & LANDSCAPE ARCHITECTURE	3.0	4.5	3.0	AR142P, AR151			AR-ID
		MEC30	STATICS OF RIGID BODIES	4.5	-	3.0	MATH22-2, PHY11-2, PHY11-2L			CEGE
Total			18.0	13.5	15.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	4	AR116P	COMPUTER-AIDED DESIGN & DRAFTING FOR ARCHITECTURE 1	1.5	4.5	2.0	AR115S, AR143, AR143S			AR-ID
		AR144	ARCHITECTURAL DESIGN 4 – VERNACULAR ARCHITECTURE AND ECOLOGICAL DESIGN	1.5	-	1.0	AR143, AR143S, AR143X		AR144S	AR-ID
		AR144S	ARCHITECTURAL DESIGN 4 - VERNACULAR ARCHITECTURE AND ECOLOGICAL DESIGN	-	9.0	2.0	AR143, AR143S, AR143X		AR144	AR-ID
		AR162P	BUILDING TECHNOLOGY 2 - CONSTRUCTION DRAWINGS IN WOOD, MASONRY; STEEL AND CONCRETE	3.0	4.5	3.0	AR154, AR161			AR-ID
		AR172	URBAN SOCIOLOGY	4.5	-	3.0	AR171P			AR-ID
		MEC32	MECHANICS OF DEFORMABLE BODIES	4.5	-	3.0	MEC30			CEGE
Total			15.0	18.0	14.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
3	1	AR117P	COMPUTER-AIDED DRAFTING AND DESIGN FOR ARCHITECTURE 2	1.5	4.5	2.0	AR116P			AR-ID
		AR145	ARCHITECTURAL DESIGN 5 - SPACE PLANNING	1.5	-	1.0	AR144, AR144S		AR145S	AR-ID
		AR145S	ARCHITECTURAL DESIGN 5 - SPACE PLANNING	-	13.5	3.0	AR144, AR144S		AR145	AR-ID
		AR163P	BUILDING TECHNOLOGY 3 - CONSTRUCTION DRAWINGS IN STEEL CONCRETE AND MASONRY	3.0	4.5	3.0	AR162P			AR-ID
		AR181	PROFESSIONAL PRACTICE 1 - LAWS AFFECTING THE PRACTICE OF ARCHITECTURE	4.5	-	3.0	AR144, AR144S			AR-ID
		SS10	PHILIPPINE POLITICS AND GOVERNANCE	4.5	-	3.0				SLHS
			Total	15.0	22.5	15.0				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
3	2	AR146	ARCHITECTURAL DESIGN 6 - SITE DEVELOPMENT PLANNING & LANDSCAPING	1.5	-	1.0	AR145, AR145S, AR171P		AR146S	AR-ID
		AR146S	ARCHITECTURAL DESIGN 6 - SITE DEVELOPMENT PLANNING & LANDSCAPING	-	13.5	3.0	AR145, AR145S, AR171P		AR146	AR-ID
		AR155	BUILDING UTILITIES 3 – ACOUSTICS AND LIGHTING SYSTEMS	4.5	-	3.0	AR154			AR-ID

	AR155X	BUILDING UTILITIES EXIT EXAM	-	-	0.0	AR154			AR-ID
	AR164P	BUILDING TECHNOLOGY 4 - ALTERNATIVE BUILDING CONSTRUCTION SYSTEMS	3.0	4.5	3.0	AR163P			AR-ID
	AR173P	PLANNING 2 – FUNDAMENTALS OF URBAN DESIGN AND COMMUNITY ARCHITECTURE	3.0	4.5	3.0	AR172			AR-ID
	CE131-1	THEORY OF STRUCTURES	4.5	-	3.0	MEC32			CEGE
<b>Total</b>			<b>16.5</b>	<b>22.5</b>	<b>16.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co- requisites	Paired	Caretaker
3	3	AR118L	COMPUTER-AIDED DRAFTING AND DESIGN FOR ARCHITECTURE 3	-	4.5	1.0	AR117P			AR-ID
		AR147	ARCHITECTURAL DESIGN 7 - COMMUNITY ARCHITECTURE AND URBAN DESIGN	1.5	-	1.0	AR146, AR146S, AR173P		AR147S	AR-ID
		AR147S	ARCHITECTURAL DESIGN 7 - COMMUNITY ARCHITECTURE AND URBAN DESIGN	-	18.0	4.0	AR146, AR146S, AR173P		AR147	AR-ID
		AR165P	BUILDING TECHNOLOGY 5 - SPECIFICATIONS WRITING AND ESTIMATING	3.0	4.5	3.0	AR164P			AR-ID
		AR165X	BUILDING TECHNOLOGY EXIT EXAM	-	-	0.0	AR164P			AR-ID
		AR182	PROFESSIONAL PRACTICE 2 - ADMINISTERING THE REGULAR SERVICES OF THE ARCHITECT	4.5	-	3.0	AR181			AR-ID
		ENG12	ENGLISH FOR THE WORKPLACE 1	4.5	-	3.0	ENG11			SLHS
<b>Total</b>				<b>13.5</b>	<b>27.0</b>	<b>15.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co- requisites	Paired	Caretaker
3	4	AR119- 1L	COMPUTER-AIDED DRAFTING AND DESIGN FOR ARCHITECTURE 4	-	4.5	1.0	AR118L			AR-ID
		AR134	RESEARCH METHODS FOR ARCHITECTURE	4.5	-	3.0	AR147, AR147S, ENG12			AR-ID
		AR148	ARCHITECTURAL DESIGN 8 - DESIGN OF COMPLEX STRUCTURES	1.5	-	1.0	AR147, AR147S		AR148S	AR-ID
		AR148S	ARCHITECTURAL DESIGN 8 - DESIGN OF COMPLEX STRUCTURES	-	18.0	4.0	AR147, AR147S		AR148	AR-ID
		AR183	PROFESSIONAL PRACTICE 3 - GLOBAL PRACTICE FOR THE 21ST CENTURY	4.5	-	3.0	AR182			AR-ID

	SS12	GENERAL ECONOMICS WITH TAXATION AND ENTREPRENEURSHIP	4.5	-	3.0				SLHS
<b>Total</b>			<b>15.0</b>	<b>22.5</b>	<b>15.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	1	AR184	PROFESSIONAL PRACTICE 4 - ARCHITECTURAL SEMINARS	1.5	-	1.0	AR183			AR-ID
		AR184X	PROFESSIONAL PRACTICE EXIT EXAM	-	-	0.0	AR183			AR-ID
		AR198R	ARCHITECTURAL INTERNSHIP	-	24.0	3.0	AR148, AR148S, AR183			AR-ID
			Total	1.5	24.0	4.0				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	2	AR174	HOUSING	4.5	-	3.0	AR172			AR-ID
		AR200	ARCHITECTURAL DESIGN 9 – THESIS RESEARCH WRITING	1.5	-	1.0	AR134, AR148, AR148S, AR198R		AR200F, AR200S	AR-ID
		AR200F	ARCHITECTURAL DESIGN 9 - THESIS RESEARCH WRITING	-	9.0	2.0	AR134, AR148, AR148S, AR198R		AR200, AR200S	AR-ID
		AR200S	ARCHITECTURAL DESIGN 9 – THESIS RESEARCH WRITING	-	9.0	2.0	AR134, AR148, AR148S, AR198R		AR200, AR200F	AR-ID
		CE137-1	STRUCTURAL DESIGN OF STEEL & TIMBER	4.5	-	3.0	CE131-1			CEGE
			SPECIALIZATION 1	-	-	3.0				
Total			10.5	18.0	14.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	3	AR176	PLANNING 3 – INTRODUCTION TO URBAN & REGIONAL PLANNING	4.5	-	3.0	AR173P, AR174			AR-ID
		AR176X	PLANNING EXIT EXAM	-	-	0.0	AR173P, AR174			AR-ID
		AR200-1	ARCHITECTURAL DESIGN 10 - THESIS RESEARCH APPLICATION 1	1.5	-	1.0	AR200, AR200F, AR200S		AR200-1F, AR200-1S	AR-ID

	AR200-1F	ARCHITECTURAL DESIGN 10 - THESIS RESEARCH APPLICATION 1	-	4.5	1.0	AR200, AR200F, AR200S		AR200-1, AR200-1S	AR-ID
	AR200-1S	ARCHITECTURAL DESIGN 10 - THESIS RESEARCH APPLICATION 1	-	4.5	1.0	AR200, AR200F, AR200S		AR200-1, AR200-1F	AR-ID
	CE135-1	STRUCTURAL DESIGN OF REINFORCED CONCRETE	4.5	-	3.0	CE137-1			CEGE
	ENG13	ENGLISH FOR THE WORKPLACE 2	4.5	-	3.0	ENG12			SLHS
		SPECIALIZATION 2	-	-	3.0				
<b>Total</b>			<b>15.0</b>	<b>9.0</b>	<b>15.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	4	AR135	ARCHITECTURAL ESSAYS AND REVIEWS	4.5	-	3.0	AR124, AR132			AR-ID
		AR200-2F	ARCHITECTURAL DESIGN 11- THESIS RESEARCH APPLICATION 2	-	4.5	1.0	AR200-1, AR200-1F, AR200-1S		AR200-2S	AR-ID
		AR200-2S	ARCHITECTURAL DESIGN 11 - THESIS RESEARCH APPLICATION 2	-	4.5	1.0	AR200-1, AR200-1F, AR200-1S		AR200-2F	AR-ID
		CE135X	STRUCTURAL DESIGN EXIT EXAM	-	-	0.0	CE135-1			CEGE
		RZL10	RIZAL'S WORKS & WRITINGS OF OTHER FILIPINO HEROES	4.5	-	3.0				SLHS
			SPECIALIZATION 3	-	-	3.0				
<b>Total</b>				<b>9.0</b>	<b>9.0</b>	<b>11.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
5	1	AR198-1P	ARCHITECTURAL DESIGN AND PLANNING	3.0	4.5	3.0	AR155X, AR165X, AR176X, AR184X, CE135X, For Graduating Students Only			AR-ID
		AR198-4	ARCHITECTURAL PRACTICE AND MANAGEMENT	3.0	-	2.0	AR155X, AR165X, AR176X, AR184X, CE135X, For Graduating Students Only			AR-ID

AR198-5	BUILDING SYSTEMS	3.0	-	2.0	AR155X, AR165X, AR176X, AR184X, CE135X, For Graduating Students Only			AR-ID
AR198-6	ARCHITECTURAL THEORY AND HISTORY	3.0	-	2.0	AR155X, AR165X, AR176X, AR184X, CE135X, For Graduating Students Only			AR-ID
AR198-7	STRUCTURAL SYSTEMS	3.0	-	2.0	AR155X, AR165X, AR176X, AR184X, CE135X, For Graduating Students Only			AR-ID
AR198X	AR CORRELATION EXAM	-	-	0.0	For Graduating Students Only			AR-ID
<b>Total</b>		<b>15.0</b>	<b>4.5</b>	<b>11.0</b>				



**SPECIALIZATIONS : 9.00 UNITS**

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
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**ARCHITECTURAL CONSERVATION**

4	2	AR125	HISTORY AND THEORY OF CONSERVATION	4.5	-	3.0	AR134			AR-ID
4	3	AR126	DOCUMENTATION FOR HISTORIC BUILDING PRESERVATION	4.5	-	3.0	AR125			AR-ID
4	4	AR127P	BUILDING ANALYSIS	3.0	4.5	3.0	AR126			AR-ID
<b>Total</b>				<b>12.0</b>	<b>4.5</b>	<b>9.0</b>				

**PROJECT CONSTRUCTION MANAGEMENT**

4	2	AR185	SAFETY ENGINEERING	4.5	-	3.0	AR165P, AR182			AR-ID
4	3	AR186	PROJECT MANAGEMENT AND EVALUATION	4.5	-	3.0	AR185			AR-ID
4	4	AR187	RESOURCE MANAGEMENT	4.5	-	3.0	AR186			AR-ID
<b>Total</b>				<b>13.5</b>	<b>0.0</b>	<b>9.0</b>				

**SUSTAINABLE DESIGN**

4	2	AR156	GREEN BUILDING PRINCIPLES AND TECHNIQUES	4.5	-	3.0	AR146, AR146S, AR155X			AR-ID
4	3	AR157	GREEN BUILDING RATING SYSTEM	4.5	-	3.0	AR156			AR-ID
4	4	AR158P	SUSTAINABLE DESIGN STUDIO	3.0	4.5	3.0	AR157			AR-ID
<b>Total</b>				<b>12.0</b>	<b>4.5</b>	<b>9.0</b>				

**URBAN DESIGN**

4	2	AR175	COMMUNITY PLANNING DEVELOPMENT	4.5	-	3.0	AR173P			AR-ID
4	3	AR177	ENVIRONMENTAL IMPACT STUDIES	4.5	-	3.0	AR175			AR-ID
4	4	AR178P	URBAN DESIGN STUDIO	3.0	4.5	3.0	AR177			AR-ID
<b>Total</b>				<b>12.0</b>	<b>4.5</b>	<b>9.0</b>				

**Total Academic Units : 237.00**



## BACHELOR OF SCIENCE IN INDUSTRIAL DESIGN

*(Curriculum applicable to students who entered as freshmen beginning academic year 2015-2016)*

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
1	1	ENG10	ENGLISH FOR ACADEMIC PURPOSES 1	4.5	-	3.0				SLHS
		HME01	HUMANITIES ELECTIVE	4.5	-	3.0				SLHS
		ID101D	TECHNICAL DRAWING 1	-	4.5	1.0				AR-ID
		ID121P	VISUAL TECHNIQUES 1	1.5	4.5	2.0				AR-ID
		MATH10-1	COLLEGE ALGEBRA	4.5	-	3.0				MATH
		SSE01	SOCIAL SCIENCE ELECTIVE	4.5	-	3.0				SLHS
		NSTP1	NATIONAL SERVICE TRAINING PROGRAM 1	-	4.5	(1.5)				SOCIP
		PE11-1	PHYSICAL EDUCATION 1 (PHYSICAL FITNESS AND GROUP GAMES)	-	3.0	(2.0)				ATHLETICS
<b>Total</b>				<b>19.5</b>	<b>16.5</b>	<b>15.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
1	2	ENG11	ENGLISH FOR ACADEMIC PURPOSES 2	4.5	-	3.0	ENG10			SLHS
		HME02	HUMANITIES ELECTIVE	4.5	-	3.0				SLHS
		ID102D	TECHNICAL DRAWING 2	-	4.5	1.0	ID101D			AR-ID
		ID122S	VISUAL TECHNIQUES 2	-	9.0	2.0	ID121P			AR-ID
		ID131S	FORM DEVELOPMENT 1	-	9.0	2.0				AR-ID
		MATH12-5	PLANE TRIGONOMETRY	4.5	-	3.0				MATH
		NSTP2	NATIONAL SERVICE TRAINING PROGRAM 2	-	4.5	(1.5)	NSTP1			SOCIP
		PE12	PHYSICAL EDUCATION 2 (DANCE, MARTIAL ARTS AND BOARD GAMES)	-	3.0	(2.0)				ATHLETICS
<b>Total</b>				<b>13.5</b>	<b>30.0</b>	<b>14.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
1	3	FIL10	FILIPINO 1	4.5	-	3.0				SLHS
		ID103D	TECHNICAL DRAWING 3	-	4.5	1.0	ID102D			AR-ID
		ID123S	VISUAL TECHNIQUES 3	-	9.0	2.0	ID122S			AR-ID
		ID132-0S	FORM DEVELOPMENT 2	-	9.0	2.0	ID131S			AR-ID
		MATH13-3	SOLID MENSURATION	3.0	-	2.0	MATH12-5			MATH
		SSE02	SOCIAL SCIENCE ELECTIVE	4.5	-	3.0				SLHS
		NSTP3	NATIONAL SERVICE TRAINING PROGRAM 3	-	4.5	(1.5)	NSTP2			SOCIP

	PE13-2	PHYSICAL EDUCATION 3 (INDIVIDUAL / DUAL SPORTS)	-	3.0	(2.0)				ATHLETICS
<b>Total</b>			<b>12.0</b>	<b>30.0</b>	<b>13.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co- requisites	Paired	Caretaker
1	4	FIL11	FILIPINO 2	4.5	-	3.0				SLHS
		ID124S	VISUAL TECHNIQUES 4	-	9.0	2.0	ID123S			AR-ID
		ID133S	FORM DEVELOPMENT 3	-	9.0	2.0	ID132-0S			AR-ID
		ID134P	DESIGN FUNDAMENTALS 1	4.5	4.5	4.0	ID122S			AR-ID
		MATH14-1	PLANE AND SOLID ANALYTIC GEOMETRY	4.5	-	3.0	MATH10-1, MATH12-5			MATH
		NSTP4	NATIONAL SERVICE TRAINING PROGRAM 4	-	4.5	(1.5)	NSTP3			SOCIP
		PE14	PHYSICAL EDUCATION 4 (TEAM SPORTS)	-	3.0	(2.0)				ATHLETICS
Total			13.5	30.0	14.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co- requisites	Paired	Caretaker
2	1	ID104L	COMPUTER AIDED DRAFTING	-	4.5	1.0	ID103D			AR-ID
		ID125S	PHOTOGRAPHY	-	9.0	2.0				AR-ID
		ID135P	DESIGN FUNDAMENTALS 2	4.5	4.5	4.0	ID134P			AR-ID
		ID141	HISTORY OF DESIGN	4.5	-	3.0				AR-ID
		PHY10-2	COLLEGE PHYSICS 1	3.0	-	2.0	MATH10-1, MATH12-5			PHYSICS
		PHY10-2L	COLLEGE PHYSICS LABORATORY 1	-	4.5	1.0	MATH10-1, MATH12-5	PHY10-2		PHYSICS
		SSE03	SOCIAL SCIENCE ELECTIVE	4.5	-	3.0				SLHS
Total			16.5	22.5	16.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	2	ID105L	COMPUTER AIDED DRAFTING 2	-	4.5	1.0	ID104L			AR-ID
		ID126L	DIGITAL GRAPHICS 1	-	9.0	2.0	ID123S			AR-ID
		ID138	INDUSTRIAL MATERIALS AND PROCESSES 1	3.0	-	2.0	ID134P		ID138F	AR-ID
		ID138F	INDUSTRIAL MATERIALS AND PROCESSES FIELD 1	-	4.5	1.0	ID134P		ID138	AR-ID
		ID150	SUSTAINABLE PRODUCT DESIGN	3.0	-	2.0	ID135P			AR-ID
		ID151P	COMMUNICATIONS DESIGN	4.5	4.5	4.0	ID135P	ID126L		AR-ID
		ID161P	ANTHROPOMETRY	4.5	4.5	4.0	ID134P			AR-ID
Total			15.0	27.0	16.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	3	ID106L	COMPUTER AIDED DRAFTING AND DESIGN 1	-	9.0	2.0	ID105L			AR-ID
		ID127L	DIGITAL GRAPHICS 2	-	9.0	2.0	ID126L			AR-ID
		ID139	INDUSTRIAL MATERIALS AND PROCESSES 2	3.0	-	2.0	ID138, ID138F		ID139F	AR-ID
		ID139F	INDUSTRIAL MATERIALS AND PROCESSES FIELD 2	-	4.5	1.0	ID138, ID138F		ID139	AR-ID
		ID152P	PACKAGE DESIGN	4.5	4.5	4.0	ID105L, ID151P			AR-ID
		ID162P	CONTAINER DESIGN	4.5	4.5	4.0	ID135P			AR-ID
			Total	12.0	31.5	15.0				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	4	ENG12	ENGLISH FOR THE WORKPLACE 1	4.5	-	3.0	ENG11			SLHS
		ID107L	COMPUTER AIDED DRAFTING AND DESIGN 2	-	9.0	2.0	ID106L			AR-ID
		ID128L	DIGITAL GRAPHICS 3	-	9.0	2.0	ID127L			AR-ID
		ID153P	FURNITURE DESIGN 1	4.5	4.5	4.0	ID135P, ID161P			AR-ID
		ID163P	ELECTROMECHANICAL COMPLEXITIES 1	4.5	4.5	4.0	ID135P			AR-ID
			Total	13.5	27.0	15.0				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
3	1	ID144	PRODUCTION MANAGEMENT 1	4.5	-	3.0	ID139, ID139F			AR-ID
		ID146	MARKETING	4.5	-	3.0				AR-ID
		ID154P	FURNITURE DESIGN 2	4.5	4.5	4.0	ID153P			AR-ID
		ID164P	CONSUMER PRODUCT DESIGN	4.5	4.5	4.0	ID107L, ID163P			AR-ID
Total			18.0	9.0	14.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
3	2	ENG13	ENGLISH FOR THE WORKPLACE 2	4.5	-	3.0	ENG12			SLHS
		ID145	PRODUCTION MANAGEMENT 2	4.5	-	3.0	ID144			AR-ID
		ID157P	SPATIAL DESIGN	4.5	4.5	4.0	ID153P			AR-ID
		ID165P	PRODUCT STYLING	4.5	4.5	4.0	ID164P			AR-ID
			Total	18.0	9.0	14.0				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
3	3	ID148	DESIGN PRACTICE	4.5	-	3.0	ID165P			AR-ID
		ID156P	CRAFTS DESIGN	4.5	4.5	4.0	ID153P			AR-ID
		ID166P	PORTFOLIO	4.5	4.5	4.0	ID154P, ID165P			AR-ID
		RES100-2	METHODS OF RESEARCH	3.0	-	2.0	ENG13			AR-ID
Total			16.5	9.0	13.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
3	4	ID199R	PRACTICUM	-	24.0	3.0	ID148, ID166P			AR-ID
		ID200	THESIS 1	4.5	-	3.0	ID166P, RES100-2			AR-ID
Total				4.5	24.0	6.0				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	1	ID149	INDUSTRIAL DESIGN SEMINAR	3.0	-	2.0	ID166P			AR-ID
		ID200-2P	THESIS 2	3.0	4.5	3.0	ID200			AR-ID
		RZL10	RIZAL'S WORKS & WRITINGS OF OTHER FILIPINO HEROES	4.5	-	3.0				SLHS
			PROFESSIONAL ELECTIVE 1	-	-	2.0				
			<b>Total</b>	<b>10.5</b>	<b>4.5</b>	<b>10.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	2	ID200-3	THESIS 3	1.5	-	1.0	ID200-2P		ID200-3F, , ID200-3S	AR-ID
		ID200-3F	THESIS 3 FIELD	-	4.5	1.0	ID200-2P		ID200-3, , ID200-3S	AR-ID
		ID200-3S	THESIS 3 STUDIO	-	4.5	1.0	ID200-2P		ID200-3, , ID200-3F	AR-ID
		SSE04	SOCIAL SCIENCE ELECTIVE	4.5	-	3.0				SLHS
			PROFESSIONAL ELECTIVE 2	-	-	2.0				
Total			6.0	9.0	8.0					

**PROFESSIONAL ELECTIVES: 4.0 UNITS**

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	1	ID171	HISTORY OF ART	3.0	-	2.0	ID141			AR-ID
		ID172P	EXHIBITION SYSTEMS DESIGN	1.5	4.5	2.0	ID107L, , ID157P			AR-ID
		ID173P	TRANSPORTATION DESIGN	1.5	4.5	2.0	ID107L, ID161P, ID165P			AR-ID
		ID178P	INNOVATION WORKSHOP 1	3.0	4.5	3.0	ID164P			AR-ID

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	2	ID174P	PRODUCT SERVICE SYSTEM DESIGN	1.5	4.5	2.0	ID151P, ID161P, ID165P			AR-ID
		ID175	BASIC PRINCIPLES OF ENTREPRENEURSHIP	3.0	-	2.0	ID148			AR-ID
		ID176	ENTREPRENEURIAL COMPETENCIES	3.0	-	2.0	ID148			AR-ID
		ID177	INTELLECTUAL PROPERTY	3.0	-	2.0	ID148			AR-ID
		ID179P	INNOVATION WORKSHOP 2	3.0	4.5	3.0	ID164P			AR-ID
			Total	10.5	4.5	8.0				

**Total Academic Units : 183.00**





## BACHELOR OF SCIENCE IN INTERIOR DESIGN

*(Curriculum applicable to students who entered as freshmen beginning academic year 2015-2016)*

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
1	1	AR101P	GRAPHICS 1	1.5	4.5	2.0				AR-ID
		ENG10	ENGLISH FOR ACADEMIC PURPOSES 1	4.5	-	3.0				SLHS
		HUM13	ART APPRECIATION	4.5	-	3.0				SLHS
		INT101-1P	VISUAL TECHNIQUES 1	1.5	4.5	2.0				AR-ID
		INT121L	BASIC COMPUTER COURSE	-	4.5	1.0				AR-ID
		MATH10-1	COLLEGE ALGEBRA	4.5	-	3.0				MATH
		NSTP1	NATIONAL SERVICE TRAINING PROGRAM 1	-	4.5	(1.5)				SOCIP
		PE11-1	PHYSICAL EDUCATION 1 (PHYSICAL FITNESS AND GROUP GAMES)	-	3.0	(2.0)				ATHLETICS
			Total	16.5	21.0	14.0				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
1	2	AR102S	GRAPHICS STUDIO 2	-	4.5	1.0	AR101P			AR-ID
		ENG11	ENGLISH FOR ACADEMIC PURPOSES 2	4.5	-	3.0	ENG10			SLHS
		INT100	THEORY OF INTERIOR DESIGN	4.5	-	3.0				AR-ID
		INT102-1P	VISUAL TECHNIQUES 2	1.5	4.5	2.0	INT101-1P			AR-ID
		INT152	HISTORY OF WORLD ART AND ARCHITECTURE	4.5	-	3.0				AR-ID
		PSY10	GENERAL PSYCHOLOGY	4.5	-	3.0				SLHS
		NSTP2	NATIONAL SERVICE TRAINING PROGRAM 2	-	4.5	(1.5)	NSTP1			SOCIP
		PE12	PHYSICAL EDUCATION 2 (DANCE, MARTIAL ARTS AND BOARD GAMES)	-	3.0	(2.0)				ATHLETICS
			Total	19.5	16.5	15.0				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
1	3	AR103	GRAPHICS 3	1.5	-	1.0	AR102S		AR103S	AR-ID
		AR103S	GRAPHICS STUDIO 3	-	9.0	2.0	AR102S		AR103	AR-ID
		INT104P	VISUAL TECHNIQUES 3	1.5	4.5	2.0	INT102-1P			AR-ID
		INT105P	COLOR THEORY	1.5	4.5	2.0	INT100			AR-ID
		INT152P	HISTORY OF INTERIOR DESIGN 1	3.0	4.5	3.0	INT152			AR-ID
		MATH12-5	PLANE TRIGONOMETRY	4.5	-	3.0				MATH

	NSTP3	NATIONAL SERVICE TRAINING PROGRAM 3	-	4.5	(1.5)	NSTP2			SOCIP
	PE13-2	PHYSICAL EDUCATION 3 (INDIVIDUAL / DUAL SPORTS)	-	3.0	(2.0)				ATHLETICS
<b>Total</b>			<b>12.0</b>	<b>30.0</b>	<b>13.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
1	4	FIL10	FILIPINO 1	4.5	-	3.0				SLHS
		INT107	COLOR RENDERING	1.5	-	1.0	INT105P		INT107S	AR-ID
		INT107S	COLOR RENDERING STUDIO	-	9.0	2.0	INT105P		INT107	AR-ID
		INT110S	COLOR THEORY STUDIO	-	4.5	1.0	INT105P			AR-ID
		INT141	INTERIOR DESIGN 1	1.5	-	1.0	AR103, AR103S, INT100		INT141S	AR-ID
		INT141S	INTERIOR DESIGN STUDIO 1	-	9.0	2.0	AR103, AR103S, INT100		INT141	AR-ID
		INT153P	HISTORY OF INTERIOR DESIGN 2	3.0	4.5	3.0	INT152P			AR-ID
		INT153X	HISTORY OF INTERIOR DESIGN EXIT EXAM	-	-	0.0	INT152P			AR-ID
		NSTP4	NATIONAL SERVICE TRAINING PROGRAM 4	-	4.5	(1.5)	NSTP3			SOCIP
		PE14	PHYSICAL EDUCATION 4 (TEAM SPORTS)	-	3.0	(2.0)				ATHLETICS
Total			10.5	34.5	13.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	1	FIL11	FILIPINO 2	4.5	-	3.0				SLHS
		HUM14	INTRODUCTION TO PHILOSOPHY	4.5	-	3.0				SLHS
		INT131	MATERIALS & RESOURCES 1	1.5	-	1.0	AR103, AR103S, INT100		INT131S	AR-ID
		INT131S	MATERIALS & RESOURCES STUDIO 1	-	9.0	2.0	AR103, AR103S, INT100		INT131	AR-ID
		INT142	INTERIOR DESIGN 2	1.5	-	1.0	INT141, INT141S		INT142S	AR-ID
		INT142S	INTERIOR DESIGN STUDIO 2	-	9.0	2.0	INT141, INT141S		INT142	AR-ID
		PHY10-2	COLLEGE PHYSICS 1	3.0	-	2.0	MATH10-1, MATH12-5			PHYSICS
		PHY10-2L	COLLEGE PHYSICS LABORATORY 1	-	4.5	1.0	MATH10-1, MATH12-5	PHY10-2		PHYSICS
Total			15.0	22.5	15.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	2	INT109	COLOR DYNAMICS	1.5	-	1.0	INT107, INT107S		INT109S	AR-ID
		INT109S	COLOR DYNAMICS STUDIO	-	9.0	2.0	INT107, INT107S		INT109	AR-ID
		INT109X	COLOR THEORY EXIT EXAM	-	-	0.0	INT107, INT107S			AR-ID
		INT133P	MATERIALS OF BUILDING CONSTRUCTION	3.0	4.5	3.0	INT131, INT131S			AR-ID
		INT143	INTERIOR DESIGN 3	1.5	-	1.0	INT142, INT142S		INT143S	AR-ID
		INT143S	INTERIOR DESIGN STUDIO 3	-	9.0	2.0	INT142, INT142S		INT143	AR-ID
		PHY11-2	COLLEGE PHYSICS 2	3.0	-	2.0	PHY10-2, PHY10-2L			PHYSICS
		PHY11-2L	COLLEGE PHYSICS LABORATORY 2	-	4.5	1.0	PHY10-2, PHY10-2L	PHY11-2		PHYSICS
		SS14	PHILIPPINE HISTORY	4.5	-	3.0				SLHS
Total			13.5	27.0	15.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	3	HUM15	READINGS IN WORLD LITERATURE	4.5	-	3.0				SLHS
		INT110P	PERIOD COLOR	3.0	4.5	3.0	INT109, INT109S			AR-ID
		INT132	MATERIALS & RESOURCES 2	1.5	-	1.0	INT131, INT131S, INT133P		INT132S	AR-ID
		INT132S	MATERIALS & RESOURCES STUDIO 2	-	9.0	2.0	INT131, INT131S, INT133P		INT132	AR-ID
		INT132X	MATERIALS OF DECORATION EXIT EXAM	-	-	0.0	INT131, INT131S			AR-ID
		INT144	INTERIOR DESIGN 4	1.5	-	1.0	INT143, INT143S		INT144S	AR-ID
		INT144S	INTERIOR DESIGN STUDIO 4	-	9.0	2.0	INT143, INT143S		INT144	AR-ID
		INT154P	HISTORY OF PHILIPPINE VISUAL ARTS, ARCHITECTURE AND INTERIOR DESIGN	3.0	4.5	3.0	INT152P			AR-ID
Total			13.5	27.0	15.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
2	4	ENG12	ENGLISH FOR THE WORKPLACE 1	4.5	-	3.0	ENG11			SLHS
		INT122P	CADD1. COMPUTER AIDED DESIGN & DRAFTING IN 2D	3.0	4.5	3.0	INT121L			AR-ID

INT145	INTERIOR DESIGN 5	1.5	-	1.0	INT144, INT144S		INT145S	AR-ID
INT145S	INTERIOR DESIGN STUDIO 5	-	9.0	2.0	INT144, INT144S		INT145	AR-ID
INT161P	BUILDING UTILITIES	1.5	4.5	2.0	INT133P			AR-ID
INT171	FURNITURE DESIGN 1	1.5	-	1.0	INT132, INT132S, INT144, INT144S		INT171S	AR-ID
INT171S	FURNITURE DESIGN STUDIO 1	-	13.5	3.0	INT132, INT132S, INT144, INT144S		INT171	AR-ID
<b>Total</b>		<b>12.0</b>	<b>31.5</b>	<b>15.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co- requisites	Paired	Caretaker
3	1	INT146	INTERIOR DESIGN 6	1.5	-	1.0	INT145, INT145S		INT146S	AR-ID
		INT146S	INTERIOR DESIGN STUDIO 6	-	13.5	3.0	INT145, INT145S		INT146	AR-ID
		INT162-1	LIGHTING DESIGN	4.5	-	3.0	INT161P			AR-ID
		INT172	FURNITURE DESIGN 2	1.5	-	1.0	INT171, INT171S		INT172S	AR-ID
		INT172S	FURNITURE DESIGN STUDIO 2	-	13.5	3.0	INT171, INT171S		INT172	AR-ID
		INT172X	FURNITURE DESIGN EXIT EXAM	-	-	0.0	INT171, INT171S			AR-ID
		RZL10	RIZAL'S WORKS & WRITINGS OF OTHER FILIPINO HEROES	4.5	-	3.0				SLHS
Total			12.0	27.0	14.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co- requisites	Paired	Caretaker
3	2	INT123P	CADD 2. COMPUTER AIDED DESIGN & DRAFTING IN 3D	3.0	4.5	3.0	INT122P			AR-ID
		INT135	INTERIOR CONSTRUCTION AND DETAILING	1.5	-	1.0	INT133P		INT135S	AR-ID
		INT135S	INTERIOR CONSTRUCTION AND DETAILING STUDIO	-	9.0	2.0	INT133P		INT135	AR-ID
		INT135X	BUILDING CONSTRUCTION EXIT EXAM	-	-	0.0	INT133P			AR-ID
		INT147	INTERIOR DESIGN 7	1.5	-	1.0	INT146, INT146S		INT147S	AR-ID
		INT147S	INTERIOR DESIGN STUDIO 7	-	13.5	3.0	INT146, INT146S		INT147	AR-ID

	INT181	PROFESSIONAL PRACTICE AND ETHICS	4.5	-	3.0	INT146, INT146S			AR-ID
	INT192	RESEARCH METHODS	4.5	-	3.0	ENG12, INT146, INT146S			AR-ID
<b>Total</b>			<b>15.0</b>	<b>27.0</b>	<b>16.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
3	3	INT190L	PORTFOLIO PROJECT/COMPUTER GRAPHICS	-	4.5	1.0	INT123P, INT146, INT146S			AR-ID
		INT199R	ON THE JOB TRAINING/PRACTICUM	-	24.0	3.0	INT147, INT147S, INT181			AR-ID
<b>Total</b>				<b>0.0</b>	<b>28.5</b>	<b>4.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
3	4	ENG13	ENGLISH FOR THE WORKPLACE 2	4.5	-	3.0	ENG12			SLHS
		INT124P	CADD 3. COMPUTER AIDED DESIGN & ANIMATION	3.0	4.5	3.0	INT123P			AR-ID
		INT134	FLOWER ARRANGEMENT AND PLANTSCAPING	4.5	-	3.0				AR-ID
		INT200P	INTERIOR DESIGN 8	1.5	4.5	2.0	INT147, INT147S, INT192, INT199R			AR-ID
		INT200X	INTERIOR DESIGN EXIT EXAM	-	-	0.0	INT147, INT147S			AR-ID
		SS11	SOCIOLOGY WITH POPULATION EDUCATION	4.5	-	3.0				SLHS
<b>Total</b>				<b>18.0</b>	<b>9.0</b>	<b>14.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	1	INT200-1F	INTERIOR DESIGN 9	-	4.5	1.0	INT199R, INT200P		INT200-1S	AR-ID
		INT200-1S	INTERIOR DESIGN STUDIO 9	-	4.5	1.0	INT199R, INT200P		INT200-1F	AR-ID
		SS10	PHILIPPINE POLITICS AND GOVERNANCE	4.5	-	3.0				SLHS
		SS12	GENERAL ECONOMICS WITH TAXATION AND ENTREPRENEURSHIP	4.5	-	3.0				SLHS
			PROFESSIONAL ELECTIVE 1	-	-	3.0				
<b>Total</b>				<b>9.0</b>	<b>9.0</b>	<b>11.0</b>				

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	2	INT182	BUSINESS MANAGEMENT IN INTERIOR DESIGN	4.5	-	3.0	INT181			AR-ID
		INT182X	PROFESSIONAL ETHICS EXIT EXAM	-	-	0.0	INT181			AR-ID
		INT200-2	INTERIOR DESIGN 10	1.5	-	1.0	INT200-1F, INT200-1S		INT200-2F, INT200-2S	AR-ID
		INT200-2F	INTERIOR DESIGN FIELD 10	-	9.0	2.0	INT200-1F, INT200-1S		INT200-2, INT200-2S	AR-ID
		INT200-2S	INTERIOR DESIGN STUDIO 10	-	9.0	2.0	INT200-1F, INT200-1S		INT200-2, INT200-2F	AR-ID
			PROFESSIONAL ELECTIVE 2	-	-	3.0				
Total			6.0	18.0	11.0					

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	3	INT198-1S	INTERIOR DESIGN STUDIO 11	-	9.0	2.0	INT132X, INT135X, INT153X, INT172X, INT182X, INT200X, For Graduating Students Only			AR-ID
		INT198-2	FURNITURE SYSTEMS	3.0	-	2.0	INT132X, INT135X, INT153X, INT172X, INT182X, INT200X, For Graduating Students Only			AR-ID
		INT198-3	INTERIOR DESIGN PRINCIPLES, PRACTICE AND TRENDS	3.0	-	2.0	INT132X, INT135X, INT153X, INT172X, INT182X, INT200X, For Graduating Students Only			AR-ID
		INT198-4	INTERIOR DESIGN MATERIALS AND CONSTRUCTION SYSTEMS	3.0	-	2.0	INT132X, INT135X, INT153X, INT172X, INT182X, INT200X, For Graduating Students Only			AR-ID

	INT198-5	INTERIOR DESIGN HISTORY AND PRINCIPLES	3.0	-	2.0	INT132X, INT135X, INT153X, INT172X, INT182X, INT200X, For Graduating Students Only			AR-ID
	INT198X	INTERIOR DESIGN CORRELATION EXIT EXAM	-	-	0.0	For Graduating Students Only			AR-ID
	<b>Total</b>		<b>12.0</b>	<b>9.0</b>	<b>10.0</b>				

**PROFESSIONAL ELECTIVES : 6.0 UNITS**

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	1	INT163	MATERIALS SOURCING AND MANAGEMENT	4.5	-	3.0	INT135, , INT135S			AR-ID
		INT164	RESTORATION AND ADAPTIVE REUSE OF INTERIOR SPACES	4.5	-	3.0	INT135, INT135S, INT146, INT146S			AR-ID
		INT165	ADVANCED EXHIBITION DESIGN	4.5	-	3.0	INT135, INT135S, INT146, INT146S			AR-ID
		INT166	ADVANCED VISUAL MERCHANDIZING	4.5	-	3.0	INT135, INT135S, INT146, INT146S			AR-ID

Y	T	Code	Title	Lec Hrs	Lab Hrs	Credit Units	Prerequisites	Co-requisites	Paired	Caretaker
4	2	INT167	ART AND ANTIQUES	4.5	-	3.0	INT135, INT135S, INT146, INT146S			AR-ID
		INT168	CASE STUDIES	4.5	-	3.0	INT135, INT135S, INT146, INT146S			AR-ID
		INT169	CONTEMPORARY ART AND ARCHITECTURE	4.5	-	3.0	INT135, INT135S, INT146, INT146S			AR-ID
		INT170	SUSTAINABLE DESIGN PRINCIPLES AND TECHNIQUES	4.5	-	3.0	INT135, INT135S, INT146, INT146S, INT161P			AR-ID

**Total Academic Units : 195.00**



# SCHOOL OF ARCHITECTURE, INDUSTRIAL DESIGN AND THE BUILT ENVIRONMENT

## **AR101P. GRAPHICS 1**

The study of visual communication, typography, alphabet of lines and their applications, and the use and care of instruments, geometric construction, use of scale, mensuration and dimensioning. Emphasis is given to the study of the theory of projection with analysis of the relationship between points, lines and planes in space. Includes exercises on surface development and graphic presentation.

Credit : 2 units

## **AR102S. GRAPHICS STUDIO 2**

Continuation of Graphics 1.

Credit : 1 unit

Prerequisite : AR101P

## **AR103. GRAPHICS 3**

An introduction to measured drawings applying graphic conventions; the study of pictorial presentation and perspective projections; plotting of shades and shadows in both orthographic and perspective drawings.

Credit : 1 unit

Prerequisites : AR102S; AR111-2S

Paired : AR103S

## **AR103S. GRAPHICS STUDIO 3**

Credit : 2 units

Prerequisites : AR102S; AR111-2S

Paired : AR103

## **AR111S. ARCHITECTURAL VISUAL COMMUNICATIONS 1**

The study of visualization and graphic presentation in the form of freehand drawings, including still-life and architectural forms and entourage using different media, in black and white or monochrome.

Credit : 1 unit

## **AR111-2S. ARCHITECTURAL VISUAL COMMUNICATIONS 2**

Continuation of Architectural Visual Communications 1.

Credit : 1 unit

Prerequisite : AR111S

## **AR113P. ARCHITECTURAL VISUAL COMMUNICATIONS 3**

An introduction to the study of color as form-giver; psychology of color; theories of light and color; scientific and aesthetic considerations of color; study and exercises on the use of color as presentation tool; architectural presentations and outdoor color rendering using appropriate techniques in color mixing and application and various media such as watercolor, acrylic paints, pastel, etc.

Credit : 2 units

Prerequisites : AR111-2S, AR103, AR103S

## **AR114S. ARCHITECTURAL VISUAL COMMUNICATIONS 4**

Covers exercises on advanced techniques of presentation using mixed media. Includes the study of multi-media composition/digital presentation, photography and computer generation.

Credit : 1 unit

Prerequisite : AR113P

## **AR115S. ARCHITECTURAL VISUAL COMMUNICATIONS 5**

Continuation of Architectural Visual Communications 4.

Credit : 1 unit

Prerequisite : AR114S

## **AR116P. COMPUTER-AIDED DESIGN & DRAFTING FOR ARCHITECTURE 1**

A basic introduction on computer and software programs useful in architectural practice. The course deals with aspects of architectural two-dimensional drafting and design.

Credit : 2 units

Prerequisites : AR115S, AR143, AR143S

## **AR117P. COMPUTER-AIDED DRAFTING AND DESIGN FOR ARCHITECTURE 2**

An introduction on the concepts of Building Information Modelling (BIM). The course deals with basic modeling techniques and managing a building information model. Students are introduced to the tools for parametric building design and documentation.

Credit : 2 units

Prerequisite : AR116P

## **AR118L. COMPUTER-AIDED DRAFTING AND DESIGN FOR ARCHITECTURE 3**

A continuation of COMPUTER-AIDED DRAFTING AND DESIGN FOR ARCHITECTURE 2, expanding on basic skills and exploring new and advanced tools for modeling and documenting a Building Information Model (BIM).

Credit : 1 unit

Prerequisite : AR117P

## **AR119-1L. COMPUTER-AIDED DRAFTING AND DESIGN FOR ARCHITECTURE 4**

An advanced computer-aided architectural rendering, modeling and animation using current software.

Credit : 1 unit

Prerequisite : AR118L

## **AR120. HISTORY OF ARCHITECTURE 1**

Architectural manifestation of thoughts from the beginning of civilization to the Byzantine Period.

Credit : 3 units

**AR122. HISTORY OF ARCHITECTURE 2**

Architectural manifestation of civilization and thoughts during the era of western dominance towards post modernism.

Credit : 3 units

Prerequisite : AR120

**AR123. HISTORY OF ARCHITECTURE 3**

Architectural reflections of traditional Asian thoughts and civilizations: their changes and challenges in contemporary life.

Credit : 3 units

Prerequisite : AR122

**AR124. HISTORY OF ARCHITECTURE 4**

Reflections on architecture in the Philippines: their changes and challenges in contemporary life and the ideology of conserving its architectural legacies.

Credit : 3 units

Prerequisite : AR123

**AR124X. HISTORY OF ARCHITECTURE EXIT EXAM**

The exam is designed to test students' ability to distinguish different factors in the evolution and development of Early & Primitive Architecture that affects the development of different styles used in early architecture; identify and categorize historical structures and its parts that influenced the different styles of architecture according to its culture, traditions and environments; and relate the evolution of the Philippine architecture to its local culture, traditions, economy and environment in the development of the emerging modern Philippine Architecture

Prerequisite/s : AR120, AR122, AR123

**AR125. HISTORY AND THEORY OF CONSERVATION**

The course traces the history of conservation, basic conservation principles and interpretation theories.

Credit : 3 units

Prerequisite : AR134

**AR126. DOCUMENTATION FOR HISTORIC BUILDING PRESENTATION**

The course will cover the basic methods and techniques for cataloguing architectural elements; handling archival documents, methods of reproducing and techniques in cataloguing data.

Credit : 3 units

Prerequisite : AR125

**AR127P. BUILDING ANALYSIS**

The course will explore methods of analysis, dissecting the building anatomy, discussion of physical conditions of old buildings.

Credit : 3 units

Prerequisite : AR126

**AR130. THEORY OF ARCHITECTURE 1**

Design theories with emphasis on perceptual and proxemic sensitivities in organizing forms and space.

Credit : 2 units

Prerequisite : AR122

**AR132. THEORY OF ARCHITECTURE 2**

Evaluation of current concepts, goals, processes and methodologies applicable to architectural design.

Credit : 3 units

Prerequisite : AR130

**AR132X. THEORY OF ARCHITECTURE EXIT EXAM**

The exam is designed to test students' ability to determine and apply the primary elements of designs and principles of design composition; relate the principles of architectural design to other art forms; assess the current theories and principles on architectural design and apply these theories and principles in the architectural design process; and correlate the significance of philosophies of great architects and their works to contemporary architecture

Prerequisite/s : AR130

**AR133P. ARCHITECTURAL INTERIORS**

Basic design exercises of interior spaces geared toward initial understanding of theories and principles in architectural interiors in relation to anthropometrics and ergonomics.

Credit : 3 units

Prerequisite : AR132

**AR134. RESEARCH METHODS FOR ARCHITECTURE**

Quantitative and operational methods in architectural design research activity, requirement in use analysis.

Credit : 3 units

Prerequisites : ENG12, AR147, AR147S

**AR135 -ARCHITECTURAL ESSAYS AND REVIEWS**

A course which deals with the study of architectural literature and technical reviews; also includes the critical analysis of the writings of architecture scholars, thinkers and critics

Credit : 3 units

Prerequisites : AR132, AR124

**AR141P. ARCHITECTURAL DESIGN 1-INTRODUCTION TO DESIGN**

Design fundamentals involving basic creative design exercises with emphasis on space, form and mass.

Credit : 2 units

Prerequisites : AR120; AR103, AR103S

**AR142P. ARCHITECTURAL DESIGN 2- CREATIVE DESIGN FUNDAMENTALS**

Design exercises involving anthropometrics, modular coordination, functional relationships and activity circuits including basic design techniques and tools.

Credit : 2 units

Prerequisite : AR141P

**AR143. ARCHITECTURAL DESIGN 3-CREATIVE DESIGNS IN ARCHITECTURAL INTERIORS**

Design exercises stressing the value of programming, orientation, and spatial relationship.

Credit : 1 unit

Prerequisite : AR142P, AR133P

Paired : AR143S

**AR143S. ARCHITECTURAL DESIGN 3- CREATIVE DESIGNS IN ARCHITECTURAL INTERIORS**

A studio course accompanying AR143.

Credit : 2 units

Prerequisites : AR142P, AR133P

Paired : AR143

**AR143X. COMPREHENSIVE EXAM**

The exam is designed to test students' ability to apply knowledge gained in history, theory of architecture, building materials, interior and architectural design courses to design problems focusing on space programming, orientation and spatial relationship.

Prerequisite/s : AR133P, AR142P, AR124X, AR132, AR132X

**AR144. ARCHITECTURAL DESIGN 4 – VERNACULAR ARCHITECTURE AND ECOLOGICAL DESIGN**

Design exercises involving innovative approaches on vernacular architecture including energy conservation and space management.

Credit : 1 unit

Prerequisites : AR143, AR143S, AR143X

Paired : AR144S

**AR144S. ARCHITECTURAL DESIGN 4 - VERNACULAR ARCHITECTURE AND ECOLOGICAL DESIGN**

A studio course accompanying AR144.

Credit : 2 units

Prerequisites : AR143, AR143S, AR143X

Paired : AR144

**AR145. ARCHITECTURAL DESIGN 5 - SPACE PLANNING**

Design exercises stressing the analysis of space requirements based on organizational structure, functional set up and human behavior to focus on linkages and interaction to spaces.

Credit : 1 unit

Prerequisites : AR144, AR144S

Paired : AR145S

**AR145S. ARCHITECTURAL DESIGN 5 - SPACE PLANNING**

A studio course accompanying AR145.

Credit : 3 units

Prerequisites : AR144, AR144S

Paired : AR145

**AR146. ARCHITECTURAL DESIGN 6 - SITE DEVELOPMENT PLANNING & LANDSCAPING**

Design exercises stressing environmental analysis, aesthetic, topographic, geologic, and seismologic conditions, utilities, circulations, legal considerations and sensitivities of man.

Credit : 1 unit

Prerequisites : AR145, AR145S, AR171P

Paired : AR146S

**AR146S. ARCHITECTURAL DESIGN 6 - SITE DEVELOPMENT PLANNING & LANDSCAPING**

A studio course accompanying AR146.

Credit : 3 units

Prerequisites : AR145, AR145S, AR171P

Paired : AR146

**AR147. ARCHITECTURAL DESIGN 7 - COMMUNITY ARCHITECTURE AND URBAN DESIGN**

Design exercises giving emphasis on the socio-cultural activities of man, architectural conservation, proxemics and materials for architecture and designing with nature.

Credit : 1 unit

Prerequisites : AR146, AR146S, AR173P

Paired : AR147S

**AR147S. ARCHITECTURAL DESIGN 7 - COMMUNITY ARCHITECTURE AND URBAN DESIGN**

A studio course accompanying AR147.

Credit : 4 units

Prerequisites : AR146, AR146S, AR173P

Paired : AR147

**AR148. ARCHITECTURAL DESIGN 8 - DESIGN OF COMPLEX STRUCTURES**

Design exercises giving emphasis to process and development of building structures, utilities, laws, structural concepts and ecological planning.

Credit : 1 unit

Prerequisites : AR147, AR147S

Paired : AR148S

**AR148S. ARCHITECTURAL DESIGN 8 - DESIGN OF COMPLEX STRUCTURES**

A studio course accompanying AR148.

Credit : 4 units

Prerequisites : AR147, AR147S

Paired : AR148

**AR151. SCIENCE, ENVIRONMENT AND SOCIETY**

The course is about environmental classification, laws, issues and other factors that affect the natural environment. It also covers issues on safety and safety precautions.

Credit : 3 units

**AR152. TROPICAL ARCHITECTURE**

Design theories with emphasis on perpetual and proxemic sensitivities in organizing forms and space.

Credit : 3 units  
Prerequisites : AR151

#### **AR 153. BUILDING UTILITIES 1- PLUMBING AND SANITARY SYSTEMS**

Principles and practices in plumbing and sanitary systems- its design, installation, operation and maintenance in buildings in relation to the immediate surroundings or environment. .

Credit : 3 units  
Prerequisite : AR151

#### **AR154. BUILDING UTILITIES 2 – MECHANICAL, ELECTRICAL AND ELECTRONIC SYSTEMS OF BUILDING**

Mechanical, electrical and electronic systems in buildings- materials, equipment, design, installation and maintenance.

Credit : 3 units  
Prerequisite : AR153

#### **AR155. BUILDING UTILITIES 3 – ACOUSTICS AND LIGHTING SYSTEMS**

The psycho-physics of acoustics and lighting- its measurement, analysis and application to architectural discipline.

Credit : 3 units  
Prerequisite : AR154

#### **AR155X. BUILDING UTILITIES EXIT EXAM**

The exam is designed to test student's knowledge of the principles of sanitary, electro-mechanical, lighting, acoustics and other ancillary systems and their application to architectural design and building construction.

Prerequisite/s : AR154

#### **AR156. GREEN BUILDING PRINCIPLES AND TECHNIQUES**

Basic principles of designing, building, renovating, operating or re-using buildings in an ecological and resource efficient manner. The course provides in depth technical information on the strategies and systems needed to create low energy, green buildings and landscape areas.

Credit : 3 units  
Prerequisite : AR155X, AR146, AR146S

#### **AR157. GREEN BUILDING RATING SYSTEM**

The course shall provide an overview of the environmental condition in the Philippines and the World and the various existing green building rating systems. The various parameters of the rating systems will be reviewed and compared. A current applicable certification rating scheme will be selected for detailed discussion.

Credit : 3 units  
Prerequisite : AR156

#### **AR158P. SUSTAINABLE DESIGN STUDIO**

Design exercises and case studies on green design solutions in real settings.

Credit : 3 units  
Prerequisite : AR157

#### **AR161. BUILDING TECHNOLOGY 1 - BUILDING MATERIALS**

Building materials: its properties, composition, application and articulation, including the mode of specifying these materials in building construction.

Credit : 3 units

#### **AR162P. BUILDING TECHNOLOGY 2 - CONSTRUCTION DRAWINGS IN WOOD, MASONRY, STEEL AND CONCRETE**

Construction methods and techniques and the production of working drawings of a two storey building structure in wood, masonry, reinforced concrete and steel.

Credit : 3 units  
Prerequisites : AR161, AR154

#### **AR163P. BUILDING TECHNOLOGY 3 - CONSTRUCTION DRAWINGS IN STEEL CONCRETE AND MASONRY**

Construction methods and techniques and the production of working drawings of a medium- rise building of reinforced concrete, masonry, glass and steel.

Credit : 3 units  
Prerequisite : AR162P

#### **AR164P. BUILDING TECHNOLOGY 4- ALTERNATIVE BUILDING CONSTRUCTION SYSTEMS**

Construction methods and techniques for different types of buildings using any appropriate alternative building construction system.

Credit : 3 units  
Prerequisite : AR163P

#### **AR 165P. BUILDING TECHNOLOGY 5 - SPECIFICATIONS**

**WRITING AND ESTIMATING.** Specifications writing using uniform system or master format, estimating methods and quantity surveying.

Credit : 3 units  
Prerequisite : AR164P

#### **AR165X. BUILDING TECHNOLOGY EXIT EXAM**

The exam is designed to test student's knowledge of the properties of building construction and finishing materials; their application and articulation; systems and methods of specifying and construction; and application of the principles of design and construction methods of various types of materials used in construction.

Prerequisite/s : AR164P

#### **AR 171P. PLANNING 1 – SITE PLANNING & LANDSCAPE ARCHITECTURE**

The artistic and functional arrangement of buildings, open spaces, service areas, circulation and other external areas; techniques in the enhancement and design of exterior environments.

Credit : 3 units:  
Prerequisites : AR142P, AR151

#### **AR 172 URBAN SOCIOLOGY**

A course which deals with the study of societal conditions in urban centers where sociological input has far reaching influences in design; social aspects of housing shall also be covered.

Credit : 3 units  
Prerequisite : AR171P

**AR 173P. PLANNING 2 – FUNDAMENTALS OF URBAN DESIGN AND COMMUNITY ARCHITECTURE**

Order, culture and expression in the design of the exterior environment in neighborhoods, communities, towns and cities.

Credit : 3 units  
Prerequisite : AR172

**AR174. HOUSING**

Socio-cultural and institutional challenges for effective delivery of housing in the Philippines.

Credit : 3 units  
Prerequisite : AR172

**AR175. COMMUNITY PLANNING DEVELOPMENT**

Introduction to the study of the community, focusing on community organization, ecology and major social institutions and groups within the community services. Discussions will be within the context of patterns of community interaction, processes and dynamics.

Credit : 3 units  
Prerequisite : AR173P

**AR176. PLANNING 3 – INTRODUCTION TO URBAN & REGIONAL PLANNING**

Concepts and emerging trends, methods and techniques in urban and regional planning; design of human settlements, and overview of land use in the planning of regions.

Credit : 3 units  
Prerequisites : AR173P, AR174

**AR176X PLANNING EXIT EXAM**

The exam is designed to test students' ability to apply site planning principles with emphasis on ecological, socio-psychological, aesthetic and functional considerations; correlate history and planning theories to ecology and sustainable development; and apply current laws, thoughts and practices as regards plan formulation and implementation

Prerequisite/s : AR173P, AR174

**AR177. ENVIRONMENTAL IMPACT STUDIES**

A course which deals with the basics of environmental engineering science, procedures in obtaining ECC, preparation of IEE, EIA and EIS for projects; laws, regulations and implementing guidelines for environmental safety and conservation.

Credit : 3 units  
Prerequisite : AR175

**AR178P. URBAN DESIGN STUDIO**

Design exercises on complex design problems in real urban settings.

Credit : 3 units  
Prerequisite : AR177

**AR 181. PROFESSIONAL PRACTICE 1 - LAWS AFFECTING THE PRACTICE OF ARCHITECTURE**

Legal obligations and responsibilities of the Architect. The course is designed to provide the students with the basic knowledge of all laws related to the practice of architecture.

Credit : 3 units  
Prerequisites : AR144, AR144S

**AR 182. PROFESSIONAL PRACTICE 2 - ADMINISTERING THE REGULAR SERVICES OF THE ARCHITECT**

Architecture as a profession, ethical norms and office procedures. The course is designed to provide the students with the basic understanding of the practice of architecture - basic services that the architect renders within the context of professionalism, ethical conduct and quality service delivery.

Credit : 3 units  
Prerequisite : AR181

**AR183. PROFESSIONAL PRACTICE 3 - GLOBAL PRACTICE FOR THE 21<sup>ST</sup> CENTURY**

The Architect, the Firm, the Project in the Global Arena. The course is designed to provide the students with an expanded view of the role of the architect in the built environment and the emerging transformation of the practice of architecture in a global setting.

Credit : 3 units  
Prerequisite : AR182

**AR184. PROFESSIONAL PRACTICE 4 - ARCHITECTURAL SEMINARS**

Covers seminars on varied aspects of architecture (technical, social, economic, aesthetics, etc); new materials, technology, environmental safety and preservation and other current issues on design and planning. Students are required to render written and illustrated reports for discussion as training for oral presentation and preparation of visual communication materials.

Credit : 1 unit  
Prerequisite : AR183

**AR184X. PROFESSIONAL PRACTICE EXIT EXAM**

The exam is designed to test students' understanding of the role, legal rights and obligations, and responsibilities of the architect; Analysis and application of the various statutes, codes, and regulations affecting the practice of architecture in the Philippines; and understanding of the various aspects of the professional practice of architecture, including tools and techniques related to production, construction, resource allocation, and project management, as well as the efficient conduct of client and business relations for building design and construction projects.

Prerequisite/s : AR183

**AR185. SAFETY ENGINEERING**

Safety engineering in the workplace and in the field; the role of the safety engineer; hazardous materials, work

zones and practices; accident prevention and response and the inculcation of discipline and proper attitude towards the implementation of safety programs.

Credit : 3 units  
Prerequisites : AR165P, AR182

#### **AR186. PROJECT MANAGEMENT AND EVALUATION**

Fundamentals of project management; overview of its nature, scope, phases and objectives. The course aims to develop the student's capability to define the project, breakdown its components and identify its resource requirements.

Credit : 3 units  
Prerequisite : AR185

#### **AR187. RESOURCE MANAGEMENT**

The course aims to orient the student with the role of resource managers in project management; familiarization with the tools and concepts in managing people, materials and equipment; staff development and personnel relationship; material equipment procurement and programming.

Credit : 3 units  
Prerequisite : AR186

#### **AR191. HISTORIC STYLES IN INTERIORS**

The course centers on the study of architectural interiors and furniture, more commonly referred to as "period" styles. Focus will be on design vocabulary and expression manifested in the craftsmanship and details of the various periods. In the later part of the course, the focus will be on the "Bauhaus" and on furniture designed by famous architects like Mies Van de Rohe, Charles Eames, Frank Lloyd Wright, Eero Saarinen, Alvar Aalto, etc.

Credit : 3 units  
Prerequisite : AR134

#### **AR192. MATERIALS AND RESOURCES**

Comprehensive study of the materials used in Interior Design; their background, nature qualities, applications and installation. Introduction to resources available, which include wood, metals, hardware, stones, different kinds of tiles and glass, and soft materials, which include fabrics, carpets, wall covers, art works, wall decors and artificial plants and flowers fabrication/arrangements.

Credit : 3 units  
Prerequisite : AR191

#### **AR193P. ADVANCED ARCHITECTURAL INTERIOR**

Covers comprehensive and detailed studies of the function, structure and aesthetic aspects of the interior of buildings. The integration of furniture design, interior decoration, display, exhibition and stage design techniques, design of decorative elements in various materials such as wood, ceramics, glass metal, etc. utilization of previous studies and experience in properties of materials, structures, graphic expression and three dimensional forms.

Credit : 3 units  
Prerequisites : AR192

**AR198R. ARCHITECTURAL INTERNSHIP** Apprenticeship in an architectural firm and a construction company to acquaint and expose the students into the real world and practice of architecture.

Credit : 3 units  
Prerequisites : AR148/AR148S, AR183

#### **AR198-1P. ARCHITECTURAL DESIGN AND PLANNING**

Review of selected past architectural design problems and projects as case studies, with emphasis on re-evaluating previous student solutions and studying new options. New case studies and design issues on various building types with emphasis on planning, design parameters and requirements. Exercises will simulate licensure examination design problems.

Credit : 3 units  
Prerequisite : For graduating students only, AR155X, AR165X, AR176X, AR184X, CE135X

#### **AR198-4. ARCHITECTURAL PRACTICE AND MANAGEMENT**

Correlation between laws, standards of practice, construction management and various topics that reflect on professional ethics and how they relate to current practice of architectural profession. Review and synthesis of important statutes, codes and regulations governing the practice of architecture, management and marketing principles that impacts on professional delivery of service.

Credit : 2 units  
Prerequisite : For graduating students only, AR155X, AR165X, AR176X, AR184X, CE135X

#### **AR198-5. BUILDING SYSTEMS**

Synthesis of building systems such as water, drainage, sanitary, mechanical, electrical, electronics, acoustical, conveyance, fire safety, alarm, and other auxiliary systems. Review of various code requirements on building and utility systems.

Credit : 2 units  
Prerequisite : For graduating students only, AR155X, AR165X, AR176X, AR184X, CE135X

#### **AR198-6. ARCHITECTURAL THEORY AND HISTORY**

Correlation between architectural history, theory, and various topics that reflect on design philosophies of various periods and how they relate to current practice of architectural profession. Review and synthesis of important principles and design innovations in its social, technological, political, economic and cultural contexts that affect man's appreciation of space, form and aesthetics.

Credit : 2 units  
Prerequisite : For graduating students only, AR155X, AR165X, AR176X, AR184X, CE135X

#### **AR198-7. STRUCTURAL SYSTEMS**

Synthesis of structural theory and design. Empirical and practical aspects of timber, steel, concrete and alternative

structural systems design and review of various codes on structural systems.

Credit : 2 units

Prerequisite : For graduating students only, AR155X, AR165X, AR176X, AR184X, CE135X

#### **AR198X CORRELATION EXIT EXAM**

The exam is designed to test students' knowledge of history and theory of architecture, principles of planning, architectural practice, urban design, architectural interiors, structural design, building materials and construction, utilities, architectural design and site planning

Prerequisite/s : FOR GRADUATING STUDENTS ONLY

#### **AR200. ARCHITECTURAL DESIGN 9 – THESIS RESEARCH WRITING**

Design exercises stressing the importance of collaboration in solving architectural problems; preliminary research and studies for the terminal project.

Credit : 1 unit

Prerequisites : AR148, AR148S, AR134, AR198R

Paired : AR200S, AR200F

#### **AR200S. ARCHITECTURAL DESIGN 9 – THESIS RESEARCH WRITING**

A studio course accompanying AR200.

Credit : 2 units

Prerequisites : AR148, AR148S, AR134, AR198R

Paired : AR200, AR200F

#### **AR200F. ARCHITECTURAL DESIGN 9 - THESIS RESEARCH WRITING**

A field study accompanying AR200.

Credit : 2 units

Prerequisites : AR148, AR148S, AR134, AR198R

Paired : AR200, AR200S

#### **AR200-1. ARCHITECTURAL DESIGN 10 - THESIS RESEARCH APPLICATION 1**

Terminal project involving a comprehensive problem in building, interior and landscape architecture, integrating the process and issues of previous studies.

Credit : 1 unit

Prerequisites : AR200, AR200S, AR200F

Paired : AR200-1S, AR200-1F

#### **AR200-1S. ARCHITECTURAL DESIGN 10 - THESIS RESEARCH APPLICATION 1**

A studio accompanying AR200-1.

Credit : 1 unit

Prerequisites : AR200, AR200S, AR200F

Paired : AR200-1, AR200-1F

#### **AR200-1F. ARCHITECTURAL DESIGN 10 - THESIS RESEARCH APPLICATION 1**

A field study accompanying AR200-1.

Credit : 1 unit

Prerequisites : AR200, AR200S, AR200F

Paired : AR200-1, AR200-1S

#### **AR200-2S. ARCHITECTURAL DESIGN 11 - THESIS RESEARCH APPLICATION 2**

Continuation of Architecture Design 10.

Credit : 1 unit

Prerequisites : AR200-1/AR200-1S/ AR200-1F

Paired : AR200-2F

#### **AR200-2F. ARCHITECTURAL DESIGN 11- THESIS RESEARCH APPLICATION 2**

**A field study accompanying AR200-2S.**

Credit : 1 unit fieldwork

Prerequisites : AR200-1, AR200-1S, AR200-1F

Paired : AR200-2S

#### **ID101D. TECHNICAL DRAWING 1**

Introduction to technical drawing as a design tool, different materials and tools, presentation concepts and techniques, including drafting discipline and conventions. Geometric construction.

Credit : 1 unit

#### **ID102D. TECHNICAL DRAWING 2**

Continuation of technical drawing 1.

Credit : 1 unit

Prerequisite : ID101D

#### **ID103D. TECHNICAL DRAWING 3**

Continuation of technical drawing 2. The range of technical drawings will cover the range of mechanical drawing, working drawings and presentation drawings, geometric construction, perspective and descriptive geometry. The subject will cover detailing shop drawings with details and specifications.

Credit : 1 unit

Prerequisite : ID102D

#### **ID104L. COMPUTER AIDED DRAFTING**

Continuation of technical drawing courses, this time incorporating computer as a drafting tool. Familiarization with various identified application software for computer aided drafting, focusing on the task of entity creation within different environments, comparing and contrasting different software in terms of ease of use and file management. Focus will be on two-dimensional applications.

Credit : 1 unit

Prerequisites : ID103D

#### **ID105L. COMPUTER AIDED DRAFTING 2**

The continuation of ID104L. The course deals with aspects of three-dimensional drafting and design as well as 3D modeling and rendering.

Credit : 1 unit

Prerequisite : ID104L

#### **ID106L. COMPUTER AIDED DRAFTING AND DESIGN 1**

The course aims to give students a practical understanding on the use of current software for industrial design. This will include conceptual design with technical constraints to final rendering of the designed product. It will give the student greater understanding of the verification tools by using it to assist in executing design decisions. Learning process will deal with theories and methods for constructive modeling, detailing, rendering and presentation, from simple curves and primitives to complex surfaces. Topics discussed will include point, line, plane, 2-D and 3-D surfaces, solids, color and texture and application of lighting.

Credit : 2 units

Prerequisite : ID105L

#### **ID107L. COMPUTER AIDED DRAFTING AND DESIGN 2**

Continuation of ID106L. Continuation of basic computer aided drafting and design course, advancing into more complex drawing activities specifically three-dimensional modeling using identified software as progression from basic modules, focusing again on entity creation and managing files within different platforms for different presentation requirements as well as basic animation. The emphasis is to develop designers who can design using computers. The subject will cover familiarization with other computer tools and accessories – scanners, cameras, and various storage devices.

Credit : 2 units

Prerequisite : ID106L

#### **ID121P. VISUAL TECHNIQUES 1**

The course aims to provide the student with the needed tools and skills to visualize and externalize through visuals design concepts and ideas. The course will cover visual perception and familiarization with visualization and drawing tools, materials and techniques.

Credit : 2 units

#### **ID122S. VISUAL TECHNIQUES 2**

This course is the continuation of Visual Techniques 1. The course aims to develop the skill of doing quick concept sketches that are presentable and understandable in free hand. The range of visual techniques subject will span the range from monochromatic to polychromatic drawings and presentation progressing into more complex techniques and subject matter.

Credit : 2 units

Prerequisite : ID121P

#### **ID123S. VISUAL TECHNIQUES 3**

This course is the continuation of Visual Techniques 2. The subject will include introduction to different rendering media for presentation drawings.

Credit : 2 units

Prerequisite : ID122S

#### **ID124S. VISUAL TECHNIQUES 4**

This course is the continuation of Visual Techniques 3. After this course, the students are expected to have acquired mastery of different rendering techniques and materials.

Credit : 2 units

Prerequisite : ID123S

#### **ID125S. PHOTOGRAPHY**

The course will introduce to the students a documentation tool. It will include the concept of photography. It will initially cover optical photography, the relationship of lighting to subject, tools and uses. Topics to be discussed will also include the study of photography equipment and their uses, different lenses and films, theoretical introduction to processing and printing. Discussions will advance towards digital photography and finally product shooting.

Credit : 2 units

#### **ID126L. DIGITAL GRAPHICS 1**

This course provides the technical component of the communications design course. It will cover introduction to graphics software for specific drawing and presentation requirements, and manipulation of text and visuals both created and captured through photography or other methods. The course will familiarize the students with the more popular platforms currently used in graphics design.

Credit : 2 units

Prerequisite : ID123S

#### **ID127L. DIGITAL GRAPHICS 2**

This course is the continuation of Digital Graphics 1, progressing into more complex graphics design and presentation requirements; expanding variety and depth of use of various application software; incorporating more complex visual elements other than text and visuals and some basic animation and enhancement of captured images also for web applications.

Credit : 2 units

Prerequisite : ID126L

#### **ID128L. DIGITAL GRAPHICS 3**

This course is the continuation of Digital Graphics 2. It will also cover introduction of animation to presentation.

Credit : 2 units

Prerequisite : ID127L

#### **ID131S. FORM DEVELOPMENT 1**

Introduction to the task of generating and developing forms as structures and as visual entities. Topics to be discussed are visualization and externalization of forms; familiarization with different materials and tools to develop and manipulate forms; and understanding the attributes of forms, their symbolism and association. The course also aims to develop model-making skills and how to make 3D sketches. The series of form development courses will cover the range of various model constructions in terms of materials and techniques.

Credit : 2 units



**ID132-0S. FORM DEVELOPMENT 2**

Continuation of Form Development 1, advancing into more complex three dimensional visualization and form development activities. Familiarization with other materials and tools to develop and manipulate forms integral to other design project requirements. Introduction to advanced model making techniques.

Credit : 2 units

Prerequisite : ID131S

**ID133S. FORM DEVELOPMENT 3**

Continuation of Form Development 2. The course progresses to more advanced model making techniques and finishing.

Credit : 2 units

Prerequisite : ID132-0S

**ID134P. DESIGN FUNDAMENTALS 1**

Introduction to design – the design process, design methods, and the nature of industrial design; industrial design as a specialized design field, its relationship with other design disciplines and specialization.

Credit : 4 units

Prerequisite : ID122S

**ID135P. DESIGN FUNDAMENTALS 2**

Continuation of Design Fundamentals 1. The course will cover additional problem solving and design methods, including creativity techniques. The course will also deal in depth with specific design cases focusing on methodologies.

Credit : 4 units

Prerequisite : ID134P

**ID138. INDUSTRIAL MATERIALS AND PROCESSES 1**

The course is a study and exploration of different materials being used in the manufacturing industry. Discussion will focus on the properties of these materials, their common names and identification and related specifications, including the different processes involved in manufacturing the materials. The subject will cover the range of materials from metals to plastics.

Credit : 2 units

Prerequisite : ID134P

Paired : ID138F

**ID138F. INDUSTRIAL MATERIALS AND PROCESSES FIELD 1**

A field study accompanying ID138.

Credit : 1 unit

Prerequisite : ID134P

Paired : ID138

**ID139. INDUSTRIAL MATERIALS AND PROCESSES 2**

Continuation of Industrial Materials and Processes 1. The course is a study and exploration of different processes involved in the manufacturing industry. The course will focus on the properties of these processes, their common

names and identification and related specifications, including equipment and facility requirements. It will provide the students with a working knowledge of processes for mass or series production. It may require actual factory visits to see firsthand these processes and equipment.

Credit : 2 units

Prerequisite : ID138/ ID138F

Paired : ID139F

**ID139F. INDUSTRIAL MATERIALS AND PROCESSES FIELD 2**

A field study accompanying ID139.

Credit : 1 units

Prerequisite : ID138/ ID138F

Paired : ID139

**ID141. HISTORY OF DESIGN**

This course introduces the students to the study of historical developments related to design, starting from the industrial revolution, covering styles and movements in the arts, architecture, and lifestyles that affect design. The focus is on understanding what brought about a particular style. Famous designers and their works will also be discussed.

Credit : 3 units

**ID144. PRODUCTION MANAGEMENT 1**

An overview of the production function of business, discussing various concepts of production planning and control, total quality management, and production process from theory to business case studies.

Credit : 3 units

Prerequisite : ID139, ID139F

**ID145. PRODUCTION MANAGEMENT 2**

Continuation of Product Management 1, focusing on more cases, quality control and quantitative approaches to management.

Credit : 3 units

Prerequisite : ID144

**ID146. MARKETING**

The course aims to provide the students with an understanding of the principles of marketing and how market forces affect design.

Credit : 3 units

**ID148. DESIGN PRACTICE**

The course aims to equip the students with the needed know-how in managing their design practice. It will cover management and other necessary learning like business laws related to design practice.

Credit : 3 units

Prerequisite : ID165P

**ID149. INDUSTRIAL DESIGN SEMINAR**

A course which deals with topics of special concern that will be needed in preparation for future trends in varied aspects of industrial design. Resource persons are invited from

industry to share real world scenarios. Students are required to render reports for discussion as training for oral presentation and preparation of visual communication materials.

Credit : 2 units  
Prerequisite : ID166P

#### **ID150. SUSTAINABLE PRODUCT DESIGN**

Awareness, understanding and integration of sustainable development issues within the design process are the underlying issues of this course. It provides basic knowledge and understanding of sustainable product development based on a multidisciplinary approach within a design and manufacture context. It also includes waste minimization, identification of and quantification of environmental impacts during the life cycle of a product/service from raw material abstraction to end of life disposal.

Credit : 2 units  
Prerequisite : ID135P

#### **ID151P. COMMUNICATIONS DESIGN**

Introduction to graphics design and visual communication, problem-solving process for communication design projects, incorporating acquired skills in visual techniques and computer subjects. Application of the design process to communication design projects and graphics design problems that will grow in complexity as the students' progress through the course.

Credit : 4 units  
Corequisite : ID126L  
Prerequisites : ID135P

#### **ID152P. PACKAGE DESIGN**

The course introduces the students into one of the areas of specialization for industrial design. The course will cover packaging structures and the communication aspect of packaging. It will include familiarization with different packaging materials and forms and the marketing aspect of packaging.

Credit : 4 units  
Prerequisites : ID151P, ID105L

#### **ID153P. FURNITURE DESIGN 1**

The course introduces the students into one of the areas of specialization for industrial design. It will cover furniture as human support structures and the styling aspect of furniture design. It will include familiarization with different materials and forms and the marketing aspect of furniture.

Credit : 4 units  
Prerequisites : ID135P, ID161P

#### **ID154P. FURNITURE DESIGN 2**

Continuation of Furniture Design 1.

Credit : 4 units  
Prerequisite : ID153P

#### **ID156P. CRAFTS DESIGN**

The course will introduce the students to the rudiments of designing for the crafts-based industry sector, integrating commercial and cultural considerations and the optimization of indigenous materials and skills.

Credit : 4 units  
Prerequisite : ID153P

#### **ID157P. SPATIAL DESIGN**

The course is an expansion of furniture design, covering the setting and related system for functional spaces, including exhibition design and visual merchandising. The students will be given the opportunity to work on exhibition design projects including interior and exterior environments with systems and fixtures.

Credit : 4 units  
Prerequisite : ID153P

#### **ID161P. ANTHROPOMETRY**

The course introduces the students to human factors in design, initially focusing on the measurement of man as they affect design of products with human interface, history of anthropometrics, sources of data and references.

Credit : 4 units  
Prerequisite : ID134P

#### **ID162P. CONTAINER DESIGN**

The course is the first in the hierarchy of product design projects. The course will provide the students with the opportunity to apply design fundamentals in solving basic containment design projects - relatively simple design problems with more static design considerations. The students will experience guided project work on the design and development of containers using planar and linear elements as well as volume forms.

Credit : 4 units  
Prerequisite : ID135P

#### **ID163P. ELECTROMECHANICAL COMPLEXITIES 1**

The course is next in the hierarchy of product design projects. The course will provide the students with the opportunity to apply design fundamentals in solving basic tool design projects involving relatively simple design problems with mechanical and electrical design considerations. The students will experience guided project work on the design and development of tools and gadgets focusing on functional analysis, form development, design detailing, and feasibility of solutions.

Credit : 4 units  
Prerequisite : ID135P

#### **ID164P. CONSUMER PRODUCT DESIGN**

The course provides the students with the opportunity to apply design fundamentals into design of consumer appliances. The focus will be on the acquisition of a working knowledge on the functioning of appliances, their operating principles, development of functional innovations, and product form and styling.

Credit : 4 units  
Prerequisites : ID163P, ID107L

#### **ID165P. PRODUCT STYLING**

Continuation of form development for consumer appliances and products, this time focusing on product styling for product families or product line with functional and styling innovation based on market segmentation and imaging.

Credit : 4 units  
Prerequisite : ID164P

#### **ID166P. PORTFOLIO**

This course provides the students with the chance to correlate all their design projects into a work portfolio and a class exhibition. They will be given the chance to rework past projects or to work on additional projects to cover the full range of possible design specialization.

Credit : 4 units  
Prerequisites : ID165P, ID154P

#### **ID171. HISTORY OF ART**

A historical survey of the world arts including the study of the classics; gothic, renaissance, baroque, Islamic and oriental architecture as well as styles influenced by the different art movements in Europe and Asia. Focus shall be on design vocabulary and expression with the end in view of providing a forum for art and design appreciation.

Credit : 2 units  
Prerequisite : ID141

#### **ID172P. EXHIBITION SYSTEMS DESIGN**

This course focuses on the design of fixtures and display stands for events such as large public exhibitions, conferences, trade shows and temporary displays for business, museums, libraries and galleries. It covers principles of thematic development and display, systems conceptual design approaches, safety regulations and applicable standards, graphic design, signage, materials, lighting and visual control.

Credit : 2 units  
Prerequisites : ID107L, ID157P

#### **ID173P. TRANSPORTATION DESIGN**

The course will encompass the design of automobiles or other modes of transportation including performance products for sports, recreational and entertainment activities. It offers a comprehensive understanding of automotive technology concepts and the history of modern transportation design and its emerging needs. This course will provide students with an introduction to the transportation design field through an engagement of the basic design processes universally implemented throughout the automotive industry also challenge them to make their own contribution on visualizing the future of mobility.

Credit : 2 units  
Prerequisites : ID107L, ID161P, ID165P

#### **ID174P. PRODUCT SERVICE SYSTEM DESIGN**

The course aims to address the emerging design intervention need of new generation business models. The course will focus on comprehensive and organized product-service design to generate ideas and business concepts covering both hardware and software systems. The course will involve topics on forecasting, user-oriented product development and strategies to develop technologies that integrate products and services aimed to generate new business ideas mostly to produce sustainable goods.

Credit : 2 units  
Prerequisites : ID151P, ID161P, ID165P

#### **ID175. BASIC PRINCIPLES OF ENTREPRENEURSHIP**

The course covers the different principles and processes in business management to assist students in conceptualizing, developing and implementing entrepreneurial projects.

Credit : 2 units  
Prerequisites : ID148

#### **ID176. ENTREPRENEURIAL COMPETENCIES**

The course focuses on various entrepreneurial traits, behavior and competencies. Self-assessment to determine the level of predisposition to entrepreneurship may be performed by students. The course also includes personal entrepreneurial competencies, management styles, business ethics, duties and responsibilities of entrepreneur.

Credit : 2 units  
Prerequisites : ID148

#### **ID177. INTELLECTUAL PROPERTY**

This course provides an introduction to the legal intellectual property issues which matter in the practice of industrial design. It develops the ability for designers to seize opportunities and maximize value as well as how to ensure rights are not lost and those created are protected. It also discusses licensing agreements and the latest rules on technology contracts.

Credit : 2 units  
Prerequisites : ID148

#### **ID199R: PRACTICUM**

The course will require the students 240 hours of on-the-job training in a design or manufacturing firm. Classroom sessions will reinforce the students' knowledge in professional design practice.

Credit : 3 units  
Prerequisites : ID166P, ID148

#### **ID200. THESIS 1**

The course provides the chance for the students to propose and implement a design project as the culmination and assimilation of all their design studies. This first course will cover proposal writing and the initial directed research to establish the final thesis proposal.

Credit : 3 units  
Prerequisites : ID166P, RES100-2

**ID200-2P.THESIS 2**

This is the continuation of Thesis 1 - further research and studies on the proposal to define design problem and parameters until the final design brief.

Credit : 3 units  
Prerequisite : ID200

**ID200-3. THESIS 3**

This is the continuation of Thesis 2 where the design project is implemented until the design solution culminates to a thesis presentation and defense.

Credit : 1 unit  
Prerequisite : ID200-2P  
Paired : ID200-3S, ID200-3F

**ID200-3F. THESIS 3 FIELD**

A field study accompanying ID200-3.

Credit : 1 unit  
Prerequisite : ID200-2P  
Paired : ID200-3, D200-3S

**ID200-3S. THESIS 3 STUDIO**

A studio course accompanying ID200-3.

Credit : 1 unit  
Prerequisite : ID200-2P  
Paired : ID200-3, D200-3F

**INT100. THEORY OF INTERIOR DESIGN**

An analytical study of design theories in terms of aesthetics and its interpretations in forms and spaces. In particular, the course focuses on what is a good design and the theoretical frameworks of the interior design discipline.

Credit : 3 units

**INT101-1P. VISUAL TECHNIQUES 1**

Drawing and illustration techniques and methods in monochrome presentation.

Credit : 2 units

**INT102-1P. VISUAL TECHNIQUES 2**

Continuation of the exercises in Visual Techniques 1, with emphasis on landscape, still life, interior elements and tablespace compositions. Medium: pen, charcoal, pencil, water color and acrylic.

Credit : 2 units  
Prerequisite : INT101-1P

**INT104P. VISUAL TECHNIQUES 3**

Rendering Techniques in various media. Further development of presentation skills, rendering techniques in line, shades and shadows; organizing and mounting samples and other elements for board presentations. Medium: pencil, ink, water color, air brush, colored pencil, and felt tip pens and acrylic.

Credit : 2 units  
Prerequisite : INT102-1P

**INT105P. COLOR THEORY**

Study of the principles of color pigments, analysis of its source and characteristics; preparation of the color wheel, color planning, distribution and treatment for various interiors. The selection and application of colors in contemporary and traditional schemes are analyzed.

Credit : 2 units  
Prerequisite : INT100

**INT107. COLOR RENDERING**

Study of specialized color rendering techniques as used for interior presentation drawings.

Credit : 1 unit  
Prerequisites : INT105P  
Paired : INT107S

**INT107S. COLOR RENDERING STUDIO**

A studio course accompanying INT 107.

Credit : 2 units  
Prerequisite : INT105P  
Paired : INT107

**INT109. COLOR DYNAMICS**

Study of the effects of color upon each other, the environment, and on human behavior: psychology, characteristics and properties of color. The course includes exercises on color illusions, effects and application of color theories and schemes as used in art and interior.

Credit : 1 unit:  
Prerequisites : INT107, INT107S  
Paired : INT109S

**INT109S. COLOR DYNAMICS STUDIO**

A studio course accompanying INT109.

Credit : 2 units  
Prerequisites : INT107, INT107S  
Paired : INT109

**INT109X COLOR THEORY EXIT EXAM**

The exam is designed to test student's understanding of concepts and terminologies related to color theory including the principles and dimensions of color; ability to analyze the color dimensions in interior space use with proper application of color schemes.

Prerequisite/s : INT107, INT107S

**INT110P. PERIOD COLOR**

A further study on color, focusing on the preparation of suitable color schemes for specific styles based on period color formulate.

Credit : 3 units  
Prerequisites : INT109, INT109S

**INT110S. COLOR THEORY STUDIO**

Continuation of the exercises in INT105P.

Credit : 1 unit  
Prerequisite : INT105P

**INT121L. BASIC COMPUTER COURSE**

This course provides an overview of the evolving theoretical concepts of information and communication technologies, as well as their applications in projects. It also covers the role of IT in the built environment, computer-integration, process re-engineering, security and trust, information standardization, information systems, virtual reality and artificial intelligence. Basic computer course to familiarize the student with computers and software for word processing, spreadsheets and simple slide presentations.

Credit : 1 unit

#### **INT122P. CADD1. COMPUTER AIDED DESIGN & DRAFTING IN 2D**

The course aims to equip the student with practical knowledge of computers and software programs that are useful in interior design practice. The course focuses on the basic drawing tools for two-dimensional drawings.

Credit : 3 units

Prerequisite : INT121L

#### **INT123P. CADD 2. COMPUTER AIDED DESIGN & DRAFTING IN 3D**

Advanced study on the features and capabilities of the computer for three-dimensional drawings and perspective. The course introduces the concepts of Building Information Modelling (BIM) and deals with basic modeling techniques and managing a building information model. Students are introduced to the tools for parametric building design and documentation.

Credit : 3 units

Prerequisite : INT122P

#### **INT124P. CADD 3. COMPUTER AIDED DESIGN & ANIMATION**

A course in advanced computer-aided color rendering, modeling and animation for interior presentation, drawings and perspective using current software.

Credit : 3 units

Prerequisite : INT123P

#### **INT131. MATERIALS & RESOURCES 1**

A comprehensive study on the hard materials used in interior design; their background, nature, qualities, design applications, installation and fabrication. Introduction to resources available, which include wood, metals, hardware, stones, different kinds of tiles and glues.

Credit : 1 unit

Prerequisites : AR103, AR103S, INT100

Paired : INT131S

#### **INT131S. MATERIALS & RESOURCES STUDIO1**

A studio course accompanying INT131.

Credit : 2 units

Prerequisites : AR103, AR103S, INT100

Paired : INT131

#### **INT132. MATERIALS & RESOURCES 2**

A comprehensive study on soft materials used in interior design; their nature, qualities, design applications, installation and fabrication. Introduction to sources of fabrics, carpets, wall covers, art works, wall decors and artificial plants and flowers fabrication/arrangements.

Credit : 1 unit

Prerequisites : INT131, INT131S, INT133P

Paired : INT132S

#### **INT132S. MATERIALS & RESOURCES STUDIO 2**

A studio course accompanying INT132.

Credit : 2 units

Prerequisites : INT131, INT131S, INT133P

Paired : INT132

#### **INT132X MATERIALS OF DECORATION EXIT EXAM**

The exam is designed to test student's knowledge of the properties of building construction and finishing materials, their application and articulation; and application of the principles of design and construction methods of various types of materials used in interior construction.

Prerequisite/s : INT131, INT131S

#### **INT133P. MATERIALS OF BUILDING CONSTRUCTION**

The course will study the basic characteristics and properties, installation, and sourcing of building materials including preparation of specifications and bill of materials like wood, masonry and stone, metal glass, synthetic and their method of implementation as used in construction. Emphasis is on surface detailing of materials and other decorative features including their dimensions, basic construction methods and techniques.

Credit : 3 units

Prerequisites : INT131, INT131S

#### **INT134. FLOWER ARRANGEMENT AND PLANTSCAPING**

Study of styles and trends in flower arrangement and landscaping of interior gardens of different countries including distinctive characteristics and methods of arrangements. The course will also cover characteristics of plants that thrive in interior environments.

Credit : 3 units

#### **INT135. INTERIOR CONSTRUCTION AND DETAILING**

Structural principles in interior construction including the methods, technical, functional and legal aspects of the basic structural principles in interior construction, through working drawings and detailing. Survey of the building systems like air-conditioning, plumbing, life support systems as well as allied technical requirements will be discussed.

Credit : 1 unit

Prerequisite : INT133P

Paired : INT135S

#### **INT135S. INTERIOR CONSTRUCTION AND DETAILING STUDIO**

A studio course accompanying INT135.

Credit : 2units  
Prerequisite : INT133P  
Paired : INT135

#### **INT135X BUILDING CONSTRUCTION EXIT EXAM**

The exam is designed to test student's understanding of the properties of building construction and finishing materials, their application and articulation; systems and methods of specifying and construction, general design, installation and construction of utilities required for interior construction; and ability to analyze the utility facility and equipment requirements in relation to aesthetics and function of interior space.

Prerequisite/s : INT133P

#### **INT141. INTERIOR DESIGN 1**

An introduction to interior design and the fundamental principles involving the relationships of the different elements of design, with emphasis on ergonomics, creativity and design trends. This study is vital in giving the students the proper background and initial experience needed to develop self-confidence in all areas of design that are studied and applied through the students' individual projects. Problems include furniture layout and space planning for simple projects like one room apartment, flat, and studio.

Credit : 1 unit  
Prerequisites : INT 100, AR103, AR103S  
Paired : INT141S

#### **INT141S. INTERIOR DESIGN STUDIO 1**

A studio course accompanying INT141.

Credit : 2 units  
Prerequisites : INT 100, AR103, AR103S  
Paired : INT141

#### **INT142. INTERIOR DESIGN 2**

A more detailed study and application of interior design theories, especially a critical sense of space. The expertise of working with house requirements, space planning, furniture and finishes are acquired and expressed through oral and graphics presentations, with emphasis on condominiums and residences. Emphasis on detailed study on lighting layout, perspective rendering, selection of fabrics, furniture design and accessories, finishes and specification for residential including mansions, palaces, and penthouses.

Credit : 1 unit  
Prerequisites : INT141, INT141S  
Paired : INT142S

#### **INT142S. INTERIOR DESIGN STUDIO 2**

A studio course accompanying INT142.

Credit : 2 units  
Prerequisites : INT141, INT141S  
Paired : INT142

#### **INT143. INTERIOR DESIGN 3**

The fundamental elements and standards faced by the interior designer in creating business environments are stressed in this introduction to commercial floor plans by working with space system, as well as writing furniture specifications and cost estimate. Project includes small commercial establishments such as flower shops, boutiques, and other retail spaces including merchandising and window display.

Credit : 1 unit  
Prerequisites : INT142, INT142S  
Paired : INT143S

#### **INT143S. INTERIOR DESIGN STUDIO 3**

A studio course accompanying INT143.

Credit : 2 units  
Prerequisites : INT142, INT142S  
Paired : INT143

#### **INT144. INTERIOR DESIGN 4**

Continuation of commercial design with emphasis on exercises stressing the analysis of space requirements based on organizational structure, functional set up and human behavior to focus on linkages and interaction to spaces. The skills acquired in Interior Design 4 is directed towards corporate design, as well as modular workstations, writing office furniture specifications and cost estimate. Project includes corporate offices concentrating on creating a balance between company image, efficiency and nurturing work environments.

Credit : 1 unit  
Prerequisites : INT143, INT143S  
Paired : INT144S

#### **INT144S. INTERIOR DESIGN STUDIO 4**

A studio course accompanying INT144.

Credit : 2 units  
Prerequisites : INT143, INT143S  
Paired : INT144

#### **INT145. INTERIOR DESIGN 5**

The standards faced by an interior designer in creating hospitality spaces. Competencies for programming, diagramming and designing spaces such as resorts, spa, club house, hotel facilities, luxury liner, coffee shops, restaurants, and other catering lodging units are developed by working on detailed study on design, function, safety and budgetary requirements.

Credit : 1 unit  
Prerequisites : INT144, INT144S  
Paired : INT145S

#### **INT145S. INTERIOR DESIGN STUDIO 5**

A studio course accompanying INT145.

Credit : 2 units

Prerequisites : INT144, INT144S  
Paired : INT145

#### **INT146. INTERIOR DESIGN 6**

Design of hospitality spaces with emphasis on refining skills in space planning, problem solving and presentation drawings. The various techniques involved in executing a design problem and working with contract documents, details, acoustic and lighting techniques, specifications, and cost estimates are stressed. Problems include theatre, television or film set/stage design and exhibition.

Credit : 1 unit  
Prerequisites : INT145, INT145S  
Paired : INT146S

#### **INT146S. INTERIOR DESIGN STUDIO 6**

A studio course accompanying INT146.

Credit : 3 units  
Prerequisites : INT145, INT145S  
Paired : INT146

#### **INT147. INTERIOR DESIGN 7**

Designed to orient the students along the conceptual analysis of institutional and international projects with a detailed study on design, function, and budgetary requirements for scheduled projects like memorial homes, home for the aged, health facilities, educational and religious institutions and others.

Credit : 1 unit  
Prerequisites : INT146, INT146S  
Paired : INT147S

#### **INT147S. INTERIOR DESIGN STUDIO 7**

A studio course accompanying INT147.

Credit : 3 units  
Prerequisites : INT146, INT146S  
Paired : INT147

#### **INT152 HISTORY OF WORLD ART AND ARCHITECTURE**

A historical survey of the world arts including the study of the classics; gothic, renaissance, baroque, Islamic and oriental architecture as well as styles influenced by the different art movements in Europe. Focus shall be on design vocabulary and expression with the end in view of providing a forum for art and architectural appreciation.

Credit : 3 units

#### **INT152P. HISTORY OF INTERIOR DESIGN 1**

A historical survey of the art of interior design with emphasis on furniture styles, decorative motifs and dominant influences of each period from the ancient times to the eighteenth century. Research work on interior trends, motifs and dominant influences are supplemented with drawing plates for each historical style.

Credit : 3 units  
Prerequisite : INT152

#### **INT153P. HISTORY OF INTERIOR DESIGN 2**

Continuation of History of Interior Design 1. The course topics include historical survey of the Art of Interior Design from the 19<sup>th</sup> Century to the present. As part of the culminating activity and to relate the decorative motifs and furniture with the concepts of interior design, a scrapbook on the different furniture styles and typical room setting showing the dominant characteristics of each period is a pre-requisite for the credit.

Credit : 3 units  
Prerequisite : INT152P

#### **INT153X HISTORY OF INTERIOR DESIGN EXIT EXAM**

The exam is designed to test student's ability to analyze interior design manifestations from the beginning of civilization to contemporary periods of development; and to analyze the influences of environmental, historical, technical and socio-cultural factors and their relevance to the development of art, buildings, interior and furniture design.

Prerequisite/s : INT152P

#### **INT154P. HISTORY OF PHILIPPINE VISUAL ARTS, ARCHITECTURE AND INTERIOR DESIGN**

A course designed to expose students to the Philippine art culture through a survey of its development from the ancient times to the present. Emphasis is on paintings, architectural and interior details.

Credit : 3 units  
Prerequisite : INT152P

#### **INT161P. BUILDING UTILITIES**

Broad discussion of principles and practices in building utility systems, including plumbing, sanitary, electrical, mechanical systems, acoustic and lighting systems – their materials, equipment, installation, operation, maintenance, design, analysis and application to interior design discipline.

Credit : 2 units  
Prerequisite : INT133P

#### **INT162-1. LIGHTING DESIGN**

Study on the utilization of lighting techniques and the aesthetics of lighting in interior spaces. The course includes an in depth study of both the decorative and functional lighting in residential and contract design with emphasis on the lighting layout, specifications of fixtures, estimates of wattage requirements, and the effects of light and color on room orientation and character.

Credit : 3 units  
Prerequisite : INT161P

#### **INT163. MATERIALS SOURCING AND MANAGEMENT**

The course shall deal with methods and techniques in sourcing materials and fabricators that may be required in a project, cataloguing and creation of database. Topics include canvas and survey techniques, use of domestic and foreign trade catalogs, product and service directories, referrals, trade fairs, the internet; procurement, shipping, importation, tariff and custom procedures.

Credit : 3 units

Prerequisites : INT135/INT135S

INT146;INT146S

#### **INT164. RESTORATION AND ADAPTIVE REUSE OF INTERIOR SPACES**

The course aims to familiarize the students with the scientific aspects of interior restoration work at the same time develop his sense of appropriateness and discretion in advancing creative solutions to adaptive reuse and retrofitting in interior architecture.

Credit : 3 units

Prerequisites : INT135, INT135S, INT146, INT146S

#### **INT165. ADVANCED EXHIBITION DESIGN**

Design for specialized exhibition spaces, such as museums and galleries; organization of special thematic exhibitions; principles of thematic development and display, graphic design, signage, materials, display systems, lighting and visual control.

Credit : 3 units

Prerequisites : INT135, INT135S, INT146, INT146S

#### **INT166. ADVANCED VISUAL MERCHANDIZING**

Design for sales and merchandising display; showrooms, retail stores; principles of visual merchandising creating visual statements in window displays and showcases; product facing, massing and highlighting techniques; point of purchase, display and merchandizing systems, merchandizing aids, props and scenery effects; lighting and visual control.

Credit : 3 units

Prerequisites : INT135, INT135S, INT146, INT146S

#### **INT167. ART AND ANTIQUES**

Art and antiques for interiors; introduction to art and antique collecting; principles of appraisal and valuation; survey of international auction houses and shows, Philippine sources and sourcing.

Credit : 3 units

Prerequisites : INT135, INT135S, INT146, INT146S

#### **INT168. CASE STUDIES**

Seminar type interactive group or individual presentation, discussion and analysis of issues, trends and events relevant to interior design and its practice; individual written reports or reaction papers are required after presentation.

Credit : 3 units

Prerequisites : INT135, INT135S, INT146, INT146S

#### **INT169. CONTEMPORARY ART AND ARCHITECTURE**

Critical survey of contemporary works in art and architecture including interiors; the course aims to appraise the student on trends, revivals and experimental designs and keep him/her abreast of developments and emerging philosophies in the world; color forecasts, global influences, changing lifestyles, new technologies, materials and processes.

Credit : 3 units

Prerequisite: INT135;INT135S

#### **INT170. SUSTAINABLE DESIGN PRINCIPLES AND TECHNIQUES**

Basic principles of designing renovating and operating building interiors in an ecological and resource efficient manner. The course provides in depth technical information on the strategies and systems needed to create low energy, green building interiors.

Credit : 3 units

Prerequisite : INT135;INT135S, INT146;INT146S, INT161P

#### **INT171. FURNITURE DESIGN 1**

The course will study the basic elements involved in furniture production with special emphasis on materials, anthropometrics, design structure, joineries, construction detailing, presentation, cost estimates and scaled model production. Supplementary activities include exposure through factory visits and inviting resource speakers involved in the industry.

Credit : 1 unit

Prerequisites : INT144, INT144S, INT132, INT132S

Paired : INT171S

#### **INT171S. FURNITURE DESIGN STUDIO 1**

A studio course accompanying INT171.

Credit : 3 units

Prerequisites : INT144, INT144S, INT132, INT132S

Paired : INT171

#### **INT172. FURNITURE DESIGN 2**

An in depth study of furniture production requirements, such as full-sizing and detailing, prototype production, special construction techniques, joinery and finishes including specification development, preparation of bill of materials and cost estimates. It also will largely focus on built-in furniture.

Credit : 1 unit

Prerequisites : INT171, INT171S

Paired : INT172S

#### **INT172S. FURNITURE DESIGN STUDIO 2**

A studio course accompanying INT172.

Credit : 3 units

Prerequisites : INT171, INT171S

Paired : INT172

#### **INT172X FURNITURE DESIGN EXIT EXAM**

The exam is designed to test student's understanding of the principles of furniture design and ability to analyze the anthropometric, aesthetic, technical and manufacturing requirements of furniture design.

Prerequisite/s : INT171, INT171S

#### **INT181. PROFESSIONAL PRACTICE AND ETHICS**

Analysis and application of the various statutes, codes and regulations governing the practice of Interior Design in the Philippines, including office administration and management, project development, preparations of



specifications, estimates, contracts, scope of services, charges and other pertinent documents. A code of ethical conduct involving responsibilities to society, relationship with clients, fellow interior designers, allied professionals, contractual workers, material dealers and suppliers, aspirants to the professions and other parties involved in the practice of the profession.

Credit : 3 units  
Prerequisites : INT146, 146S

#### **INT182. BUSINESS MANAGEMENT IN INTERIOR DESIGN**

Study of all aspects of the business of Interior Design; legal, financial, and management needs for the operation of an Interior Design establishment. Study includes contracts, professional ethics, projects schedule and management, and other management and business procedures in interior design practice.

Credit : 3 units  
Prerequisite : INT181

#### **INT182X PROFESSIONAL ETHICS EXIT EXAM**

The exam is designed to test students' understanding of the role, legal rights and obligations, and responsibilities of the interior designer; analysis and application of the various statutes, codes, and regulations affecting the practice of interior design in the Philippines; and understanding of the various aspects of the professional practice of interior design as well as the efficient conduct of client and business relations for design and construction projects.

Prerequisite/s : INT181

#### **INT190L. PORTFOLIO PROJECT/COMPUTER GRAPHICS**

This course provides the students with the chance to correlate all their design projects into a work portfolio and a class exhibition. They will be given the chance to rework past projects or to work on additional projects to cover the full range of possible design specialization.

Credit : 1 unit  
Prerequisites : INT146, 146S, INT123P

#### **INT192. RESEARCH METHODS**

Quantitative and operational methods in interior design research activity, requirements in use and behavioral analysis.

Credit : 3 units  
Prerequisites : ENG12, INT146/146S

#### **INT198-1S. INTERIOR DESIGN STUDIO 11**

Review of past interior design problems and projects as case studies, with emphasis on re-evaluating previous student solution and studying new options. New case studies and design issues on various space types with emphasis on space planning, design parameters and requirements. Exercises will simulate licensure examination design problems.

Credit : 2 units  
Prerequisite : INT132X, INT135X, INT153X, INT172X, INT182X, INT200X  
For graduating students only

#### **INT198-2. FURNITURE SYSTEMS**

Review and synthesis of important principles in furniture design, materials, detailing, production and finishing. Correlation between furniture design and period and contemporary styles and the use of current materials, technology and processes.

Credit : 2 units  
Prerequisite : INT132X, INT135X, INT153X, INT172X, INT182X, INT200X  
For graduating students only

#### **INT198-3. INTERIOR DESIGN PRACTICE AND TRENDS**

Correlation between interior design laws, standards of practice and various topics that relate to current practice of interior design. Review and synthesis of all related statutes, codes and regulations governing the practice of Interior Design, management and marketing principles that enhance professional delivery of service.

Credit : 2 units  
Prerequisite : INT132X, INT135X, INT153X, INT172X, INT182X, INT200X  
For graduating students only

#### **INT198-4. INTERIOR DESIGN MATERIALS AND CONSTRUCTION SYSTEMS**

Correlation between interior design materials, furnishings finishes, and building systems such as water, drainage, sanitary, mechanical, electrical, electronics, acoustical, conveyance, fire safety, alarm, and other auxiliary systems. Empirical and practical aspects of building systems design, construction detailing, and review of various codes on building systems.

Credit : 2 units  
Prerequisite : INT132X, INT135X, INT153X, INT172X, INT182X, INT200X  
For graduating students only

#### **INT198-5. INTERIOR DESIGN HISTORY AND PRINCIPLES**

Correlation between interior design history, theory and various topics that reflect on design philosophies of various periods and how they relate to current practice of interior design. Review and synthesis of important principles and design innovations in its social, technological, political, economic and cultural contexts that affect appreciation of interior spaces.

Credit : 2 units  
Prerequisite : INT132X, INT135X, INT153X, INT172X, INT182X, INT200X  
For graduating students only

#### **INT198X INTERIOR DESIGN CORRELATION EXIT EXAM**

The exam is designed to test student's knowledge of color theory, history of interior design, materials of decoration, furniture design, building construction, interior design, professional practice and ethics in preparation to licensure exam in interior design.

Prerequisite/s : FOR GRADUATING STUDENTS ONLY

**INT199R. ON THE JOB TRAINING/PRACTICUM**

Apprenticeship in an architectural and/or interior design firm and a furniture manufacturing company. The purpose is to acquaint and expose the students into the real world and practice of interior design.

Credit : 3 units

Prerequisites : INT147, 147S, INT181

**INT200P. INTERIOR DESIGN 8**

A final course in interior design; specifically a thesis preparation synthesizing interior design theories, techniques and technical information where students develop a complete portfolio of an approved design project to meet professional presentation requirements. The thesis will be presented to a panel of jurors for final evaluation of the work merit.

Credit : 2 units

Prerequisites : INT147, INT147S, INT199R, INT192

**INT200X INTERIOR DESIGN EXIT EXAM**

The exam is designed to test student's ability to apply logical approach to interior design problems with emphasis on design methodology, quantitative and qualitative aspects of space, circulation, and interrelationships of space, building utilities and facilities; ability to apply skills and visualize design problems and present solutions in appropriate graphical language; and to analyze of anthropometric, proxemic, and kinesthetic requirements of space in relation to interior design.

Prerequisite/s : INT147, INT147S

**INT200-1S. INTERIOR DESIGN STUDIO 9**

Continuation of Interior Design 8. The course covers production of presentation drawings to be presented in a panel of jurors for final evaluation of the work merit. It includes field work for selection of appropriate finishes, lighting, furniture and accessories, interviews and site inspection, if necessary.

Credit : 1 unit

Prerequisites : INT200P, INT199R

Paired : INT200-1F

**INT200-1F. INTERIOR DESIGN 9**

A field study accompanying INT200-1S.

Credit : 1 unit

Prerequisites : INT200P, INT199R

Paired : INT200-1S

**INT200-2. INTERIOR DESIGN 10**

An exposure to actual training outside the school, *i.e.* practicum; where students get actual job commission for a project good for one term. Professor-in-charge supervises student work. Before job is started, an actual photo of the area is required. During the progress of the work, the professor visits the site. After completion of job, the professor evaluates the final result for grading. An alternate

activity in lieu of the practicum is the graduation exhibit, which will also acquaint the students with the mechanics of putting up a room setting.

Credit : 1 unit

Prerequisites : INT200-1S, INT200-1F

Paired : INT200-2S, INT200-2F

**INT200-2S. INTERIOR DESIGN STUDIO 10**

A studio course accompanying INT200-2.

Credit : 2 units

Prerequisites : INT200-1S, INT200-1F

Paired : INT200-2, INT200-2F

**INT200-2F. INTERIOR DESIGN FIELD 10**

A field study accompanying INT200-2.

Credit : 2 units

Prerequisites : INT200-1F, INT200-1S

Paired : INT200-2, INT200-2S

**RES100-2. RESEARCH METHODS**

The course introduces to the students the process and methodologies of research, leading to their industrial design thesis project. This course is an introduction to the different tools in research and thesis writing and documentation.

Credit : 2 units

Prerequisite : ENG13