De La Salle-College of Saint Benilde
School of Environment and Design
Bachelor of Science in Architecture

PROGRAM SPECIFICATION

Awarding Institution	De La Salle-College of Saint Benilde
School	School of Environment and Design (SED)
Program Accreditation	
Name of Final Award	
Program Title	Bachelor of Science in Architecture (BS-ARCH)
Description of the Program	The Benilde Architecture Program is an academic institution of design under the new School of Environment and Design (SED), of the De La Salle-College of Saint Benilde. The Program engages students to contribute to a multiplicand of iterated designs for the lived experience, exploring and learning current, emergent, and future technology and practice, while initiating fresh approaches to local and regional built heritage. They are expected to generate and produce research- and evidence-based approaches to solving environmental and architectural problems that are globally significant and locally relevant, preparing them to provide professional and emergent alternatives called for by contemporary conditions. The Program delivers cutting-edge productions of architectural knowledge and objects focused on collaborative urban studies and community architecture. The design agenda are determined by scalar contributions for the city, committed to understanding modular formations of different environments. The Program's progressive approach of the past decade will thus be expanded, giving way to emerging approaches, processes, and productions responsive to the different scales of global conditions such as climate change, resource depletion, or social instabilities.
Expected Program Learning Outcomes	The Benilde Architecture Program is geared towards a crucial alignment of its courses to produce holistically prepared architecture graduates. Upon completion of the BACHELOR OF SCIENCE IN ARCHITECTURE, students are expected to: ● PO1. Be creative and critical thinkers effectively communicating designs that are reflexive and transformative of their historical precedents and theoretical argumentations. ● PO2. Be generators of emergent and specialized ideas that are innovations of established, current and new directions in the science of architecture and of the built environment. ● PO3. Be knowledge producers grounded in research and practice, responsive to conventions and limitations while being innovative in the context of unstable disruptions and vulnerable conditions; ● PO4. Be active and collaborative explorers with other exemplary design-allied vocations and professions.

Admission Requirements	All students must pass the Benildean Entrance Exam (BEE). The information regarding the application, admission timetable, and application results may be viewed at Benilde Admissions Center. Downloadable forms and school brochures are available from this site. Applicants applying to any degree or non-degree program offered by DLS-CSB are expected to provide complete medical disclosure of past or present conditions that may have an effect on student learning and their intention to be a member of the Benildean community. During the student's first term, they must book an appointment with Benilde Wellness Office.

Program Overview	The Program consists of 238 units.
	(228 academic units and 10 non-academic units) distributed as follows:
	
	I. TECHNICAL COURSES UNITS
	    A. Mathematics Courses 0 5
	    B. Basic Engineering Courses 18
	    C. Allied Courses 12
	    D. Professional Courses 128
	    (Including 3 UNITS apprenticeship programs)
	    E. Specialization Courses 09
	
	II. NON-TECHNICAL COURSES UNITS
	    A. CHED GE and Mandated Courses 50
	    B. DLS-CSB Institutional Courses 16

Curriculum and Program Structure	The curriculum and program structure are outlined in the course sequence. The curriculum map shows the alignment between the courses in the program and the program outcomes.
Teaching and Learning Strategy, Assessment	DLS-CSB espouses and promotes learner-centered parameters. A balance of theory and practice is achieved through lecture courses combined with laboratory courses/sessions and constructions. Various assessment strategies are used such as class discussion, assignments, individual and group plates and exercises, presentations, and exhibitions, return demonstration, critical analysis, portfolio submission, final project, and individual/group reports.
Academic Year Implemented	AY 2023-2024

PROGRAM CHECKLIST

Term 1				
Course Code	Course Title	Units	Pre-requisite	Co-requisite
ARTAPRI	Art Appreciation	3		
BICHECO	Bible and Church	3		
ADESPRN	ARCHITECTURAL THEORIES 1- ELEMENTS & PRINCIPLES OF DESIGN	3		
HSTAR01	History of Architecture 1	2		
VISCOM1	Architectural Visual Communications 1 - Visual Techniques 1	3		
PATHFT1	Physical Activities Towards Health and Fitness 1	2		
CSBLIFE	College of Saint Benilde Student Life	(3)		
Term 2				
Course Code	Course Title	Units	Pre-requisite	Co-requisite
UNDSELF	Understanding the Self	3		
CONWORL	The Contemporary World	3		
TOARCH1	Theory of Architecture 1	3		
SOLIMEN	Solid Mensuration	2		
HSTAR02	History of Architecture 2	2	HSTAR01	
VISCOM2	Architectural Visual Communications 2 - Graphics 1	2	VISCOM1	
PATHFT2	Physical Activities Towards Health and Fitness 2	2	PATHFT1	
READHIS	Readings in Philippine History	3		
Term 3				
Course Code	Course Title	Units	Pre-requisite	Co-requisite
MATWRLD	Mathematics in the Modern World	3		
SCITECH	Science, Technology, and the Society	3		
TOARCH2	Theory of Architecture 2	2	TOARCH1	
DI-CALC	Differential and Integral Calculus	3	SOLIMEN	
HSTAR03	History of Architecture 3	2	HSTAR02	
VISCOM3	Architectural Visual Communications 3 - Graphics 2	3	VISCOM2	
PATHFT3	Physical Activities Towards Health and Fitness 3	2	PATHFT2	
Term 4				
Course Code	Course Title	Units	Pre-requisite	Co-requisite
ARPHILO	Philosophy of Architecture	3	TOARCH2	ARCDS01
ARCDS01	Architectural Design 1 - Introduction to Design	2	TOARCH2	
BUILDU1	Building Utilities 1 - Plumbing and Sanitary Systems	3		
BLDTEC1	Building Technology 1 - Building Materials	3		BUILDU1

HSTAR04	History of Architecture 4	2	HSTAR03	
VISCOM4	Architectural Visual Communications 4: Visual Techniques 2	2	VISCOM3	
PATHFT4	Physical Activities Towards Health and Fitness 4	2	PATHFT3	
NSTP-01	National Service Training Program-01	(3)		

	Term 5			
Course Code	Course Title	Units	Pre-requisite	Co-requisite
GELECT1	GENERAL EDUCATION ELECTIVES 1	3	NONE	
REEXCO	*Religious Experience and Spirituality*			
ARCDS02	Architectural Design 2 - Creative Design Fundamentals	2	ARCDS01	
BUILDU2	Building Utilities 2 - Electrical, Electronic and Mechanical Systems	3	BUILDU1	
BLDTEC2	Building Technology 2 - Construction Drawings in Wood, Steel, and Concrete (1-storey Bldg.)	3	BLDTEC1	
PSURVEY	Surveying	3	SOLIMEN, DI-CALC	
VISCOM5	Architectural Visual Communications 5: Visual Techniques 3	2	VISCOM4	
NSTP-02	National Service Training Program-02	(3)	NSTP-01	

	Term 6			
Course Code	Course Title	Units	Pre-requisite	Co-requisite
ARCHNTR	Architectural Interiors	2		ARCDS03
ARCDS03	Architectural Design 3 - Creative Design in Architectural Interiors	3	ARCDS02	ARCHNTR
BUILDU3	Building Utilities 3 - Acoustics and Lighting Systems	3	BUILDU2	
BLDTEC3	Building Technology 3 - Construction Drawings in Wood, Steel, and Concrete (2-storey Bldg.)	3	BLDTEC2	
ENGSCI1	Engineering Science 1: Statics of Rigid Bodies	3	PSURVEY	
PLANIN1	Planning 1 - Site Planning and Landscape Architecture	3		
ARCAD-1	Computer-Aided Design and Drafting for Architecture - 1: Autodesk 3DS Max	2	VISCOM5	

	Term 7			
Course Code	Course Title	Units	Pre-requisite	Co-requisite
GELECT2	GENERAL EDUCATION ELECTIVES 2	3	GELECT1	
DSRMNGT	*Disaster Management*			
ECOLSUS	*Ecology and Sustainability*			
ARCDS04	Architectural Design 4 - Space Planning 1	3	ARCDS03	BLDTEC4
BLDTEC4	Building Technology 4 - Specification Writing and Quantity Surveying	3	BLDTEC3	

Course Code	Course Title	Units	Pre-requisite	Co-requisite
ENGSCI2	Engineering Science 2: Strength of Materials	3	ENGSCI1	
PLANIN2	Planning 2 - Fundamentals of Urban Design and Community Architecture	3	PLANIN1	
ARCAD-2	Computer-Aided Design and Drafting for Architecture - 2: Autodesk Revit BIM	2	ARCAD-1	
PROPRA1	Professional Practice 1 - Laws Affecting the Practice of Architecture	3		

Term 8				
Course Code	Course Title	Units	Pre-requisite	Co-requisite
TROPCLD	Tropical Design	2		ARCDS05
ARCDS05	Architectural Design 5 - Space Planning 2	4	ARCDS04	
BLDTEC5	Building Technology 5 - Alternative Building Construction Systems	3	BLDTEC4	ENGSCI3
ENGSCI3	Engineering Science 3: Theory of Structures	3	ENGSCI2	
PLANIN3	Planning 3 - Introduction to Urban & Regional Planning	3	PLANIN2	
ARCAD-3	Computer-Aided Design and Drafting for Architecture - 3: Rhinoceros 3D	2	ARCAD-2	
PROPRA2	Professional Practice 2 - Administering the Regular Services of the Architecture Practice	3	PROPRA1	

Term 9				
Course Code	Course Title	Units	Pre-requisite	Co-requisite
SPECZ_1:	Specialization 1	3		ARCDS06
ARCHER1	Architectural Heritage Inventory and Assessment			
URBDES1	Principles in Urban Design and Planning			
EMERGE1	Introduction to Emergent Architecture			
CONSMA1	Project Management Principles and Methods			
ARCDS06	Architectural Design 6 - Site Development Planning and Landscaping	4	ARCDS05	SPECZ_1
ENGSCI4	Engineering Science 4: Steel and Timber Design	3	ENGSCI3	
ARHOUSE	Housing	2	PLANIN3	
PROPRA3	Professional Practice 3 - Global Practice for the 21st Century	3	PROPRA2	
PURPCOM	Purposive Communication	3		

Term 10				
Course Code	Course Title	Units	Pre-requisite	Co-requisite
SPECZ_2:	Specialization 2	3	SPECZ_1	ARCDS07
ARCHER2	Conservation Policies, Laws, and Principles			

Course Code	Course Title	Units	Pre-requisite	Co-requisite
URBDES2	*Introduction to Sustainable Development*			
EMERGE2	*Computational Tools & Analysis of Emergent Architecture*			
CONSMA2	*Financial Management in Construction*			
ARCDS07	Architectural Design 7 - Community Architecture and Urban Design	5	ARCDS06	ENGSCI5
ENGSCI5	Engineering Science 5: Architectural Structures	3	ENGSCI4	ARCDS07
ARSRCH1	Research Writing in Architecture	3	ARCDS06	ARCDS07
GELECT3	GENERAL EDUCATION ELECTIVES 3			
GLOBCOM	*Global Communication*	3	GELECT2	
INTEFIL	*Interaktibong Filipino sa Multidisiplinaryong Larangan*			
CRITHNK	Critical and Creative Thinking	3		

Term 11

Course Code	Course Title	Units	Pre-requisite	Co-requisite
SPECZ_3:	Specialization 3			
ARCHER3	*Heritage Think Lab Pro*			
URBDES3	*Urban Design Integrated Project*	3	SPECZ_2	ARCDS08
EMERGE3	*Studio Applications in Emergent Architecture*			
CONSMA3	*Implementation and Management*			
ARCDS08	Architectural Design 8 - Design of Complex Structures	5	ARCDS07	SPECZ_3 ARSRCH2
ARSRCH2	Research Application in Architecture	3	ARSRCH1	ARCDS08
IETHICS	Ethics	3		
ASEANST	ASEAN Studies	3		

Term 12

Course Code	Course Title	Units	Pre-requisite	Co-requisite
ARCHCOM	Architectural Comprehensive Review Course	3	ARCDS01-ARCDS08	ARCDS09
ARCDS09	Architectural Design 9 - Thesis Research Writing	5	ARCDS08	APRENTC
APRENTC	Apprenticeship Program	3	ARCDS08	ARCDS09
BIZARC1	Business Management and Application for Architecture 1	3	PROPRA3	
CSBGRAD	College of Saint Benilde Student Graduate	(1)	CSBLIFE	

Term 13

Course Code	Course Title	Units	Pre-requisite	Co-requisite
JORIZAL	Life and Works of Rizal	3		
ARCD010	Architectural Design 10- Thesis Research Application	5	ARCHCOM ARCDS09	
BIZARC2	Business Management and Application for Architecture 2	3	BIZARC1	
MARFRET	Marriage and Family Life	3		

List of PATHFT3 and PATHFT4 Courses				
Course Code	Course Title	Units	Pre-requisites	Co-requisites
PATHFT3 Choices				
PATHF3D	Dance	2		
PATHF3G	Group Exercise	2		
PATHF3M	Martial Arts	2		
PATHF3S	Sports	2		
PATHF3O	Outdoor and Adventure Activities	2		
PATHFT4 Choices				
PATHF4D	Dance	2		
PATHF4G	Group Exercise	2		
PATHF4M	Martial Arts	2		
PATHF4S	Sports	2		
PATHF4O	Outdoor and Adventure Activities	2		

CURRICULUM MAP
Bachelor of Science in Architecture

		PO1	PO2	PO3	PO4
I.	Mathematics Courses	PO1	PO2	PO3	PO4
1	Solid Mensuration	√			
2	Differential and Integral Calculus	√			
II.	Basic Engineering Courses	PO1	PO2	PO3	PO4
1	Engineering Science 1: Statics of Rigid Bodies	√	√		
2	Engineering Science 2: Strength of Materials	√	√		
3	Engineering Science 3: Theory of Structures	√	√		
4	Engineering Science 4: Steel and Timber Design	√	√		
5	Engineering Science 5: Architectural Structures	√	√		
6	Surveying	√	√		
III.	Allied Courses	PO1	PO2	PO3	PO4
1	Architectural Visual Communications 2 - Graphics 1	√			
2	Architectural Visual Communications 1 - Visual Techniques 1	√			
3	Architectural Visual Communications 3: Graphics 2	√			
4	Architectural Visual Communications 4: Visual Techniques 2	√			
5	Architectural Visual Communications 5: Visual Techniques 3	√			
IV.	Major Specialization and Electives	PO1	PO2	PO3	PO4
1	Architectural Design 1 - Introduction to Design	√		√	
2	Architectural Design 2 - Creative Design Fundamentals	√		√	
3	Architectural Design 3 - Creative Design in Architectural Interiors	√		√	
4	Architectural Design 4 - Space Planning 1	√		√	
5	Architectural Design 5 - Space Planning 2	√	√	√	√
6	Architectural Design 6 - Site Development Planning and Landscaping	√	√	√	√
7	Architectural Design 7 - Community Architecture and Urban Design	√	√	√	√
8	Architectural Design 8 - Design of Complex Structures	√	√	√	√
9	Architectural Design 9 - Thesis Research Writing	√	√	√	
10	Architectural Design 10- Thesis Research Application	√	√	√	

No.	Course				
11	Architectural Interiors	√	√	√	
12	Theory of Architecture 1	√	√	√	
13	Theory of Architecture 2	√	√	√	
14	Building Technology 1 - Building Materials	√		√	
15	Building Technology 2 - Construction Drawings in Wood, Steel, and Concrete (1-storey Bldg.)	√		√	
16	Building Technology 3 - Construction Drawings in Wood, Steel, and Concrete (2-storey Bldg)	√		√	
17	Building Technology 4 - Specification Writing and Quantity Surveying	√		√	
18	Building Technology 5 - Alternative Building Construction Systems	√	√	√	
19	Building Utilities 1 - Plumbing and Sanitary Systems	√			√
20	Building Utilities 2 - Electrical, Electronic and Mechanical Systems	√			√
21	Building Utilities 3 - Acoustics and Lighting Systems	√			√
22	History of Architecture 1	√		√	
23	History of Architecture 2	√		√	
24	History of Architecture 3	√		√	
25	History of Architecture 4	√		√	
26	Architectural Design Principles	√	√	√	√
27	Philosophy of Architecture	√		√	
28	Professional Practice 1 - Laws Affecting the Practice of Architecture	√		√	
29	Professional Practice 2 - Administering the Regular Services of the Architecture Practice	√		√	
30	Professional Practice 3 - Global Practice for the 21st Century	√		√	
31	Planning 1 - Site Planning and Landscape Architecture	√		√	
32	Planning 2 - Fundamentals of Urban Design and Community Architecture	√		√	
33	Planning 3 - Introduction to Urban & Regional Planning	√		√	
34	Computer-Aided Design and Drafting for Architecture - 1: Autodesk 3DS Max	√	√		
35	Computer-Aided Design and Drafting for Architecture - 2: Autodesk Revit BIM	√	√		
36	Computer-Aided Design and Drafting for Architecture - 3: Rhinoceros 3D	√	√		
37	Research Methods for Architecture 1	√	√	√	
38	Research Methods for Architecture 2	√	√	√	

		PO1	PO2	PO3	PO4
39	Tropical Design	√	√	√	
40	Housing	√	√	√	
41	Business Management and Application for Architecture 1	√	√	√	
42	Business Management and Application for Architecture 2	√	√	√	
43	Architectural Comprehensive Review Course	√		√	
V.	Specialization Courses	PO1	PO2	PO3	PO4
	ARCHITECTURAL HERITAGE CONSERVATION Major				
1	Architectural Heritage Inventory and Assessment	√	√	√	√
2	Conservation Policies, Laws and Principles	√	√	√	√
3	Heritage Think Lab Pro	√	√	√	√
	CONSTRUCTION MANAGEMENT Major				
1	Project Management Principles and Methods	√	√	√	√
2	Financial Management in Construction	√	√	√	√
3	Implementation and Management	√	√	√	√
	EMERGENT ARCHITECTURE Major				
1	Introduction to Emergent Architecture	√	√	√	√
2	Computational Tools & Analysis of Emergent Architecture	√	√	√	√
3	Studio Application in Emergent Architecture	√	√	√	√
	URBAN DESIGN Major				
1	Principles in Urban Design and Planning	√	√	√	√
2	Introduction to Sustainable Development	√	√	√	√
3	Urban Design Integrated Project	√	√	√	√

Specialization Courses 1-3 should be in line towards the chosen Course Major/Track.

Choose only 1 track (Architectural Heritage Conservation or Construction Management or Urban Design or Emergent Architecture)