

Menu of Shared UPCA IGP Courses

Students' final lists of courses are to be assembled under the guidance of the assigned Research Supervisor

List No.	Course Number	Course Title	Course Description	Units	Meeting Type	Course Type					Program Specific Courses				
						Core	Major	Qual. Elec	Seminar	Thesis/ Disser	MArch	MTLA	GDiplS	MAAS	PhD
1.	Archi 201	Architecture and Landscape Architecture Theories	Principles governing the conceptualization and production of indoor and outdoor spaces. Design philosophies, processes and strategies, and basic design criteria engaged through discussions and readings.	3	Lec	X								X	
2.	Archi 202	Foundations of Qualitative Research in the Designed and Built Environment	A qualitative research course on the designed and built environments covering knowledge-seeking structures, principles and methodologies.	3	Lec	X					X	X		X	
3.	Archi 203	Foundations of Quantitative Research in the Designed and Built Environment	A quantitative research course covering quantitative and mixed approaches to designed environment-related studies, basic statistics, and the use of computer software for data processing and analysis.	3	Lec	X					X	X		X	
4.	Archi 210	Writings and Precedents in Architecture and Landscape Architecture	Agenda-based review of works in architecture and landscape architecture.	3	Lec	X					X	X			
5.	Archi 211	Studio Topic	Focused research and design studies (See sample course below)	4	Lec/Lab		X				X	X		X	

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6.	L Arch 221	Landscape Architecture and Site Design	Analytical and conceptual approaches to a site-specific design focusing on gardens and parks.	3	Lec/ workshop			X			X	X		X	
7.	L Arch 222	Landscape Design for Outdoor Recreation and Resort Facilities	Analysis of various resort developments and demand for leisure activities and how they impact the landscape	3	Lec/ seminar- workshop			X			X	X		X	
8.	L Arch 223	People and the Landscape	Understanding human patterns and processes that shape landscape design	3	Lec/ seminar			X			X	X		X	
9.	L Arch 224	Native Vegetation in Landscape Design	Processes and characteristics of native vegetation and their applications to landscape design and management	3	Lec/ seminar- workshop			X			X	X		X	
10.	L Arch 225	Transport Corridor Landscape Planning and Design	Concepts and technologies in transport corridor landscape planning and design	3	Lec/ seminar			X			X	X		X	
11.	Archi 231	Urban Design Principles	Key urban design concepts and their underlying theories	3	Lec			X			X	X		X	

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12.	Archi 232	Environmental Issues in Urban Design	Concepts, tools and techniques for analyzing the relationship between urban spaces and environmental risks.	3	Lec			X			X	X		X	
13.	Archi 233	Housing and Real Estate Development Issues in Urban Design	Challenges in housing design and delivery in relation to land, urbanization, economic and socio-cultural issues.	3	Lec			X			X	X		X	
14.	Archi 241	Architectural Heritage Studies	Introduction to the history, philosophy, theories, standards, and practices of conservation of built heritage	3	Lec			X			X	X		X	
15.	Archi 242	Conservation Management Planning	Preparation of Conservation Management Plans (CMP)	3	Lec			X			X	X		X	
16.	Archi 243	Architectural Heritage Theory and Conservation Laws	Local and international theory and laws that affect Architectural Conservation practice.	3	Lec			X			X	X		X	
17.	Archi 244	The Science of Built Heritage Conservation	Material pathology and the construction technology of Philippine historic buildings as an applied building science	3	Lec			X			X	X		X	

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18.	Archi 251	Structuring Architectural Form	Structural concepts, principles and theories including structural behavior and systems and their use in creating Architectural form. Visualization of structural behavior including complementing and clarifying mathematical concepts. Analysis of structural systems as applied to medium-sized buildings.	3	Lec			X			X	X		X	
19.	Archi 252	Lighting and Acoustics in Architecture	Acoustics and lighting and their roles in making architecture. Lighting as a result of the interrelation of human, source, image and space. Sound behavior discussed and characterized by theory, materials, intelligibility, site level acoustical environment affecting the building layout and other design considerations.	3	Lec			X			X	X		X	
20.	Archi 253	Design Visualization and Computation	Physical and digital forms of visualization as aid in formal and spatial organization of design systems.	3	Lec			X			X	X		X	
21.	Archi 254	Methods and Meanings of Building Materials and Systems	Translation of the aesthetic and the non-aesthetic virtues of materials and building systems, and response from the environment as design parameters.	3	Lec			X			X	X		X	

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22.	Archi 261	People, Climate and Architecture	Assessment and regulation of climatic factors that affect the thermal comfort of a space	3	Lec			X			X	X		X	
23.	Archi 262	Tropical Dwellings	Comprehensive discussion of residential developments in tropical settings and their corresponding passive architectural design strategies.	3	Lec			X			X	X		X	
24.	Archi 263	Tropical Coastal Developments	Architectural design strategies for tropical coastal developments	3	Lec			X			X	X		X	
25.	Archi 299	Seminar	Studies that inform the production of architecture and the development of critical interpretations of site, program, service, and research	2	Lec				X					X	
26.	Archi 300	Thesis	MArch Graduate Thesis	6	Lec/Lab					X	X				
27.	L Arch 300	Thesis	MTLA Graduate Thesis	6	Lec/Lab					X		X			

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28.	LStud 201	Historical and Theoretical Foundation of Landscape Studies	Evolution of landscape architectural practice; different theories and principles applied to make the landscape development projects more acceptable and sustainable to satisfy human physical, psychological and aesthetic needs; different social, cultural, and environmental influences	3	Lec	X							X		
29.	LStud 202	Application of Softscape Materials, Techniques and Technologies	Different characteristics, habitats, and cultural importance of softscape explored for the use of landscape projects; different plant species, techniques, technologies, and how these can be best applied for landscape development.	3	Lec	X							X		
30.	LStud 203	Landform and Site Manipulation Techniques and Sustainable Soil Management	Application of appropriate landform manipulation, proper site grading and soil management for responsible landscape development; the definition and interpretation of the cardinal rules of contours, their recognition and signatures as characteristic land forms.	3	Lec	X							X		

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31.	LStud 204	Site Utilities for Landscape Developments and Recreational Spaces	Landscape engineering strategies including water, sanitary, electrical and mechanical systems applied to address lighting, drainage and irrigation design and issues in the site; evaluation of different methodologies related to landscape development; integration of necessary utilities to different landscape developments.	3	Lec	X							X		
32.	LStud 205	Application of Sustainable Hardscape Materials and Technologies in the Landscape	Different hardscape materials and construction technologies for sound application in landscape development; proper construction methodology and principles of structural design of landscape structures, including preparations of working drawings and detailed cost estimates	3	Lec	X							X		
33.	LStud 206	Landscape Project Management	Methods in landscape operations from macro to micro scale developments. Macro scale landscapes involve sustainable ecological management, while micro scale landscapes involve sustainable maintenance.	3	Lec	X							X		

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34.	DBE 301	Evolving and Emergent Architecture and Landscape Architecture Principles	The evolution of theories, principles and design concepts for the indoor and outdoor environments	3	Lec	X									X
35.	DBE 302	Philosophical Foundations of Knowledge in the Designed and Built Environment	Knowledge creation following belief models in the realms of sociology and philosophy; Qualitative research for establishing what is real and what exists as bases for design interventions	3	Lec	X									X
36.	DBE 303	Advanced Quantitative Research in the Designed and Built Environment	Quantitative modeling as bases for appropriate design interventions	3	Lec	X									X
37.	DBE 311	Advanced Studio Topic	Focused research and design studies involving complex systems, spaces and urban settings	4	Lec/Lab		X								X
38.	DBE 397	Advanced Special Topics	(varies per topic – see sample courses below)	3	Lec	Advanced Special Topics								X	
39.	DBE 400	Dissertation	Current thought on selected aspects of Designed and Built Environment studies	12	Lec/Lab					X					X

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Sample Course for Arch 211 Studio Topic

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1.	Archi 211	Studio Topic Sample Topic: URBAN DESIGN	Focused research and design studies	4	Lec/Lab		X				X	X		X	

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Sample Courses for DBE 397 Advanced Special Topics

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						Core	Major	Qual. Elec	Semr	Thesis / Diss	MArch	MTLA	GDipl	MAAS	PhD
A.	DBE 397	Advanced Special Topic Sample Topic: Advanced Cultural Landscape Study	The role of culture in shaping the landscape and the dialectic relationship of the landscape in shaping culture and identity.	3	Lec	Advanced Special Topics									X
B.	DBE 397	Advanced Special Topic Sample Topic: Disaster-resilient Urban Design	Design and development controls that regulate urban form and the use of built and open spaces for disaster-resilient communities	3	Lec	Advanced Special Topics									X
C.	DBE 397	Advanced Special Topic Sample Topic: Policies and Governance in Architectural Heritage	Architectural heritage conservation laws and charters as interpreted and accepted into Philippine practice	3	Lec	Advanced Special Topics									X
D.	DBE 397	Advanced Special Topic Sample Topic: Building Systems and Energy	Principles and theories of the various components of building science: design and analysis of materials, systems and methods of construction, as well as equipment for moderate to complex structures as they influence architectural forms and functions centered on the integration of energy, air, water, and waste systems for optimum building performance	3	Lec	Advanced Special Topics									X
E.	DBE 397	Advanced Special Topic Sample Topic: Environmental Assessment and Simulation Tools for Tropical Architecture	Introduction and familiarization of physical equipment, as well as simulation and testing tools, both analog and digital for gathering climatic data in tropical settings with respect to the performance of buildings	3	Lec	Advanced Special Topics									X