

Ph.D. Program in Architecture and Urban Design, Department of Architecture, Chaoyang University of Technology
(applicable to day division students enrolled in 2024)

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	First Year				Second Year			
	First Semester	Hours Credit	Second Semester	Hours Credit	First Semester	Hours Credit	Second Semester	Hours Credit
Required Courses	專題研討(一) Seminar (I)	2-2	專題研討(二) Seminar (II)	2-2	設計科學專題研究(一) Design Science Studies(1)	3-3	設計科學專題研究(二) Design Science Studies(2)	3-3
	設計科學方法論(一) Design Science Methodology(1)	3-3	設計科學方法論(二) Design Science Methodology(2)	3-3	專題研討(三) Seminar (III)	2-2	專題研討(四) Seminar (IV)	2-2
Hours Credit		5-5		5-5		5-5		5-5
Elective Courses	統計分析與量化研究 Statistical analysis and Quantitative research	3-3	環境心理學 Environmental Psychology	3-3	視覺符號研究 Visual Semiotics	3-3	文創設計專案研究 Cultural and Creative Design Project and Study	3-3
	數位藝術專論 Digital Arts	3-3	環境與行為 Environment and Behavior	3-3	互動科技創新與應用 Interactive technology innovation and application	3-3	創業專案實務 Practice in entrepreneurship project	3-3
	生態工程與防災 Ecological Engineering and Disaster Prevention	3-3	東亞海洋城市的變遷 The Development Change of East Asian Maritime Cities	3-3	科技整合設計實務 Integrated Technology Design Practices	3-3	設計企劃案例與實踐 Design Planning Case Study & Practice	3-3
	永續社區設計 Sustainable Community Design	3-3	景觀設計思潮評析 Topics in Landscape Design	3-3	科技美學 Technological Aesthetics	3-3	圖像學與風格分析 Iconology and style analysis	3-3
	開放建築 Open Building	3-3	社會責任實務 Social Responsibility in Practice	3-3	設計管理專題研究 Seminar in Design Management	3-3	創新創業實務 Innovation and Entrepreneurship Practice	3-3
	品牌設計專題 Brand Design Topics	3-3	社區設計實務 Community Design Practice	3-3	設計運算專題 Special Topics in Computing Design	3-3	跨領域設計實務 Cross-domain Design Practice	3-3
	歷史建造物保存實務 Conservation Practice of Historic Buildings	3-3	動態圖像設計 Motion Graphics Creative Project	3-3			虛實整合藝術專論 Monograph on the Art of Integrating Virtuality and Reality	3-3
	視覺語言研究 Studies in Visual Language	3-3	都市設計個案分析 Case Studies in Urban Design	3-3			設計教育研究 Design Education	3-3
	綠建築評估與實務 Greening Building Evaluation and Practice	3-3	智慧環境設計應用 Intelligent environment design and applications	3-3				
	療癒景觀空間營造 Constructing Healing Landscape Spaces	3-3	藝術與設計美學專論 Aesthetics Seminar of Arts and Graphic Design	3-3				

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原創造形探索 Exploration of Original Form Creation	3-3	字文設計專題 Typography Design Topics	3-3					
都市經濟與政策 Urban Economics and Policy	3-3	永續景觀規劃與設計 Sustainable Landscape design and planning	3-3					
進階設計思維 Advanced Design Thinking	3-3	建築及都市系統模擬與分析 System Simulation and Analysis in Building and Urban Sciences	3-3					
低碳足跡設計思考 Thinking about low-carbon footprint design	3-3	建築與人工智慧 Building and Artificial Intelligence	3-3					
土地開發 Land Development	3-3	造形特論 Special Study of Form	3-3					
財務分析 Financial Analysis	3-3	AI藝術應用專論 Monograph on AI Art Application	3-3					
韌性城市 Resilient City	3-3	建築師專業養成專題 Special Topics of Architect's Professional Cultivation	3-3					
淨零碳排策略規劃 Zero net carbon emission strategy planning	3-3	動畫研究與應用 Animation Research and Application	3-3					
BIM建築資訊模型實務操作 Building Information Modeling Practice Operation	3-3	空間型構分析與研究 Space Syntax Theory and Research	3-3					
生物與氣候友善建築 Biophilic and Bioclimatic Architecture	3-3	城市水敏性設計 Water Sensitive Urban Design	3-3					
永續設計特論 special topics on sustainable design	3-3	設計社會學 Design for Social Change	3-3					
色彩特論 Special Study of Color	3-3	產品開發理論與案例 Case Study and Theory of Product Development	3-3					

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			空間發展多元決策評估 Evaluation of Multi-criteria Decision Making in Spatial Development	3-3				
			進階景觀及都市化專題 Advanced Landscape and Urbanism	3-3				
			建築3D動畫與空間互動多媒體 3D Architectural Animation and Spatial Interactive Multimedia	3-3				
Hours Credit		66-66		75-75		18-18		24-24
University Requirements	Basic General Education Courses							
	General Education Free Electives							
Required Courses	8 Courses 20 Credits							
Elective Courses	Minimum elective 6 Credits							
Recognition limit of credits	0 Credits							
Total Requirement	30 Credits (incl. 4 credits on doctorate-degree seeking theses)							

- 一、全校性規定：學生需修習並通過「學術研究倫理教育」相關課程後，始得申請學位考試。
- 二、非建築及都市設計背景之學生，需補修建築系大學部"建築環境概論"或"建築欣賞"課程，且及格通過。

- 一、University-level regulations: Students are required to take and pass "Ethics Education Course" before applying for the entrance exam.
- 二、Students with non-architectural or non-urban-design backgrounds must take and pass the two courses, "Introduction to Architectural Environment" or "Building Appreciation," in the undergraduate course list of the Department of Architecture.