

建築研究所碩士班

105 年度

最低修業年限	一年
應修學分數	<p>建築設計組 32 學分，並完成畢業設計(含書面創作理念報告)。</p> <p>數位建築 32 學分，並完成數位建築設計研究(實務設計或理論研究)論文。</p> <p>學士後建築組 72 學分，並完成畢業設計(含書面創作理念報告)。</p>
應修(應選)課程及符合畢業資格之修課相關規定(如無，則免填)	<p>建築設計組： 含 3 門建築設計、2 門設計研究方法、6 門選修課。</p> <p>數位建築組： 含 1 門數位設計、1 門建築設計(數位組與設計組合開)、2 門設計研究</p> <p style="padding-left: 40px;">方法、6 門選修課(至少 4 門數位類選修課)。</p> <p>學士後建築組： 含 6 門建築設計、6 門選修課、6 門核心課程。</p> <p>— 應補修建築師考試資格要求之最低學分與課程，並經所務會議審查通過後始可畢業。</p> <p>— 第七學期須擇一修習：建築專業實習或獨立研究或出國交換，且成績/成果經所務會議審查通過後始可畢業。</p> <p>必修與核心課程總表</p> <p>一、建築設計組</p> <p style="padding-left: 20px;">必修課程：建築設計 3 門,選修課—需選讀 6 門</p> <p style="padding-left: 20px;">必選課程：設計研究方法學 2 門</p> <p>二、數位設計組</p> <p style="padding-left: 20px;">必修課程：數位設計 2 門,選修課—需選讀 6 門(數位類選修課至少 4 門)</p> <p style="padding-left: 20px;">必選課程：設計研究方法學 2 門</p> <p style="padding-left: 20px;">數位類選修課(下列課程中至少 4 門)：</p> <p style="padding-left: 40px;">新媒材基礎、設計思考、設計運算、衍生式設計與構築、編織參數曲面、混合實境、資訊建築、互動建築、人機互動技術、數位設計(建築)專題、數位設計(建築)講座、智慧生活專題、創新設計專題...等數位組開設課程。</p> <p>三、學士後建築組</p> <p style="padding-left: 20px;">必修課程：建築設計(一) 建築設計(二) 建築設計(三) 建築設計(四)</p> <p style="padding-left: 40px;">不同學期之「建築設計」2 門,選修課—需選讀 6 門</p> <p style="padding-left: 20px;">核心課程：下列課程中至少六門：</p> <p style="padding-left: 40px;">構造與材料、表現法與分析、電腦輔助建築設計、建築計畫、建築概論、敷地計畫與都市設計、營造法規與實務、建築結構系統、建築構造與施工、建築環境控制、環境景觀設計、當代建築與都市發展、建築史、建築理論、媒材設計、數位建築、建築基本元素、都市設計概論、照明設計、當代建築史...等建築所開設課程。</p>

Graduate Institute of Architecture

Academic Year 2016

Minimum Academic Term	One year
Required Completion Credit Points	<p>MArch II: Completion of a minimum of 32 credit points and Thesis Design (including a written report which documents its design development.)</p> <p>MS: Completion of a minimum of 32 credits points and Digital Architecture Thesis Design (Design Realization or Theoretical Research.)</p> <p>March I: Completion of a minimum of 72 credit points and Thesis Design (including a written report which documents its design development.)</p>
Required (Elective) Courses and Related Degree Accreditation Requirements (Leave blank if non-applicable)	<p>MArch II: Required courses: 3 courses of Architecture Studio, 2 courses of Design Methodology and 6 courses of Design Thesis.</p> <p>MS: Required courses: 2 courses of Digital Studio, 2 courses of Design Methodology and 6 courses of Design Thesis (at least 4 topics on Digital Design).</p> <p>March I : Required courses: 6 courses of Architectural Studio, 6 courses of Design Methodology and 6 courses of Core Programs.</p> <ul style="list-style-type: none"> ● 1 Minimum credits and courses must be completed to meet the eligibility for the National Architect Registration Examinations. Upon the approval of the final results/ products by the Institute, an award of degree may then be granted. ● 1 Students are required to fulfill one of the following electives: Professional practice Independent design research Foreign academic exchange program Upon the approval of the final results/ products by the Institute, an award of degree may then be granted. <p>Curriculum Table for Required and Core Courses</p> <p>Master of Architecture II (MARCH II)</p> <ul style="list-style-type: none"> ● Required Courses: 3 courses of Architectural Studio 6 course of Design Thesis ● Required Electives: 2 courses of Design Methodology <p>Master of Science in Architecture (MS)</p> <ul style="list-style-type: none"> ● Required Courses: 2 courses of Digital Design Studio 6 courses of Design Thesis (at least 4 topics on Digital Design) ● Required Electives: 2 courses of Design Methodology ● Core Digital Design Programs (students are required to fulfill at 4 of the following courses): Fundamentals for New Media, Design Thinking, Arithmetic Design, Generative Design and Digital Fabrication, Development of Parametric Curves and Surfaces, Mixed Reality, Information Architecture, Interactive Architecture, Human Computer Interaction, Digital Design (Architecture) Specialized Topics, Digital Design (Architecture) Lecture Series, , Smart Living Specialized Topics, Innovation Design Specialized Topics <p>Master of Architecture I (MARCH I)</p> <ul style="list-style-type: none"> ● Required Courses: Architectural Studio (I / II / III / IV) 2 courses of Architectural Studio from different semesters 6 courses of Design Thesis <p>Core Programs (students are required to fulfill at least 6 of the following courses): Construction and Materiality, Architectural Rendering and Analysis, Computer-Aided Architectural Design, Building Planning, Principles of Architecture, Site Planning and Urban Design, Building Codes and the Practice, Structural Systems in Architecture, Building Construction, Environment Control, Landscape Design, Contemporary Architecture and Urban Development, Architectural History, Architectural Theory, Media Design, Digital Architecture, Elements of Architecture, Principles of Urban Design, Lighting Design, Contemporary History of Architecture, and so forth as approved by the Institute.</p>