

# 建築研究所碩士班

113 學年度

最低修業年限	一年
應修學分數	設計研究組（建築設計）30 學分，並完成設計研究論文（含書面創作理念報告）。 設計研究組（數位設計）30 學分，並完成設計研究論文（含數位設計或理論研究）。 學士後建築組 76 學分，並完成設計研究論文（含書面創作理念報告）。
應修（應選）課程及符合畢業資格之修課相關規定	<p>設計研究組（建築設計）：</p> <p>(1) 含 2 門建築設計、1 門設計研究方法、5 門選修課（至少 2 門專題研究）。 (2) 須參加國際性設計競賽/競圖，並獲得入圍以上名次。</p> <p>設計研究組（數位設計）：</p> <p>(1) 含 2 門數位類建築設計（依公告認定數位屬性）、1 門設計研究方法、5 門選修課（至少 4 門數位類選修課）。 (2) 須參加國際性研討會或設計競賽/競圖，並獲得入圍以上名次。</p> <p>學士後建築組：</p> <p>(1) 含 7 門建築設計、6 門選修課、6 門核心課程。 (2) 應補修建築師考試資格要求之最低學分與課程。 (3) 修習 7 門建築設計完畢於第七學期須擇一修習：獨立研究或出國交換，且成績/成果經指導教授審查通過。 (4) 須參加國際性設計競賽/競圖，並獲得 入圍以上名次。</p> <p>必修與核心課程總表</p> <p>一、設計研究組（建築設計）</p> <p>(1) 必修課程：2 門建築設計、1 門設計研究方法學 (2) 選修課程：5 門選修課（至少 2 門專題研究）</p> <p>二、設計研究組（數位設計）</p> <p>(1) 必修課程：2 門數位類建築設計（依公告認定數位屬性）、1 門設計研究方法學 (2) 選修課程：5 門選修課（數位類選修課至少 4 門）</p> <p>數位類選修課：</p> <p>新媒材基礎、設計思考、設計運算、設計運算概論、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、演算法設計、智慧生活專題、創新設計專題、前衛與異想建築、機器學習輔助設計、先進機器人技術…等數位類課程。</p> <p>三、學士後建築組</p> <p>(1) 必修課程：</p> <ul style="list-style-type: none"> <li>●以下 5 門課程需依序修習：建築設計（基礎）、建築設計（一）、建築設計（二）、建築設計（三）、建築設計（四）。</li> <li>●不同學期之「建築設計」2 門。</li> </ul> <p>(2) 選修課程 6 門。</p> <p>(3) 核心課程 6 門：</p> <p>營建法規、建築環境控制系統、建築材料、都市設計、環境景觀設計、中外建築史、建築理論、建築構造與施工、建築結構系統...等建築所開設課程。</p>
備註	暫不設置輔所。

# Graduate Institute of Architecture

Academic Year 2024

Minimum Study Period	One year
Required Credits	<p>M.Arch. II: 30 credits, and completion of the design thesis (including a written creative concept report).</p> <p>M.S.: 30 credits, and completion of the design thesis (in digital design or theoretical research).</p> <p>M.Arch. I: 76 credits, and completion of the design thesis (including a written creative concept report).</p>
Required (Elective) Courses and Related Degree Accreditation Requirements	<p>M.Arch. II:</p> <ol style="list-style-type: none"> <li>1. Required courses: 2 Architecture Studios, 1 Design Research Methodology, and 5 elective courses.</li> <li>2. Students must participate in international design competitions and achieve a finalist position or win an award.</li> </ol> <p>M.S.:</p> <ol style="list-style-type: none"> <li>1. Required courses: 2 Architecture Studios in digital design (classified according to the announcement), 1 Design Research Methodology, and 5 elective courses (at least 4 on digital design).</li> <li>2. Students must participate in international conference or design competitions, and achieve a finalist position, been accepted to paper session, or win an award.</li> </ol> <p>M.Arch. I:</p> <ol style="list-style-type: none"> <li>1. Required courses: 7 Architectural Studios, 6 elective courses, and 6 core courses.</li> <li>2. Complete the minimum credits and courses required for the qualifications of architect examination.</li> <li>3. After completion of 7 Architectural Studios, students are required to take Independent Studies or exchange abroad in the 7th semester. Thereafter the result needs to be reviewed and graded by the advisor.</li> <li>4. Students must participate in international design competitions and achieve a finalist position or win an award.</li> </ol> <p>List of Required and Core Courses:</p> <p>Master of Architecture II (M.Arch. II)</p> <ol style="list-style-type: none"> <li>1. Required courses: 2 Architecture Studios and 1 Design Research Methodology.</li> <li>2. 5 elective courses (at least 2 special topics).</li> </ol> <p>Master of Science in Architecture (M.S.)</p> <ol style="list-style-type: none"> <li>1. Required courses: 2 Architecture Studios in digital design and 1 Design Research Methodology.</li> <li>2. 5 elective courses (at least 4 in digital design).</li> </ol> <p>Elective courses in digital design:  Fundamentals for New Media, Design Thinking, Introduction to Design Computing, Generative Design and Digital Fabrication, Weaving Parametric Surfaces, Mixed Reality, Information Architecture, Interactive Architecture, Human Computer Interaction, Special Topics in Digital Design (Architecture), Lectures in Digital Design (Architecture), Algorithmic Design, Special Topics in Smart Living, Special Topics in Innovative Design, Avant-garde and Speculative Architecture, Machine Learning Aided Design, Advanced Robotics...etc.</p>

	<p>Master of Architecture I (M.Arch. I)</p> <ol style="list-style-type: none"> <li>1. Required Courses: 5 Core Architecture Studios (Basic/I/II/III/IV, in consecutive order) and 2 Option Architecture Studios from different semesters.</li> <li>2. At least 6 elective courses.</li> <li>3. At least 6 core courses from the followings: Building Code, Environment Control Systems, Building Materials, Urban Design, Landscape Design, Chinese and Foreign History of Architecture, Architectural Theory, Architectural Construction, Architectural Structure System... as approved by the institute.</li> </ol>
Notes	This graduate institute does not have affiliated programs.