

THEME	EMBEDDED GRADUATE PROFILE FOR THE DEGREE OF MASTER OF ARCHITECTURE (PROFESSIONAL) AND URBAN DESIGN	PROGRESSION STATEMENT
<p>Disciplinary Knowledge & Practice</p>	<p>Capability DK.1 Demonstrate in-depth knowledge and understanding of the importance of the history, theory, practice and design elements of architecture and urban design in the built environment.</p> <p>Capability DK.2 Demonstrate an in-depth understanding of the application of architectural and urban design theory and science with the ability to think critically within the wider environmental, economic, social and cultural societal constructs, legal frameworks and management techniques relating to the creation of architecture and the built environment, as well as the contributions made by related professions.</p> <p>Capability DK.3 Demonstrate the development of personal interests, abilities, attributes and specialisations, applying these independently and ethically in research, theory and practice.</p>	<p>Architects and urban designers operate in specialist disciplines and play a critical role in shaping our future urban and natural environments; economically, environmentally, socially and culturally. Each course within this two and a half year level 700 programme increases the levels of challenge, with more reliance on students own independent research, analysis and synthesis as they move through the degree, culminating in a year long thesis of the student's own choice, supervised by a staff member. At the end of the programme students will have the qualification necessary to operate in the discipline as a professional urban designer or, after practical experience and architectural registration, operate in architectural practice. Students will also be able to progress to further post-graduate study at PhD level.</p> <p>Architects and urban designers cannot physically create or seek to improve and address societal issues without an in-depth understanding, knowledge and skills gained from theory and practice and then having the ability to apply these within the appropriate contexts. Each course increases the levels of challenge, with more reliance on your own independent research, analysis and synthesis in order to increase your capability in these areas. Graduates will be expected to demonstrate a sophisticated and nuanced knowledge and application of requirements and issues related to urban design and architectural theory, research, practice and the professions.</p> <p>In both taught courses and a sustained and self-directed year-long design thesis of the students own topic choice, students should actively pursue and develop their own positions in relation to issues, the discipline and related areas of theory and practice. The thesis will increase the level of challenge, with more reliance on student's own independent research, analysis and synthesis developing this capability.</p>

<p>Critical Thinking</p>	<p>Capability CT.1 Demonstrate the ability to critically engage in independent research and analysis that identifies conditions and needs; establishes premises; gathers information; analyses issues; appraises possibilities and produces in-depth analysis, assessments and rational conclusions for architectural and urban design responses.</p> <p>Capability CT.2 Demonstrate the ability to apply critical thinking in architecture and urban design: to generate concepts, designs and synthesise them with practical requirements in both rational and creative way to deliver working and meaningful urban design outcomes and solutions; then reflect on and assess their validity through an evaluation with sophisticated argument and exposition.</p> <p>Capability CT.3 Display an understanding of the need and the ability to challenge existing knowledge from the base discipline; to explore multiple sources and different viewpoints; to critique modes of architectural and urban design practice; to develop a range of design and written processes and to construe both reasoned and creative arguments and interpretations in order to improve quality of the built environment.</p>	<p>Post-graduate students need to be able to contest knowledge and practice at a high level, critically consider ideas, texts and research and think reflectively and reflexively in a sophisticated way. The first two years of level 700 courses develop this capability, which is then demonstrated at a high level in the thesis.</p> <p>Architecture and urban design require the synthesise of a wide range of potentially competing issues which need to be brought together and analysed to create realistic and practical solutions for the built environment. Students will find that as their level 700 programme progresses, the demands and degree of difficulty in producing a successful design outcome increase due to the expectation that more issues are addressed. The design thesis is expected to advance and add to built environment knowledge.</p> <p>Architecture and urban design are more than simplistic problem solving; in many situations it is often necessary to challenge conventional precepts and expectations. Architecture and urban design can be assessed from a wide variety of points of view, a reflection of the complexities of the disciplines and the world. At this 700 level, graduates are expected to deal with pertinent issues in a manner that demonstrates nuanced understanding of the disciplines. The thesis allows opportunity for high-level exploration of personal interest and expression of this through a range of processes.</p>
<p>Solution Seeking</p>	<p>Capability SS.1 Display an advanced ability to think creatively and apply research, theory, analysis and creativity in order to conceptualise and develop three-dimensional architectural and urban design form and space in relation to individual, community and environmental needs.</p>	<p>Students at post-graduate level are expected to be able to apply theory, analysis, research and creative skills to solve problems and make reasoned decisions at a high level with advanced solution seeking abilities that meet disciplinary needs as well. These should take into account not just societal needs and desires but be sensitive to the natural environment to ensure urban sustainability. The level 700 courses allow the opportunity to develop this capability at a sophisticated level, which is expressed in the thesis that culminates the degree.</p>

	<p>Capability SS.2 Demonstrate an advanced ability to incorporate a wide range of competing individual, community based and environment concerns, materiality, structure, construction, building services and other sometimes complex requirements, to achieve a realistic and deliverable architectural or urban design response.</p> <p>Capability SS.3 Display the development of personal interests, abilities and specialisations, in relation to other disciplines. Demonstrate an advanced ability to be inventive and generate new and original possibilities in relation to built and natural environment issues.</p>	<p>Each course increases the levels of challenge, with the need to deal with the more complex issues and requirements that are encountered in design theory, policy and practice, in order to increase your capability in these areas. The thesis allows a range of issues and topics to be explored and resolved through an individual exposition and design.</p> <p>Due to changing needs and sometimes unpredictable requirements, unfamiliar situations and complex problems, architecture and urban design graduates need to be able to anticipate and deal with emerging issues and be forward thinking in the search for solutions. In an increasingly complex physical and social environment, students are expected to develop personal interests and expertise in particular areas with an eye to possible future specialisation. The level, number and variety of challenges will increase as the level 700 courses progress, culminating in the thesis.</p>
<p>Communication & Engagement</p>	<p>Capability CE.1 Demonstrate a variety of skills and adequate ability (both individually and through collaboration) in communicating information and ideas in a range of media including the graphical, spoken and written, conscious of diverse audiences.</p> <p>Capability CE.2 Demonstrate advanced abilities in relation to design and writing; communicating research, concept, theoretical argument, design intent and architectural and urban form at all stages of the design process, through a range of media, to various audiences.</p>	<p>Post-graduates are expected to be able to receive and interpret information, express ideas and share knowledge in a sophisticated manner with a variety of audiences in a range of media and formats. Architecture and urban design graduates need to develop skills individually and also working in groups and teams and with a variety of collaborators from laypeople and community groups to specialists and decision makers. The degree allows the extension of this capability through level 700 taught courses and the thesis.</p> <p>Post-graduates must develop advanced expertise in communicating planning and architectural ideas, forms and designs in a wide variety of ways and be able to tailor their communication in appropriate and nuanced ways to different people or groups in society. The taught courses allow high-level development in this area which will be expressed at a sophisticated level in the thesis.</p>

	<p>Capability CE.3 Demonstrate advanced ability in the exploration and development of new ways of engaging audiences and communicating architectural intent and form, as new media and technologies develop.</p>	<p>As the world and the people in it change, and new issues arise, architecture and urban design graduates must develop the abilities to find new ways of engaging and communicating with people. Students are challenged, as courses progress, to do this. The thesis allows the final expression of this capability in the programme.</p>
<p>Independence & Integrity</p>	<p>Capability II.1 Demonstrate high-level independent and self-directed research, analysis, design and professional development and understand the need for ongoing life-long learning and personal and professional development.</p> <p>Capability II.2 Demonstrate sophisticated and critical reflection on one's own ideas, concepts, arguments and designs. Demonstrate the ability to respond to external critique in a mature and nuanced manner with personal integrity.</p> <p>Capability II.3 Demonstrate good judgement and ethical behaviour in research, communication, creativity and practice, as well as in dealings with colleagues and the wider community.</p>	<p>Post-graduates are expected to be able to learn and work autonomously and ethically at a high level. They are expected to be lifelong learners, to show resilience, proactivity and an ability to make principled decisions in academic and professional spheres. This capability is built on at a high-level through the Level 700 courses and thesis.</p> <p>Post-graduates need to demonstrate advanced levels of reflection and self-critique in order to improve the quality of their work and the built environment outcomes. Students must listen and respond to the views of others but maintain integrity in seeking the best design outcome for not just the client or profession but the public and the environment. The programme allows the opportunity to develop this capability to a sophisticated level.</p> <p>Ethical behaviour in all areas of study, thought and work are important at the university and in the profession in order to safeguard intellectual endeavour and the rights of others, from colleagues to clients to the public, and in terms of our responsibilities to the environment and future. Through the courses students will be introduced to, and required to show higher degrees of ethical practice, especially as courses increase the complexity of challenges.</p>
<p>Social & Environmental Responsibilities</p>	<p>Capability SE.1 Display an understanding of the need to acknowledge and respond to diverse individual, community and environmental needs within a wider range of differing societal and cultural values, understanding and requirements, especially in relation to Te Tiriti o Waitangi.</p>	<p>Post-graduates are expected to acknowledge Māori world views and the historic place of the Treaty of Waitangi. They are expected to demonstrate respect for cultural and other forms of diversity and to embrace difference in society and how this may be expressed in the built environment. This programme allows students to develop and demonstrate this in a sophisticated and nuanced way.</p>

	<p>Capability SE.2 Demonstrate an appreciation and knowledge of the inter-relationship between the built and natural environments and the ability to develop sustainable and resilient architectural and urban design practices which will shape and direct the future of society and our built and natural environments.</p> <p>Capability SE.3 Display an advanced understanding of the need for architecture to address not just contemporary demands, but pertinent issues and future needs.</p>	<p>Through the level 700 courses and the thesis, a high-level appreciation of the inter-relationship between the built and natural environments and the ability to develop sustainable practices in shaping the future and supporting society is developed at a high level. Post-graduates are expected to recognise a role for themselves in creating a sustainable future and be able to consider the social, cultural, environmental and economic consequences of national and international issues, and for this capability to be expressed in their work.</p> <p>Architecture and urban design are future-oriented; what we create shapes the built environment for generations. Architecture and urban design post-graduates need to demonstrate a high-level understanding and addressing of future requirements in their work. The level, number and variety of challenges will increase as courses progress, culminating in the year-long design thesis, deepening student understanding and development of this capability.</p>
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List of stakeholders and students consulted for the completion of the embedded Graduate Profile:

Staff of School of Architecture and Planning, School Staff Student Consultative Committee, a group of senior students and recent graduates, NZ Registered Architects Board, NZ Institute of Architects, leading urban planning professionals, new graduates and urban design students.