

Architecture, Design and Planning Winter Research Description

Project 1

Project Title:	50yrs of Zelman Cowen mini exhibition and booklet
Hours of Engagement & delivery mode:	For the Winter program, students will be engaged for 4 weeks only. 20-25 hours per week Project will be offered on-site.
Description:	The School of Architecture, Design and Planning is celebrating the 50yr anniversary of both Zelman Cowen Building (51) and the BRUCE Architecture Student Society in an event on July 24, 2025. Students will be tasked with researching archival photos and footage, and curate an exhibition of that best represents the building and student culture across 1975 – 2025. A subsequent booklet should be designed, developed and printed for the event.
Expected learning outcomes and deliverables	Scholars may gain skills in data collection, analysis, and will have an opportunity to display their research to a public audience. Students will also be asked to produce a series of exhibition panels and booklet for the 50yr celebration of Zelman Cowen Building (51) and the BRUCE architecture student society.
Suitable for:	This project is open to applications from students with a background in design, architecture or planning with an interest in events/exhibition display and/or visual communication.
Primary supervisor:	Olivia Dwyer – schoolmanager@adp.uq.edu.au
Further info:	For any questions contact office@adp.uq.edu.au

Project Title:	Duhig Tower: Digital scanning and development of digital documentation files
Hours of Engagement & delivery mode:	For the Winter program, students will be engaged for 4 weeks only. 20-25 hours per week Project will be offered on-site.
Description:	<p>To produce digital files of the seven levels of the Interior of the Duhig Tower, and adjacent spaces, suitable and available for use in future design exercises by the University's Properties and Facilities Division. The work comprises:</p> <ul style="list-style-type: none"> - the seven floors of the Duhig Tower - limited open space to the south, east and north of Duhig on Level 1 - the Great Court cloister adjacent to Duhig and external space occupied by Merlos on Level 2 - a roof terrace overlooking the Great Court from the Fryer Library on Level 4; and - roof on Level 8 <p>But not:</p> <ul style="list-style-type: none"> - The link to Central Library <p>Other tasks which can be undertaken if time permits are:</p> <ul style="list-style-type: none"> - the exterior of the tower; - the roof of Forgan-Smith East - an assessment of the print capacity of the building; and - options for the distribution of the print collection within the Duhig Tower
Expected learning outcomes and deliverables	Scholars may gain skills in digital documentation and technical drawing documentation.
Suitable for:	This project is open to applications from students with a background in architecture and/or planning. Must have prior completion of ARCH7084: History and Heritage and/or some skills and interest in digital scanning
Primary supervisor:	Olivia Dwyer – schoolmanager@adp.uq.edu.au
Further info:	For any questions contact office@adp.uq.edu.au

Project 3

Project Title:	Transport Academic Partnership (TAP) Research – Redesign of bus stops in Far North Queensland
Hours of Engagement & delivery mode:	For the Winter program, students will be engaged for 4 weeks only. 20-25 hours per week Project will be offered on-site.
Description:	The Department of Transport and Main Roads aims to redesign bus stops in two North Queensland cities: Cairns and Townsville. This project seeks to understand and explore users' experiences with the current bus stops and identify factors that impact their overall experience. Utilising a human-centred approach, the project aims to provide evidence-based recommendations for the design of the bus stops. Qualitative data will be collected through surveys, site visits and observations, followed by a co-design session with all users.
Expected learning outcomes and deliverables	<p>Students will gain skills in a variety of research activities and learn about the human-centred approach in research design. These activities include research design studies and data collection, specifically through site visits and a survey. There may also be an opportunity to generate publications from their research at the end of the project.</p> <p>Some of the deliverables of this project are as follows:</p> <ul style="list-style-type: none"> • Perform a literature review of environmentally responsive bus stop design and best practice in the world in relation to customers' experience on the journey. • Propose design and engagement strategies for bus stops in northern Queensland. • Provide example case studies of solutions for selected typical bus stops.
Suitable for:	This project is open to applications from students with a background in urban planning, architecture and design. It is open to third and fourth year students only.
Primary supervisor:	Dr Mehrnoosh Mirzaei– m.mirzaei@uq.edu.au
Further info:	For any questions contact Dr Mehrnoosh Mirzaei– m.mirzaei@uq.edu.au