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Griffith Architecture, Industrial Design and Planning



DEAR COLLEAGUES, GRADUATES, STUDENTS AND FRIENDS,

With delight and pride, we present the catalogue of Griffith Architecture and Industrial Design's 2023 End of Year Exhibition RESPONSIVE. The Exhibition's theme reflects our students' commitment to being responsible leaders in shaping a sustainable, inclusive and socially just future. The students' design work demonstrates the focus of our programs on nurturing critical thinking and complex problem-solving and preparing our students to envision positive change to the concerns of today and tomorrow. The Exhibition showcases a selection of exemplary work from the Bachelor and Master of Architecture degrees and the Bachelor of Industrial Design.

The Exhibition is an extraordinary opportunity to bring together students, practitioners and academic staff and review together the work of our students and graduates in an atmosphere of celebration. We are enthusiastic about the outcomes achieved by our students, and we are sure that you will find their work considerate and inspiring. Finally, we want to warmly thank the insightful and generous contribution of industry, practitioners and practices in the academic life of our students.

Thank you so much for your support!

Professor Caryl Bosman

Head Architecture, Industrial Design & Planning c.bosman@griffith.edu.au

Dr Natalie Haskell

Dr Peyman Akhgar

Exhibition Curator Lecturer in Industrial Design n.haskell@griffith.edu.au Exhibition Curator Lecturer in Architecture p.akhgar@griffith.edu.au



End of the Year Exhibition, Opening night, HOTA

BACHELOR OF ARCHITECTURAL DESIGN







Catherine Broekman

JOERG BAUMEISTER DESIGN STUDIO 1 BODIES IN SPACE AND PLACE - 1901ENG

TEMPORARY INSTALLATION AT THE GU AQUATIC CENTRE

Design Studio 1 introduces students to fundamental design concepts relative to Architecture, Planning and Design disciplines. Through a series of exercises, students are investigating the experiential dimensions of space, its materiality and qualities in relation to the human body: "Body Extension" is to design and construct an experimental device that extends a specific function of the human body, "Body

and Space" takes this device into a spatial context, and the main assessment "Body and Place" develops a design proposal for an installation by speculating about a temporary event and exploring how and where a body will occupy the space.

Tutors: Dr.Jenny Cui, Chris Gee, Elisa Fernandez Ramos, Liz Watt, Tracey Woods



Catherine Broekman

DESPINA LINARAKI STUDIO 2 SECTIONED SPACES AND PLACES - 1902ENG

PERFORMANCE ART SPACE

This studio delved into designing immersive performance art spaces emphasizing audience experience and interaction. Situated on a steep slope at North Burleigh lookout, the studio comprised three design phases. In the first phase, students studied precedents and developed an architectural design toolbox. Then, they created their concepts using an iterative model-making process. These concepts were integrated into the site's complex topography.

The design development focused on the integration to the site, and the user journey, and experience. The process encouraged critical and creative thinking and problem-solving to inform design choices, fostering a culture of innovation within the studio environment.

Tutors: Demitrya Frangos, Elisa Fernandez Ramos, Brice Pannetier, Liz Watt, Martin Ziarmal











ierra Dawsoi













PEYMAN AKHGAR STUDIO 3 CONTEXTUAL RESPONSE - 2903ENG

EVERYDAY ARCHITECTURE: DESIGNING COMMUNITY CENTRES FOR SOUTHPORT

The studio looked at relatively dormant streets in Southport. The task was to design a community/neighbourhood centre by repurposing an existing site. Students were challenged to develop design strategies beyond creating a regular institutional building, but rather a building which acts as a "social device", helping to revitalise and activate a dormant street and, on a larger scale, the neighbourhood and suburb. The initial task was to analyse the socio-physical context: the site's physical features and people's everyday activities within the neighbourhood through observational, ethnographic, and spatial studies. Those findings and observations then assisted students in developing localised, context-sensitive design solutions – an approach which we called "everyday architecture".

Tutors: Chris Gee, Karen Gee, Aliaksandr Merkulau, Marli Moller, Liz Watt







Emily Boha

audia Lewandowski





JESSICA BLAIR DESIGN STUDIO 4 CONTEXTUAL AWARENESS - 2904ENG

MURWILLUMBAH CARE ENVIRONMENT

In Design Studio 4 students considered the architectural aids of mental health prevention in developing a non-normative health and well-being centre for Murwillumbah, NSW. Students were encouraged to think beyond the current institutionalised setting of treatment and propose spaces inspired by a wide range of typologies therefore allowing the potentials of the building to open up.

The privacy requirements of the health and wellbeing centre were considered alongside acts of public outreach. The occupation of mental health centres can have a stigma attached. The architectural response aimed combat this stigma by normalising the experience and de-categorising the spaces typically associated with a mental health and well-being centre. Going further, the most successful responses celebrated the idea of mental well-being in a way that actively engaged with the community, the street, and the town without secrecy or reluctance and with respect for local and cultural determinants.

Tutors: Jacob Hough, Liz Watt, Martin Ziarmal

Nicka Bazvand







Nicka Bazvand



Jazz Jover













Mason Cree

Emily Bohan





Klaudia Lewandowska

ZUZANA KOVAR DESIGN STUDIO 5 CITY SYSTEMS - 3905ENG

WOMEN'S TRANSITIONAL FACILITY

The Studio – City Systems, focused on the city scale and its network of facilities and services. A holistic view of the built environment was put forth where the understanding of dependencies between various systems is paramount. This systems thinking approach was explored at two scales - urban and building.

An analytical mapping exercise of a case study and its context sought to identifying and understand a number of key built elements within a city system: paths, nodes, landmarks, edges, districts and infrastructures. A masterplan for the project site was then developed

embodying the built, social and ecological elements of a city system, identifying urban strategies for connecting into the system of the city itself. The final proposal for a medium-scaled Women's Transitional Facility in Red Hill, Brisbane brought together considerations of the relationship between the building and the city, the building as a city.

The studio was a collaborative effort with Guymer Bailey Architects and was delivered with assistance from the Griffith School of Criminology and Criminal Justice.

Tutors: David Hanson, Gordon Macindoe, Liz Watt

Havlie Wellauer









Denise Alyssa Me

Lexi Berrios Todd



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Lexi Berrios Todd



Solar Energy Gutter system collects rainwater to harvesting tank (explained in sections) Materials and design decisions based on BAL-FZ and protection Rainwater used for irrigation and sprinkler system (explained in sections) Main building blocks strong South-West winds Buildings placed around the Nucleus to protect it

Joseph Prospere

JOANNE CHOUEIRI DESIGN STUDIO 6 CONSTRUCTIONAL COMPOSITION - 3906ENG

DESIGNING FOR MEMORY: BINNA BURRA'S BUSHFIRE MUSEUM MEMORIAL

The studio is centred around designing a 500m2 museum memorial commemorating the Australian Bushfires of 2019-2020, commonly known as Black Summer. The studio was based on analysing four areas to achieve a comprehensive design proposal of the bushfires: the bushfire narrative, site design, museum functionality, and Structure and Construction. The journey is intended to transport the visitor from the external natural forest site to the museum's inviting and sometimes dramatic entrance, passing through the interior spaces that told the story of the bushfire and its atrocities through its structure and interior exhibits to exit back to Binna Burra's nature.

Tutors: Shaye McLean, Liz Watt





Paula Calixto Egues

aula Calixto Egue





Tessa Bradle



Charles Choppin

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MASTER OF ARCHITECTURE







Vrushik Gajjar

RUWAN FERNANDO - CECILIA BISCHERI - ZUZANA KOVAR **RESEARCH BY PRACTICE WORKSHOP 2 - 7009ENG**

The course adopts a research-by-design methodology and supports students in developing fundamental critical thinking skills to address topical issues of today and tomorrow.

The research-based framework prepares students for higher-degree research.

The projects were organised under several themes

titled: Za'atari Refugee Camp: A Laboratory for Resilient Communities and the 2022 Northern New South Wales Floods: Urban Speculations for Ravaged Suburbs, Generative Design; Speculative Urban Ruins as Counter Monuments; Symbiosis with Water; Regenerative Architecture; Design Strategies for Adaptation; Centre for High Performance in Sports; Green Infrastructure Applications.



Mahima Hearth



 Volume
 Volume

 Volume
 Volume







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Thanh Xuan Lam















Claire Boothby

CECILIA BISCHERI ADVANCED ARCHITECTURE STUDIO 2 - SYSTEMS OF ADAPTATION -7602ENV

FARMERS' MARKETS AS SOCIAL AND COMMUNITY CONDENSERS: A PROPOSAL FOR THE MT GRAVATT MARKETS

The design project focuses on the master plan and design of the Mt Gravatt Farmers' Markets at the Mt Gravatt's Showgrounds.

The students' proposals engage with the fundamental role of architecture as an advocate for social cohesion and community resilience. Farmers' markets are, in fact, centres of civic engagement and identity builders.

Students have put forth concepts drawn from Landscape Urbanism theories, Richard Sennet's idea of Open City, and original literature presenting Aboriginal Peoples' aspirations to care for Country. The projects have engaged with the tangible and intangible context and its community.

The project was developed in concertation with the Mt Gravatt Showgrounds Society and allowed the students to work with a client.

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BACHELOR OF INDUSTRIAL DESIGN + HONOURS







Ethan Reid and Gianluca Maseli

NATALIE HASKELL - SAM CANNING INDUSTRIAL DESIGN STUDIO 1 - 1107ENG

Industrial Design Studio 1 is the new first year 20CP Industrial Design studio. This course introduces the industrial design process (user centred design and core foundation skills development), with along an introduction to digital fabrication (applied industrial design process, circular design approaches, and digital manufacturing workflows). Foundational skills include ergonomics, user research, sketching and

prototyping, along with the direct engagement with materials and manufacturing processes both existing and emerging and the comparative impact of these processes in terms of sustainability for local production. Students visit local production facilities to see manufacturing processes and materials first-hand as well as performing experiments and materials analysis during studio time.





Ethan Reid and Gianluca Maseli







Will Challacombe and Jonas Clark



Christian Maslen

SAM CANNING HUMAN MACHINE INTERFACES - 3631ENG

Human Machine Interfaces (HMI) is a third-year Industrial
Design course which emphasises the importance of the
emotional and physical responses of the users of products,
services and systems. In this course students learn how to
design with electronic hardware and programming skills to
target social impact, and to identify challenges faced by people
and communities around the world.The objective is to the
specific problem with
demonstrate a solut
an activity, task or in
varied to include, per
customised insoles.

The objective is to thoroughly investigate and analyse a specific problem within the realm of social impact and demonstrate a solution that will benefit society by improving an activity, task or interaction. The student-led outcomes are varied to include, pet safety devices, water testing devices and customised insoles.







hristian Maslen











Lauren Laverty, Mitchell Bell, Yeonsu Sinn and Owen Crombie

WAYNE HALL **DESIGN AND MANUFACTURE OF COMPOSITES - 3801ENG**

This course focuses on the design and manufacture of fibre reinforced composites with an emphasis on practical exploration. 3801ENG covers the basic make up of composites (fibres and matrices), mould construction, and the design and fabrication of composite parts and structures. Composite

manufacturing processes, including basic wet layup and advanced methods such as vacuum bagging and prepreg moulding are addressed in detail. This trimester the major project was to design and build a Tensegrity structure made from carbon fibre strong enough to support and hold a cup of coffee.







DeeDee Russell and Lauren Freeman

CONRAD JOHNSSON DIGITAL MAKING : OBJECTS + FURNITURE - 3619QCA

Digital Making is a third-year course core to Industrial Design. This course focuses on the concepts of sustainability, craft practice and relocalisation of manufacture through the use of digital manufacturing techniques. Students are required (in pairs) to design a piece of furniture for batch production using digital manufacturing techniques to control repeatability and create a sustainable, optimised workflow by maximising the efficiencies offered by these technologies. Student outcomes incorporate strategies exploring hybrid digital handmade approaches.







Jay Gillies and Mitchell Bell





Jesse Pickering

WORK INTEGRATED LEARNING (WIL) INTERNSHIPS

Students gain valuable industry experience through WIL internships within their degrees. Jesse Pickering completed his WIL unit with the Herston Biofabrication Institute. "As an Industrial Design student, I have had the incredible opportunity to work on a cutting-edge project at Herston Biofabrication Institute (HBI). During my work placement at HBI, I worked on a project aimed at developing a 3D printed bio-compatible prosthetic

eye. I applied design theories, CAD modelling, and DfAM to create various 3D models of prosthetic eyes using Blender software. These models were eventually printed in colour on a Stratasys J750 3D printer, resulting in successful first prototypes for the project. This experience allowed me to better understand the potential of 3D printing technology in the medical industry."

TECHNICAL TEAM

With spcecial thanks to the technicans who support our programs:

| Elida Alvarado | Rhett Hatton |
|-------------------|----------------|
| Miles Cornish | Alex Innocenti |
| Anne-Maree Garcia | Joshua Jardine |



Andrew McDonald

Ann-Maree Saver

Jason Urech







Site Visit

STUDENT EXPERIENCE

Griffith Architecture, Industrial Design and Planning mentoring program

The Griffith Architecture and Design Mentoring Program helps students settle into their first trimester of B.Arch through mentoring and support in small groups. The goal of the program is to

3905ENG Studio 5 CITY SYSTEMS

The studio is a collaborative effort with Guymer Bailey Architects, and is delivered with assistance from Queensland Corrective Services (QCS) and the Haylie Wellauer

provide first year students with a mentor who is an experienced student, who can provide guidance and advice during the early stages of the degree.

Griffith School of Criminology and Criminal Justice (GSCCJ)

STORIES THAT MATTER

2023 Board of Architects Prize from AIA:

Charlotte Falla

Awarded by the Board of Architects for the highest proficiency over the whole architecture program

2022 QIA Memorial Medallion

Jack Wright

Awarded by the Australian Institute of Architects in recognition of academic excellence.

2022 DBI Design Awards

Jostein Hjaltalin

Awarded for the highest overall result for the final year of the Bachelor of Architectural Design

2022 Metecno PIR Architecture Award

Kailani Hubbard

Awarded to the student who achieves the highest mark in the course 3901ENV Architecture Studio 4

2023 The Dazzling Student Advancement Prize - Architecture

Samantha Geddes

Awarded for the student who has demonstrated the most significant improvement during trimester 2 in first year.

2023 The Dazzling Student Engagement and Achievement Prize - Architecture Nicka Bazvand

Awarded for a second year student who has actively engaged and achieved a core skill in second year trimester 2 studio.

2023 The Dazzling Student Advancement Prize - Industrial Design Jesse Pickering

Awarded for admirable levels of dedication to study and demonstration of a real will to succeed

2023 The Dazzling Student Engagement and Achievement Prize - Industrial Design Eleanor Holton

Awarded for her hard work and willingness to volunteer. She really embodies the spirit of the Griffith Industrial Design program

2023 The Dazzling Student Advancement Prize - Urban Planning

Adam Cross

Awarded for the student who has demonstrated the most significant improvement during trimester 2 in first year

2023 The Dazzling Student Engagement and Achievement Prize - Urban Planning Harrison Stewart

Awarded for a first year student who has actively engaged and achieved a core skill in studio.







THANK YOU TO ALL WHO HAVE CONTRIBUTED THROUGHOUT THE YEAR!

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