INTERDISCIPLINARY JOINT URBAN DESIGN STUDIO

Experiential studio Offshore – ARC7038

INNER HARBOURS
SHARING ECONOMY
URBAN MOBILITY

IJUD STUDIO - 2016
STRASBOURG / ADELAIDE / TONGJI
ABOUT STRASBOURG
A different kind of bike
THE PROJECT AREA: Port du Rhin
INNER HARBOURS, URBAN LOGISTIC
(people and goods mobility)

Flows of goods in Copenhagen

Exchange of goods and services among US cities
Source: 1996, Plastic products (BEA)

Speed and direction of flow of people in Manhattan
(Source: Jeff Clark, Neoformix)
SHARING ECONOMY

• A social and economic system driven by network technologies and peer communities that enable the sharing of underutilised assets (space, time, skills, objects, tools, money), transforming how we produce, consume, finance and learn.
I do not need a drill.
I need a hole in the wall

Loft storage $300 a year
Room $38 a night
Saxophone $55 a month
Surfboard $80 a week
Parking space $20 a day
Speedboat $300 a day
Lawnmower $6 a day
Bike $18 a day
Dog $5 a walk
Hermès Birkin bag $100 a party
Pickup truck $9 an hour
TRAVEL PLAN

26/27th of June  Depart Adelaide (dates TBC)
27/28th of June  Arrive in Rotterdam (dates TBC)
29th of June  Visit Rotterdam Architecture Biennale IABR on “Next Economy”
30th of June  Travel to Strasbourg
1st of July  Visit old Strasbourg
2nd/8th of July  IJUD studio at ENSA Strasbourg
9th of July  Depart Strasbourg
10/11th of July  Arrive in Adelaide (dates TBC)
DELIVERABLES AND ASSESSMENTS

• Group work produced in Strasbourg 30%
  • Including A1 panels, model and creative installation/performance

• Travel Diary / Reflective Journal 30%
  • Description of activities
  • Critical comment to studio experience

• Final individual presentation in ADL 40%
  • Individual designed proposal, polished and finalised to be used for a publication, containing: text (diary + project rationale), designed proposal, installation realised in Strasbourg.
THE URBAN ECO-DESIGN LAB

Independent Study ARC7039

http://www.urbanecodesignlab.org/#about
WHAT IS THE URBAN ECO-DESIGN LAB

URBAN + ECOLOGY + DESIGN

The Urban Eco-design Lab is an experimental research centre in the framework of the ‘sustainable built environment’ group of the school of architecture and built environment of the university of Adelaide.

The Lab adopts an Urban Landscape approach, looking at the social, environmental and economic aspects of design.

The aim of the Urban Eco-design Lab is to define ecological design strategies able to face the challenges posed by environmental change in urban areas.

Masters students, doctoral candidates and researchers are engaged in a collaborative form of design / action / research involving industry and the local community.
The Lab develops applied research projects integrating the rigor of scientific research with the creativity of the design process, in the fields of:

- urban ecological design
- sustainability in landscape design/planning
- adaptive water management, climate sensitive urban design, water sensitive urban design
- green corridors and green infrastructures
- urban farming
- inclusive public spaces (design for all)
- sustainable mobility and its places
- urban space adaptive reuse.
NEXUS 10 REGENERATION PROJECT - 2015
JURLIQUE’S HEADQUARTERS REDEVELOPMENT PROJECT
2015/ongoing
Inspired by Jurlique’s unique packaging, the screen and logo could be seen from the street as the major site identifier for tourists, visitors, and clients. Exploration into the most suitable plant species and growing varieties could dramatically alter the aesthetic of this innovation. The logo and grand identification could also reiterate Jurlique’s commitment to its green team initiative.

AN AESTHETIC IMPLEMENTATION, THE JURLIQUE LOGO WOULD SIT FORWARD FROM THE WALL, ALLOWING A GREEN SCREEN TO SIT BEHIND, BECOMING AN ECOLOGICAL FACET OF THE BUILDINGS FACELIFT.

GROWING RAIN GARDEN

CURB SIDE RAIN GARDEN

JURLIQUE

250MM PROTECTED SOIL MIXTURE
150MM GRWOOD PIPE BED

Raining Well
Over Flow Pipe

PLANT DETAIL

50MM NON-FRONTAGE WATER HARNESS
150MM PONDING DEPTH

WATER TANK
PLANTING THE GREEN WALL
21 MARCH 2015
HOW TO PARTICIPATE

IN ORDER TO PARTICIPATE YOU WILL NEED:

▪ to be a Master student in Landscape Architecture, Architecture, Urban Planning and Urban Design. Priority will be given to students in Landscape architecture;
▪ to be enrolled in the *Independent Study* ARC7039 course, an elective, that is available in Semester 1 and Semester 2.
▪ Sign the Student Project Participation Agreement

HOW DOES IT WORK

▪ we are looking for a group of maximum 10 students;
▪ the selection of the students participating will be based on school’s transcripts and motivations.
▪ this semester, we are offering scholarships of the value of $250 for the best students in the team;
▪ the Lab is based in room 3047, Barr Smith South Building, Level 3.

ACTIVITIES PROGRAM

▪ In the first semester you will be involved in the realisation of an *Adaptive water management system prototype*, in collaboration with Jurlique Int. This will involve hands-on work on a real building site;
▪ In the second semester you will be involved in the design of the open spaces of the Jurlique’s headquarters or in the design of Ecotourism facilities design in McLaren Vale and/or York peninsula.
WORKPLAN (Jurlique’s project)

Approximately 3hs a week of tutorial time, about 36 hrs and 2/4 field surveys.

• Module 1: Feasibility study
  Jan / Jun 2015 – research and develop masterplan proposal

• Module 2: The Prototype
  Aug / Nov 2015 – develop a schematic design proposal and a prototype construction design

• Module 3: The Prototype realisation
  Mar / Jun 2016 – Build the prototype of an adaptive water management system

• Module 4: Schematic design proposal for Jurliques’ Open Spaces Project
  Aug / Nov 2016 – develop the schematic design project into an architectural design proposal

• Module 5: Architectural design and Realisation of Open Spaces Project
  TBC 2017 – follow the construction site supporting the construction company
DELIVERABLES AND ASSESSMENTS

• Deliverables according to current work phase 70%

• Reflective journal and final presentation 30%
  • Description of activities undertaken
  • Critical comment to studio experience
PORT AUGUSTA STUDIO

PUBLIC SPACE AND URBAN REGENERATION

Experiential studio Onshore ARC7037
PART B: DEFINING STRATEGIES

The opportunity for the deep history which is engraved in the character and the fabric of the city is a significant asset that needs to be preserved and enhanced. The potential for the heritage buildings in the historic core to be revitalized and repurposed to meet the needs of the community is a key part of the strategy. Through the implementation of the strategies, each one of these buildings will be responsibly integrated into a network of living history that will reconnect the community with its past.

We make three of the significant areas in the city of Port Augusta (see map). Each of these areas will be focused on in more detail in the following sections.

1. The Desert: This area is characterized by its industrial heritage and is home to many of the city's historic buildings. The potential for this area to be repurposed into a cultural and educational hub is significant.

2. The Coastal: This area is characterized by its historic water front and is home to many of the city's historic buildings. The potential for this area to be repurposed into a tourism and recreation hub is significant.

3. The Urban: This area is characterized by its historic central business district and is home to many of the city's historic buildings. The potential for this area to be repurposed into a commercial and cultural hub is significant.

ACTION PLAN: THE CULTURAL HERITAGE TOURISM PLANNING FOR PORT AUGUSTA

1. Identify and inventory heritage buildings and sites.
2. Develop a conservation and management plan for each heritage building.
3. Develop strategies for the repurposing of heritage buildings.
4. Develop a marketing and promotion strategy for the heritage buildings.
5. Develop a community engagement strategy for the heritage buildings.

Strategies for the repurposing of heritage buildings:

1. Preservation: This strategy involves the preservation of the heritage buildings in their original form. This strategy is suitable for buildings that are in good condition and do not require significant restoration.

2. Adaptation: This strategy involves the adaptation of the heritage buildings for new uses. This strategy is suitable for buildings that require significant restoration.

3. Protection: This strategy involves the protection of the heritage buildings from further deterioration. This strategy is suitable for buildings that are in poor condition and require urgent attention.

The potential for the repurposing of the heritage buildings is significant. The heritage buildings have the potential to become a central feature of the city's tourism and cultural identity. The potential for the repurposing of the heritage buildings is significant.
• Return to Port Augusta 19/23 Sept (dates TBC)

• Old students will present their last year projects to the community

• We will discuss with and listen to the community

• On the base of the feedback we will draft a designed proposal for the urban space of CBD and waterfront areas

• We will present it to the local community at the end of our stay

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<tr>
<th>All Dates TBC</th>
<th>Meeting last year students</th>
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<tr>
<td><strong>19th of September</strong></td>
<td>Depart Adelaide</td>
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<td>Public workshop in PA</td>
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<td><strong>20th of September</strong></td>
<td>Studio time</td>
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<td><strong>21th of September</strong></td>
<td>Studio time</td>
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<tr>
<td><strong>22th of September</strong></td>
<td>Studio time</td>
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<tr>
<td><strong>23th of September</strong></td>
<td>Work presentations</td>
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<td>Back to Adelaide</td>
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<td><strong>All Dates TBC</strong></td>
<td>Projects reviews and final</td>
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<td>presentation in ADL</td>
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DELIVERABLES AND ASSESSMENTS

Assignment 1 - (group work) - 30%
• Four A2 pages (page vertical) with designed proposal for assigned area (in PA) (scale 1:2000/1:500/1:20/ renders)

Assignment 2 - (individual work) – 30%
• Reflective journal (booklet with minimum 2000 words with photos, sketches, etc.) containing:
  • Diary of Journey in Port Augusta with detailed description of activities undertaken
  • Report of community discussions
  • Critical comment to studio experience

Assignment 3 - (individual work) – 40%
• Two A2 pages (page vertical) with designed proposal for assigned area (scale 1:2000/1:500/1:200/1:20/ renders)