ABPL20028 Architecture Design Studio: Water

Credit Points:	12.5
Level:	2 (Undergraduate)
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 1x1 hour lecture per week; 1x3 hour studio per week Total Time Commitment: 170 Hours
Prerequisites:	

Subject	Study Period Commencement:	Credit Points:
ENVS10004 Designing Environments	Semester 1, Semester 2	12.50

Corequisites:	None
Recommended Background Knowledge:	Students are expected to have skills in basic model making, drafting and drawing. Students requiring extra skills in drafting are strongly encouraged to attend a short intensive optional workshop to be held before the middle of the semester. The following subject is recommended:

Subject	Study Period Commencement:	Credit Points:
ENVS20001 Digital Design and Fabrication	Semester 1, Semester 2	12.5

Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability
Coordinator:	Assoc Prof Jianfei Zhu
Contact:	Email: **jianfz@unimelb.edu.au (mailto:jianfz@unimelb.edu.au)** The Eastern Precinct (building 138) (between Doug McDonell building and Eastern Resource Centre) **Enquiries:** Current Student: **http://ask.unimelb.edu.au/ (http://ask.unimelb.edu.au/)** Web: **http://edsc.unimelb.edu.au/ (http://edsc.unimelb.edu.au/)**
Subject Overview:	This subject was formerly called Architecture Design Studio 2. The core of the undergraduate design sequence is the development of both design thinking and dexterity with tools. As an extension of 702-239 (ABPL20027) Architecture Design Studio 1: Earth, the focus of this second design subject will be the generation and articulation of design possibilities through a series of studio projects. Linking these investigations will be the theme of water, which may be explored conceptually, metaphorically, structurally, or technologically – e.g. waterproofing, rain screens, hygiene, perspiration, sports centres, hydraulics, humidity, marine or riverine environments, pools.

Learning Outcomes:	Having completed this subject it is expected that the student be able to: # Demonstrate an ability to interrogate a brief; # Demonstrate an ability to generate a variety of design possibilities for a given situation; # Develop skills in choosing and using appropriate representational media; # Demonstrate an understanding of relationships between architecture and water through the application of the first three points above; # Develop an ability to present and justify design proposals.
Assessment:	Sketches and analysis of selected master-architect designs equivalent to 1000 words, due week 4 (20%); Students' own designs presented in professional sketches equivalent to 1000 words, due week 9 (20%); Students' completed designs presented in standard professional drawings equivalent to 2000 words, due week 12 (60%). Hurdle requirement: Minimum attendance at 10/12 tutorials is a hurdle requirement for this subject. Discretion regarding meeting the attendance hurdle may be applied by the subject coordinator for students who have experienced circumstances of disadvantage affecting their ability to attend, provided the subject coordinator is advised in writing as soon as these circumstances arise.
Prescribed Texts:	Subject Reader
Recommended Texts:	# Ching, Francis D K. *Architecture: Form, Space & Order*, Van Nostrand Reinhold, New York, 1979 (most recent edition); # Bielefeld, Burt & Sebastian El Khouli. *Basics Design Ideas*, Basel: Birkhauser, 2007; # Jormakka, Kari. *Basics Design Methods*, Basel: Birkhauser, 2007.
Breadth Options:	This subject potentially can be taken as a breadth subject component for the following courses: # **Bachelor of Arts (https://handbook.unimelb.edu.au/view/2016/B-ARTS)** # **Bachelor of Biomedicine (https://handbook.unimelb.edu.au/view/2016/B-BMED)** # **Bachelor of Commerce (https://handbook.unimelb.edu.au/view/2016/B-COM)** # **Bachelor of Music (https://handbook.unimelb.edu.au/view/2016/B-MUS)** # **Bachelor of Science (https://handbook.unimelb.edu.au/view/2016/B-SCI)** # **Bachelor of Engineering (https://handbook.unimelb.edu.au/view/2016/B-ENG)** You should visit **learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html)** and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	# Graphic communication skills (including orthographic – plans, sections, elevations, axonometric and other like projections); # Generation of design ideas; # Appropriate use of design terminology; # Time management and meeting deadlines; # Both verbal and two-dimensional graphic presentation skills; # Relation of representations to designs.
Related Majors/Minors/ Specialisations:	Architecture major Environments Discipline subjects Landscape Architecture major Restrictions for Breadth Options within the Bachelor of Environments - relating to specific majors Urban Design and Planning major
Related Breadth Track(s):	Urban Design and Planning Architecture