

## ABPL90380 Designing for Heat in the Public Domain

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| <b>Credit Points:</b>                    | 12.5   |
| <b>Level:</b>                            | 9 (Graduate/Postgraduate)  |
| <b>Dates &amp; Locations:</b>            | 2015, Parkville<br>This subject commences in the following study period/s:<br>November, Parkville - Taught on campus.  |
| <b>Time Commitment:</b>                  | Contact Hours: 48 hours Total Time Commitment: 170 hours   |
| <b>Prerequisites:</b>                    | Admission into one of the following courses:<br>MC-ARCH2Y Master of Architecture (200 points)<br>MC-LARCH2Y Master of Landscape Architecture (200 points)<br>MC-URBDES Master of Urban Design<br>MC-URPL Master of Urban Planning<br><b>OR</b><br>Having completed the first 100 points of the following 300-point courses:<br>MC-ARCH Master of Architecture<br>MC-ARCH3Y Master of Architecture (300 points)<br>MC-LARCH Master of Landscape Architecture<br>MC-LARCH3Y Master of Landscape Architecture (300 points)  |
| <b>Corequisites:</b>                     | None   |
| <b>Recommended Background Knowledge:</b> | None   |
| <b>Non Allowed Subjects:</b>             | None   |
| <b>Core Participation Requirements:</b>  | <p>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.</p> <p>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: <a href="http://services.unimelb.edu.au/disability">http://services.unimelb.edu.au/disability</a></p>   |
| <b>Coordinator:</b>                      | Dr Jillian Walliss   |
| <b>Contact:</b>                          | Email: <a href="mailto:jwalliss@unimelb.edu.au">jwalliss@unimelb.edu.au</a> ( <a href="mailto:jwalliss@unimelb.edu.au">mailto:jwalliss@unimelb.edu.au</a> )  |
| <b>Subject Overview:</b>                 | <p>With 2014 now considered the hottest year on record, the implication of climate change on the liveability of cities is becoming increasingly apparent. This seminar explores the issue of heat and thermal comfort in the design of the public domain.</p> <p>This intensive is open to design students (architecture, landscape architecture and urban design) and planners. We will explore the potentials of contemporary digital tools (simulation, Rhino and grasshopper) and data (including sensors and real-time) combined with current theoretical writings crossing climate change science, cultural studies and digital design to develop innovative design and planning responses.</p> <p>Students will research and explore a range of techniques including data capture, the use of simulation software and engage critical analysis of design precedents to produce a design proposition for a site in Melbourne which responds directly to the issues of a warming climate.</p> |

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| <b>Learning Outcomes:</b> | On completion of this subject, students should be able to: <ul style="list-style-type: none"><li># demonstrate the ability to conceive and conduct an independent research project;</li><li># analyse the potentials of data and digital tools in design practice;</li><li># develop and express their own critical position on climate change and its implications on the public domain.</li></ul> |
| <b>Assessment:</b>        | Research Strategy (individual) Written Report (1500 words), due at the end of week one (30%); Exploratory design application (text and image equivalent to 3500 words), due one week after end of teaching (70%).   |
| <b>Prescribed Texts:</b>  | None  |
| <b>Breadth Options:</b>   | This subject is not available as a breadth subject.   |
| <b>Fees Information:</b>  | Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>   |