

Managing Urban Heat

School of Built Environment

Arts, Design & Architecture
Short Course

High Performance
Architecture



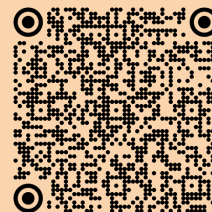
Discover the future of sustainable, resilient urban design

As global temperatures rise, cities face severe overheating, increasing energy costs, pollution and health impacts.

The course will provide up-to-date knowledge on both experimental and theoretical methods for assessing urban overheating. It will also present and critically analyse, in depth, existing heat-mitigation techniques, including reflective and photonic materials, advanced urban greenery strategies, and evaporative and ground-based cooling approaches, aimed at counteracting urban overheating. In addition, successful real-world case studies of heat-mitigation interventions will be presented and discussed.

The course features contributions from leading experts, including Scientia Professor Matthaïos Santamouris (UNSW) and Professor Edward Ng (CUHK), alongside researchers in High-Performance Architecture at UNSW School of Built Environment, offering direct access to current research and professional expertise in the field. By the end, participants will be better prepared to implement informed, context-responsive solutions to urban heat challenges.

> [Learn more here!](#)




Dr Matthaïos Santamouris
Scientia Professor
Architecture



Dr Lan Ding
Associate Professor
Architecture

 **Next Dates**
25 May 2026

 **Duration**
35 hours

 **Delivery mode**
Online

 **Price (AUD inc. GST)**
\$300 - \$800