Overview

This course introduces students to the design strategies and scientific understanding needed to minimise buildings’ impact on natural resources and the environment. It includes life-cycle thinking in architectural design, a history of environmental design concepts in architecture, understanding and responding to climate, design innovation, solar architecture, building fabric performance and wind, ventilation and cooling. In completing the course, students will master the basic techniques to reduce building-related carbon emissions and enhance human comfort through climate-sensitive design. In addition, they will gain the ability to analyse climatic and geomorphological context to optimise building design for sun, temperature, wind, human metabolism and perception.
Faculty
Faculty of Built Environment

School
School of Built Environment

Study Level
Undergraduate

Offering Terms
Term 2

Campus
Kensington

Delivery Mode
Fully on-site

Indicative contact hours
4

Timetable
Visit timetable website for details
Equivalent Courses

BENV1171 9 UOC
Architectural Technologies 1

ARCH1171 9 UOC
Architectural Technologies 1
Fees

Commonwealth Supported Students $1191
Domestic Students $5130
International Students $5160

DISCLAIMER
Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the fee website.

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179