Advanced Construction and Structures

ARCH7161 | 6 Units of Credit

Overview

This course builds on student's prior knowledge of construction and structures by exploring the architectural implications of construction with a focus on structural systems idealisation and its use in conceptual design. It enables students to use structural theory for the conceptual design of high-rise and large-span buildings. The characteristics of high performance buildings, including light-weight construction, material efficiency, prefabrication and efficient assembly are emphasised. The course advances students’ understanding of the concept of structure as form and architectonics through the exploration of history and theory of structures and contemporary practice. Students will learn to use structural analysis software to quantify the structural implications of the design of new high-rise structures.
Faculty
Faculty of Built Environment

School
School of Built Environment

Study Level
Postgraduate

Offering Terms
Term 3

Campus
Kensington

Indicative contact hours
5

Timetable
Visit timetable website for details
Conditions for Enrolment

Currently enrolled in program 8143 Master of Architecture
Exclusion Courses

ARCH1371 | 4 UOC
Architectural Technologies 5
### Fees

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<thead>
<tr>
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<th>Fee</th>
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<tbody>
<tr>
<td>Commonwealth Supported Students</td>
<td>$1191</td>
</tr>
<tr>
<td>Domestic Students</td>
<td>$3900</td>
</tr>
<tr>
<td>International Students</td>
<td>$5250</td>
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**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