Advanced and Parallel Algorithms

COMP4121  |  6 Units of Credit

Overview

Topics chosen from: Spatial, semi-structured and multi-dimensional data storage and manipulation techniques, non Von-Neumann techniques, advanced and parallel algorithmic techniques, algorithm engineering and problem solving practices; algorithms for matrices and systems of linear equations, approximation algorithms, FFT and convolution and their software and circuit implementations, iteration methods for the solution of operator equations.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>Faculty of Engineering</th>
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<tbody>
<tr>
<td><strong>School</strong></td>
<td>School of Computer Science and Engineering</td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Postgraduate</td>
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<tr>
<td><strong>Offering Terms</strong></td>
<td>Term 3</td>
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<tr>
<td><strong>Campus</strong></td>
<td>Kensington</td>
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<tr>
<td><strong>Delivery Mode</strong></td>
<td>Fully on-site</td>
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<tr>
<td><strong>Indicative contact hours</strong></td>
<td>4</td>
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<tr>
<td><strong>Timetable</strong></td>
<td>Visit timetable website for details</td>
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</tbody>
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Conditions for Enrolment

Prerequisite: COMP9101 or COMP9801.
Course Outline

To access course outline, please visit:

COMP4121 Course Outline
Fees

Commonwealth Supported Students $1191
Domestic Students $4470
International Students $5910

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)

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