Course

Foundations of Computer Science

COMP9020

6 Units of Credit

Scope: * Mathematical methods for designing correct and efficient programs.* Mathematics for algorithm analysis.* Logic for proving and verification. Topics: * Introduction to set and relation theory* Propositional logic and boolean algebras* Induction, recursion and recurrence relations* Order of growth of functions.* Structured counting (combinatorics)* Discrete probability* Graph theory* Trees for algorithmic applications
<table>
<thead>
<tr>
<th>Faculty</th>
<th>Faculty of Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>School</td>
<td>School of Computer Science and Engineering</td>
</tr>
<tr>
<td>Study Level</td>
<td>Postgraduate</td>
</tr>
<tr>
<td>Offering Terms</td>
<td>Term 1, Term 3</td>
</tr>
<tr>
<td>Campus</td>
<td>Kensington</td>
</tr>
<tr>
<td>Delivery Mode</td>
<td>Fully on-site</td>
</tr>
<tr>
<td>Indicative contact hours</td>
<td>4</td>
</tr>
<tr>
<td>Timetable</td>
<td>Visit timetable website for details</td>
</tr>
</tbody>
</table>
Course Outline

To access course outline, please visit:

COMP9020 Course Outline
Fees

Commonwealth Supported Students $1170
Domestic Students $4350
International Students $5730

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. Fees for courses delivered through UNSW Global are published and charged by UNSW Global and thus appear as "Not Applicable" on this site.

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
© UNSW Sydney (CRICOS Provider No.: 00098G), 2019. The information contained in this Handbook is indicative only. While every effort is made to keep this information up-to-date, the University reserves the right to discontinue or vary arrangements, programs and courses at any time without notice and at its discretion. While the University will try to avoid or minimise any inconvenience, changes may also be made to programs, courses and staff after enrolment. The University may also set limits on the number of students in a course.

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