Overview

Engineering software systems for managing and analysing large datasets derived from genomics experiments is a key application of bioinformatics. This course revolves around a guided team project for the design and implementation of a complex system bringing together a variety of tools and methods for analysing genomic data. Methodologies for requirement gathering, system design, project management and documentation will be applied. The project work will be complemented by lectures on algorithms for biological sequence analysis that form the basis of the project work.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>Faculty of Engineering</th>
</tr>
</thead>
<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>
</tr>
<tr>
<td><strong>Offering Terms</strong></td>
<td>Term 2</td>
</tr>
<tr>
<td><strong>Campus</strong></td>
<td>Kensington</td>
</tr>
<tr>
<td><strong>Indicative contact hours</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Timetable</strong></td>
<td>Visit timetable website for details</td>
</tr>
</tbody>
</table>
Conditions for Enrolment

Prerequisite: BINF9010 and COMP9021
Equivalent Courses

DESN2000 6 UOC
Engineering Design and Professional Practice

MMAN2100 6 UOC
Engineering Design 2

CVEN3031 6 UOC
Civil and Environmental Engineering Practice

SOLA2052 6 UOC
Project in Photovoltaics and Renewable Energy 2

COMP2111 6 UOC
System Modelling and Design

ELEC2142 6 UOC
Embedded Systems Design
Course Outline

To access course outline, please visit:

BINF6111 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. 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