

# Interactive Learning Centre

Faculty of Biological & Chemical Sciences



## Role

The Interactive Learning Centre is the prime computing facility for the faculty servicing the undergraduate and graduate requirements for a number of science programs at the University of Queensland.

Opened in March 1999 the iLC was developed to facilitate a coordinated approach to first level computer assisted learning but has since expanded to cater for all undergraduate years and approximately 4500 students every week.

### Super Cluster

As part of a research project, the iLC is currently being developed as a high performance "cluster" and mass storage facility using Apple XGRID technology.

The aim is for spare computing capacity to be made available to the research community for computationally intensive tasks and networked mass storage.

## Facilities

The iLC comprises 5 laboratories located on the St Lucia campus.

### iLC 1

32 iMac computers  
64 seats

### iLC 2

16 iMac computers  
32 seats

### iLC 3

38 iMac computers  
76 seats

### iLC 4

32 iMac computers  
64 seats

### iLC 5

20 iMac computers  
40 seats

All rooms have central projection facilities with standard audiovisual controls and computers are replaced on a three year cycle to ensure an advanced technological infrastructure.

The iLC also manages an additional 150 computers located in school practical laboratories and supports a number of major eLearning software applications.

## Software

The computers run two operating systems: Apple OSX and Windows XP catering for the largest possible class requirements. In addition to standard Office applications, over 200 discipline related software packages are provided including:

### Apple OSX

- Microsoft Office
- VMware Fusion
- Prism
- Endnote
- Leximancer
- ChemDraw
- NIH Image
- Mathematica
- Python
- OStat and R
- CAL modules\*

### Microsoft Windows XP

- Climex & Water Mod
- CO<sub>2</sub> Fix
- Populus
- MEGA4
- Vector NTI
- CAL modules\*

\*Computer Assisted Learning

## Booking

The iLC is open for booking prior to the start of each academic semester and continuously throughout the semester.

Every attempt is made to cater for the specific requirements for a class which can be discussed with the centre manager at the time of the booking.

Opening hours are generally from 7am to 5pm during the academic year and from 8am to 5pm at all other times.

From 2009 the refurbished iLC2 will be open 24 hrs a day 7 days a week.

Other arrangements can be made with the centre manager.

Rooms within the centre are also available for booking for groups outside the faculty or the university.

For bookings outside the university a fee is charged. The details are published on the centre website.

## Contact

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**Email:** [ilc@uq.edu.au](mailto:ilc@uq.edu.au)  
**Web:** [ilc.uq.edu.au](http://ilc.uq.edu.au)  
**Manager:** Andrew Noskoff

## Opening Hours

**Semester** 7am - 5pm  
**Breaks** 8am - 5pm  
  
Other by arrangement

## Location

iLC1 - iLC2 - iLC3 - iLC4  
Level 2 & 3 - Building 69  
iLC5 Level 2 - Building 76  
St Lucia campus  
**UQ maps:** <http://www.uq.edu.au/maps/?menu=1>

