



Want to study Chemistry

at UTAS?

Don't have the prerequisites?

Then why not enrol in the

Chemistry

Foundation Unit

over the Summer?

School of Chemistry

Faculty of Science, Engineering and Technology
Enabling Program

KRA001: Chemistry Foundation Unit

January 2010 - February 2010

As part of the enabling program the School of Chemistry will teach a foundation unit covering the essential chemistry required for entry into first year studies in chemistry at the University of Tasmania.

Note: Students entering first year chemistry courses (KRA113, KRA114, KRA101, KRA102 & KRA170) at the University of Tasmania must also have the mathematics prerequisite MAP5C or MME5C or equivalent or Mathematics Foundation Unit KMA003.

How is the course delivered?

The course will be delivered via the Web using MyLO, an on-line course delivery system, so will be accessible to anyone with access to a computer and a Web browser - Netscape or Internet Explorer. The study program will consist of self-study modules, linked to a textbook, which will focus on the fundamentals of chemistry. Continuous on-line testing and feedback via self-test questions and weekly assignments will enable you to monitor your progress.

A compulsory two day (12 hours) laboratory program will be held on the Hobart and Launceston campuses on the 15 and 16 February to familiarise students with fundamental laboratory operations.

Depending upon your chemistry background you will need to allow 80 - 100 hrs of study time for this unit.

Students will need to purchase the prescribed text on CD (~ \$30) or as a book (~\$70) from The Co-op Bookshop on campus or on-line at:

<http://www.coop-bookshop.com.au> (or your local book shop)

Seager, S L & Slabaugh, M R, *Introductory Chemistry for Today*, 6th Ed. Publisher: Thomson; Brooks/Cole ISBN-13: 9780495112792 for Text or ISBN-13:9780170185394 for CD

Chemistry Unit Contents

The overall aim of the course is

“To provide a strong working knowledge and competency in general Chemistry to a level appropriate for further studies in Chemistry at the University of Tasmania”

It is not intended to be a replacement course for TCE Chemistry and the emphasis will be on students acquiring basic chemical literacy and understanding.

The course will cover Ch 1-9 11, 12 in the text

- ✓ The Nature of Matter
- ✓ Atomic Theory and Bonding
- ✓ Chemical Composition and Chemical Quantities
- ✓ States of Matter
- ✓ Chemical Reactions
- ✓ Solutions
- ✓ Equilibrium, Acids, Bases
- ✓ Organic Chemistry

ENROLMENT

Enrolments will close on Wednesday 16th December 2009

For an enrolment form or further information, go to the Chemistry website:

Web: <http://www.utas.edu.au/chem> (click on "Chemistry Foundation Unit")

If you have an existing on-line enrolment for UTAS, simply log in and add KRA001 to the on-line enrolment form.

Starting Date

The *online* course will be available from 4 January 2010 to 20 February 2010

Pre-course meetings

will be held to familiarise you with the course aims and objectives (*attendance is encouraged, but not compulsory*).

School of Chemistry, Chemistry Building, HOBART

Monday 4 January 2010, 5.00pm.

School of Chemistry, Science Building, LAUNCESTON

Monday, 11 January 2010, 5.00pm.

Assessment

The assessment of the course will include attendance at the laboratories on 15 and 16 February, an online exam on 20 February, and marks obtained in weekly assignments.