MONASH University
Science

APPLICATION FOR HONOURS IN CHEMISTRY (SECTION A)

Please complete and return this sheet together with the Faculty of Science Honours Application Form to A/Prof Ian McKelvie (Room G24B, Building 19, School of Chemistry, Monash University, Clayton, Vic. 3800) **no later than 20th November, 2009. (27th November for external applicants).**

Details of research projects in the School of Chemistry are available in the booklet *CHM4000 – Chemistry Honours Projects for 2010* and is also available on our website:

http://www.chem.monash.edu.au

Please discuss all projects of interest with the Honours coordinator (Associate Professor Ian McKelvie) before lodging a formal application. You should nominate at least three different supervisors for consideration by the Coordinator. Please consult with the Honours Coordinator if you require advice on potential supervisors. Please note that a number of criteria will be used in the final assignment of the supervisor; depending on circumstances, it may not be possible to grant you your first or even second preference.

PREFERRED SUPERVISORS ***(Both supervisors' names must be listed for any joint projects)***	PREFERRED PROJECTS IN ORDER OF PRIORITY
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____

Please provide PERSONAL DETAILS below so that we may contact you when supervisors have been assigned.

NAME: .....

Address: .....

.....

Tel: ..... Email: .....

For Clayton-based applicants - please obtain the signature of at least FOUR ACADEMIC STAFF you have talked to about honours projects.

Supervisor 1 ..... Supervisor 5 .....

Supervisor 2 ..... Supervisor 6 .....

Supervisor 3 ..... Supervisor 7 .....

Supervisor 4 ..... Supervisor 8 .....

HONOURS IN CHEMISTRY (CHM 4100 & CHM 4201)

48 CREDIT POINTS, FULL YEAR*

Coordinators:
2010 A/Prof Ian McKelvie (Room G24B)
(Tel: (+61 3) 9905 4558
Email: Ian.McKelvie@sci.monash.edu.au

*It is possible to commence an honours program in Semester 2 of one year and complete it in Semester 1 of the following year.

Lecture courses for 2010 are currently being finalised. Probable courses are given below from which **five** are chosen (including Instrumental methods A&B).

Professional Skills – Intellectual Property, Project Management and Industry Skills (week 1).

8 lecture courses:

- Pericyclic Reactions – Prof Robert Norris
- Separation Science – Dr Ron Beckett
- Metallosupramolecular Chemistry – Dr Stuart Batten
- Instrumental Methods A&B – Various
- NMR Problems – Dr Kellie Tuck
- Main Group Chemistry – Prof Cameron Jones
- Advanced Organic Synthesis – Drs Robinson and Perlmutter

Admission requirements: A minimum of 18 points of third-year Chemistry at an average of distinction grade plus 6 points of other relevant subject(s).

Seminars and colloquia: All students present two seminars during the year and are expected to attend School research seminars (Monday and Friday, 1.00 pm).

Assessment: Lecture units are assessed by examination, or assignment and the grades obtained from these lecture units will be combined to produce a mark for the 12 point subject, CHM 4201. The research project is assessed on the basis of a thesis and by an oral examination. The grade obtained from the project assessment, thesis examination and oral examination will be combined to produce a mark for the 36 point subject, CHM4100.