

2021 CHEMISTRY HONOURS APPLICATION FORM

Please complete and return this sheet together with the Faculty of Science Honours Application Form to Associate Professor Mike Grace, School of Chemistry, Monash University, Clayton, Vic. 3800 Closing date: Friday 13th November 2020. Please note that late applications may be accepted in consultation with the Chemistry Honours Coordinator.

Details of research projects in the School of Chemistry are available in the booklet *Chemistry Honours Projects for 2021* which will be available on our website.

Please discuss all projects of interest with the Honours coordinator (Assoc Prof. Mike Grace) before lodging a formal application. You should discuss prospective projects with at least four supervisors before nominating at least three different supervisors and projects, in order of preference, 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 <i>(Both supervisors' names must be listed for any joint projects)</i>	PREFERRED PROJECTS IN ORDER OF PREFERENCE
1.	
2.	
3.	

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

NAME:

Address:

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Tel: Mobile:

Email:

The information on this form is collected for the primary purpose of enabling the School to notify you outside of semester of your Honours project allocation and supervision arrangements. You have a right to access personal information that Monash University holds about you, subject to any expectations in legislation. If you wish to seek access to your personal information to inquire about the handling of your personal information, please contact the University Privacy Officer on 9902 9589

Please obtain the signatures of at least FOUR academic staff you have talked to about honours projects.

Supervisor 1 Supervisor 2

Supervisor 3 Supervisor 4

HONOURS IN CHEMISTRY (CHM 4100 & CHM 4201)

48 CREDIT POINTS, FULL YEAR*

Coordinator:

Assoc. Prof. Michael Grace

Tel: (+61 3) 9905 4078

Email: Michael.Grace@monash.edu

*It is possible to commence an honours program in Semester 2 of one year and complete it in Semester 1 of the following year. Please discuss this with the coordinator ASAP.

Lecture courses are currently being finalised. Probable courses are listed below.

Compulsory units

- Professional Skills – Intellectual Property, Project Management and Industry Skills (week 1).
- Instrumental Methods A&B – Various

Elective units (choose 4): *These modules are provisional now and will be confirmed early 2017*

- Metallosupramolecular Chemistry – Prof Stuart Batten and Dr David Turner
- Self Assembly and Synchrotron Science – Prof Don McNaughton & Dr Rico Tabor
- Advanced optical spectroscopy and microscopy at the nanoscale – Dr Toby Bell & Dr Alison Funston
- Rare Earth Chemistry – Prof Glen Deacon
- Main Group Chemistry – Prof Cameron Jones
- Advanced Organic Synthesis – Assoc Prof David Lupton
- Nobel Prize Chemistry – Prof Andrea Robinson, Dr Kellie Tuck & Prof Philip Chan
- Polymer Chemistry – Dr Kei Saito & Prof San Thang
- Green Chemistry – Prof Tony Patti & Dr Kei Saito
- Isotope Chemistry – Assoc Prof Mike Grace, Prof Perran Cook, Dr Brett Patterson

Admission requirements: A minimum of 18 points of third-year Chemistry plus 6 points further points of chemistry or other relevant units at an average of distinction grade for these 24 points.

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.

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