

Chemistry Modules Offered in 2022-2023

Updated: 3-Jan-2023

Please contact instructor for module location and times

List of Graduate Courses is in School of Graduate Studies Academic Calendar			
FALL		WINTER	
Fall 1 Sep - Oct	Fall 2 Oct - Dec	Winter 1 Jan - Feb (Reading Week Feb)	Winter 2 Mar - Apr
CHEM 801* Safety in the Laboratory Philip Jessop We 6:00 - 9:00 PM	CHEM 820 Magnetic Resonance Gang Wu	CHEM 805 NMR Methods for Structural Identification Francoise Sauriol	CHEM 806 Multidimensional NMR Techniques Francoise Sauriol PREREQUISITE: CHEM805
CHEM 803* Principles of Scientific Communication (Note: 2 module credit) Amanda Bongers Fr 1:30 - 3:00 PM		CHEM 819 Current Topics in Physical and Theoretical Chemistry Paul Duchesne	CHEM 869** (423) Topics in Inorganic/Organometallic Chemistry Lucia Lee Mo 1:30 - 2:30 PM We 12:30 - 1:30 PM Fr 11:30 - 12:30 PM
CHEM 857 Engineering Properties of Polymers Simon Hesp	CHEM 834** (413) Molecular Orbitals and Structures Farnaz Heidar-Zadeh Mo 9:30 - 10:30 AM We 8:30 - 9:30 AM Th 10:30 - 11:30 AM	CHEM 883 Bioorganic Chemistry Graeme Howe	CHEM 919 Solid State Chemistry Peng Wang
CHEM 866 Supramolecular Chemistry Anne Petitjean	CHEM 840** (411) Modern Mass Spectrometry Diane Beauchemin Tu: 9:30 - 10:30 AM Th 8:30 - 9:30 AM Fr 10:30 - 11:30 AM	CHEM 905 CO2: A Scientific & Social Perspective (Note: 2 module credit) Philip Jessop (Coordinator) Enrolment Deadline: January 20th	
CHEM 939 Quantum Mechanics in the Continuum Tucker Carrington	CHEM 850 Polymer Physical Chemistry Guojun Liu	CHEM 918 Scanning Probe Methods Zhe She	CHEM 954 Polymer Supramolecular Organization Guojun Liu
	CHEM 863** (414) Transition Metal Catalysis for Organic Synthesis P. Andrew Evans Mo 1:30 - 2:30 PM We 12:30 - 1:30 PM Fr 11:30 - 12:30 PM	CHEM 894*** Business Skills in the Chemical Industry Will Rogers (Instructor) Richard Oleschuk (Coordinator)	CHEM 960 Luminescent Materials Chemistry Kevin Stampelcoskie
CHEM 904*** Science Leadership and Management (Note: 2 module credit) Edward Thomas (Instructor); Nick Mosey (Coordinator) Enrolment Deadline: September 19th		PHYS 860*** Applied Science Topics in Micro/Nano-technology (Note: 2 module credit) Graham Gibson Limited space available, requires permission of instructor	

CHEM 802*

Chemistry Seminar Program
Graeme Howe (Coordinator)

<http://www.chem.queensu.ca/departamental-seminar-series>

Seminar Series

To achieve a PASS mark in the Seminar Series, students must maintain an attendance record of 75% at regular departmental seminars, including named and distinguished lecture series. Seminar attendance is monitored using sign-in attendance sheets. Students with legitimate excuses and/or teaching conflicts will not be penalized for missing seminars. Furthermore, students will be credited for seminars attended in other departments which may be relevant to their research (typically in physics, biochemistry, environmental studies, etc.). To obtain a seminar credit, a student must provide a note signed by the seminar coordinator of the other department. Students who do not attend the required 75% of the departmental seminars will obtain an "incomplete grade". In the subsequent terms, the students who have attended less than 75% of the seminars will have to attend more seminars in the following terms so that a minimum attendance is accomplished for any past terms where an incomplete grade was assigned in addition to 75% attendance for the current term.

All modules run on a 6 week schedule unless otherwise noted

*Automatically enrolled courses - do not add to academic change form

** Student allowed to take only two of these 800 level courses throughout their graduate program. These modules will be offered concurrent with fourth year courses

*** See <http://www.chem.queensu.ca/graduate/current-students/degree-program-requirements-timeline> regarding taking courses outside of the Department of Chemistry