

Chemistry Modules Offered in 2021-2022

Updated: 13-Aug-2021

Please contact instructor for module location and times

List of Graduate Courses in School of Graduate Studies Academic Calendar http://www.queensu.ca/sgs/node/1024			
FALL		WINTER	
Fall 1 Sep - Oct	Fall 2 Oct - Dec	Winter 1 Jan - Feb (Reading Week Feb)	Winter 2 Mar - Apr
	CHEM834** (413) Molecular Orbitals and Structures Farnaz Heidar-Zadeh M 1:30 - 2:30 PM W 12:30 - 1:30 PM F 11:30 - 12:30 PM		CHEM 880** (422) Modern Synthetic Methods Chantelle Capicciotti M 4:30 - 5:30 PM W 3:30 - 4:30 PM F 2:30 - 3:30 PM
	CHEM840** (411) Modern Mass Spectrometry Diane Beauchemin		
CHEM801* Safety in the Laboratory Philip Jessop W 6:00 - 9:00 PM Lectures: September 8, 15, 22 Exam: September 29	CHEM863** (414) Transition Metal Catalysis for Organic Synthesis - P. Andrew Evans M 8:30 - 9:30 AM Tu 10:30 - 11:30 AM Th 9:30 - 10:30 AM	CHEM805 NMR Methods for Structural Identification Francoise Sauriol	CHEM806 Multidimensional NMR Techniques Francoise Sauriol PREREQUISITE: CHEM805
CHEM 803* Principles of Scientific Communication (Note: 2 module credit) Amanda Bongers F 1:00 - 2:30 PM		CHEM918 Scanning Probe Methods Zhe She	CHEM819 Current Topics in Physical and Theoretical Chemistry Farnaz Heidar-Zadeh
CHEM 814 Carbohydrate Chemistry Chantelle Capicciotti	CHEM 820 Magnetic Resonance Gang Wu	CHEM919 Solid State Chemistry Peng Wang	CHEM915 Biosynthesis of Natural Products Avena Ross PREREQUISITE: CHEM883
CHEM 838 Numerical Methods in Chemistry Tucker Carrington	CHEM 866 Supramolecular Chemistry Anne Petitjean	CHEM960 Luminescent Materials Chemistry Kevin Stamplecoskie	
CHEM 854 Polymer Characterization in Solution Simon Hesp	CHEM912 Green Chemistry Philip Jessop	CHEM975 ICP - Mass Spectrometry Diane Beauchemin	CHEM987 Biomimetic Chemistry Anne Petitjean PREREQUISITE: CHEM886 EXCLUSION: CHEM887
CHEM 904*** Science Leadership and Management TBA (Instructor) Nick Mosey (Coordinator)			
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 require 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			