

Chemistry Modules Offered in 2024-2025

Dec 5, 2024

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 3 - Oct 13 (Fall Break Oct 15 - 18) | Fall 2 Oct 21 - Dec 3 | Winter 1 Jan 6 - Feb 16 (Reading Week Feb 18-21) | Winter 2 Feb 24 - Apr 4 |
| CHEM 801* Safety in the Laboratory Paul Duchesne | CHEM 840** (411) Modern Mass Spectrometry Richard Oleschuk | CHEM 805 NMR Methods for Structural Identification TBA | CHEM 806 Multidimensional NMR Techniques TBA PREREQUISITE: CHEM805 |
| CHEM 803* Principles of Scientific Communication (Note: 2 module credit) Hugh Horton and Philippe di Stefano Time 3pm- 4:30pm Friday | | CHEM 879 Chemical Separations Stephen Brown | CHEM 854 Polymer Characterization in Solution Simon Hesp |
| CHEM 867 Bioinorganic Chemistry Anne Petitjean | CHEM 863** (414) Transition Metal Catalysis for Organic Synthesis P. Andrew Evans | CHEM 838 Numerical Methods in Chemistry Tucker Carrington | CHEM 850 Polymer Physical Chemistry Guojun Liu |
| CHEM 810 Materials Characterisation Methods Kevin McEleney | CHEM 883 Bioorganic Chemistry Graeme Howe | CHEM 842 –CANCELLED Applications of Modern Mass Spectrometry | CHEM 869** (423) Topics in Inorganic/Organometallic Chemistry Lucia Lee |
| | CHEM 820 Magnetic Resonance Gang Wu | CHEM 880 Modern Synthetic Methods Amanda Bongers | CHEM 916 Strategies in Total Synthesis Amanda Bongers PREREQUISITE: CHEM 880 |
| CHEM 905 CO2: A Scientific & Social Perspective Philip Jessop (Coordinator) Full Term (2 module credit) | | | |
| CHEM 894*** Business Skills in the Chemical Industry Will Rogers (Instructor) Avena Ross (Coordinator) Time: October 8th, 9th, 22nd, 23rd (7-10pm); December 7th (9-11:30am) | | CHEM 830 –CANCELLED Topics in Computational Chemistry Farnaz-Heidar-Zadeh | CHEM 960 Luminescent Materials Chemistry Kevin Stampelcoskie |
| CHEM 904*** Science Leadership and Management (Note: 2 module credit) Hugh Horton Enrolment Deadline: TBA | | | |
| CHEM 802* Chemistry Seminar Program Amanda Bongers (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 | | | |