

2025-2026 Chemistry Course Modules

[Chemistry Department website course descriptions](#)

Fall 2025

Fall 1 Sept 2 – Oct 12	CHEM 801	Safety in the Laboratory	Paul Duchesne	Pass/Fail
	CHEM 805	NMR Methods for Structure Identification	Muzaddid Sarker	1.5 units
(Fall Break Oct 13 – 17)	CHEM 806	Multidimensional NMR techniques	Muzaddid Sarker	1.5 units
Fall 2 Oct 20 – Dec 2	CHEM 830	Topics in Computational Chemistry	Farnaz Heidar-Zadeh	1.5 units
	CHEM 842	Applications of Modern Mass Spectrometry	TBA	1.5 units
	CHEM 869/423*	Topics in Inorganic/Organometallic Chemistry	Lucia Lee	1.5 units
Full Fall Sept 2 – Dec 2	CHEM 803	Principles of Scientific Communication	Hugh Horton	3 units
	CHEM 816/416*	Biological Chemistry Techniques	Avena Ross, Chantelle Capicciotti	3 units
	CHEM 904	Science Leadership and Management	Hugh Horton	3 units
	CHEM 905	CO2: A Scientific & Social Perspective	Philip Jessop	3 units

Winter 2026

Winter 1 Jan 5 – Feb 15	CHEM 860	Symmetry and Structural Determination by X-ray Crystallography I	Peng Wang	1.5 units
	CHEM 918	Scanning Probe Methods	Zhe She	1.5 units
(Winter Break Feb 16 – 20)	CHEM 810	Materials Characterisation Methods	Jean-Michel Nunzi	1.5 units
Winter 2 Feb 23 – Apr 6	CHEM 861	Symmetry and Structural Determination by X-ray Crystallography II	Lucia Lee	1.5 units
	CHEM 863/414*	Transition Metal Catalysis for Organic Synthesis	P. Andrew Evans	1.5 units
	CHEM 883	Bioorganic Chemistry	David Zechel	1.5 units
	CHEM 960	Luminescent Materials Chemistry	Kevin Stamplecoskie	1.5 units

*A graduate student can only count 3 units of combined grad-undergrad courses towards their graduate credits

CHEM 802 (Fall/Winter/Summer 2025-2026)

[CHEM 802: Chemistry Seminar Program](#), Zhe She, Seminar Coordinator

Chemistry graduate students should check the Chemistry Grad Platform for information regarding attendance and receiving credit