

Fall 2025

Fall 2025			
1st year			
Course Number	Course Title	Instructor(s)	
CHEM-1100	<u>General Chemistry I</u>	Phil Dutton	
		Holger Eichhorn	
		Zhuo Wang	
2nd year			
CHEM-2200	<u>Analytical Chemistry</u>	Scott Harroun	
CHEM-2300/2305	<u>Introductory Organic Chemistry</u>	Jim Green	
CHEM-2400	<u>Introductory Physical Chemistry I</u>	Jichang Wang	
CHEM-2500	<u>Introductory Inorganic Chemistry I</u>	Jeremy Rawson	
3rd year			
BIOC-3100	<u>Metabolism I</u>	Siyaram Pandey	
BIOC-3140	<u>Protein and Enzyme Engineering</u>	Ken Ng (CL with BIOC-8008-1&2)	
BIOC-3581	<u>Biotechnology Lab</u>	Otis Vacratsis	
CHEM-3300/3305	<u>Spectroscopic Structure Identification</u>	Zhuo Wang	
CHEM-3500	<u>Organometallic Chemistry</u>	Sam Johnson	
CHEM-3710	<u>Materials Chemistry</u>	Tricia Carmicheal	
CHEM-3909	<u>Internship Work Term I</u>	Nick Vukotic	
4th year			
BIOC-4008	<u>Structural Proteomics and Its Applications</u>	Yufeng Tong (CL with BIOC-8020)	
CHEM-4410	<u>Statistical Thermodynamics</u>	Jichang Wang	
CHEM-4520	<u>Free Radicals</u>	Jeremy Rawson (CL with CHEM-8520)	
CHEM-4528	<u>Supramolecular Chemistry</u>	Nick Vukotic (CL with CHEM-8528)	
CHEM-4599	<u>Applications of Inorganic Spectroscopy</u>	Sam Johnson (CL with CHEM-8599)	
CHEM-4641	<u>Bio and Sustainable Materials</u>	John Trant (CL with CHEM-8641)	
CHEM-4680A	<u>Applied Analytical Lab (Wine Lab)</u>	John Trant	
CHEM-4900	<u>Research</u>	Yufeng Tong (CL with FRSC-4900)	
CHEM-4908	<u>Internship Work Term II</u>	Nick Vukotic	
Grad Courses			
BIOC-8008-1&2	<u>Special Topics in Biochemistry : Protein and Enzyme Engineering</u>	Ken Ng (CL with BIOC-3140)	R / MMB
BIOC-8008-3&4	<u>Special Topics in Biochemistry : Anti-Viral Therapeutics</u>	Ken Ng	R / MMB
BIOC-8020	<u>Structural Proteomics and Its Applications</u>	Yufeng Tong (CL with BIOC-4008)	R / MMB
CHEM-8520	<u>Free Radicals</u>	Jeremy Rawson (CL with CHEM-4520)	R
CHEM-8528	<u>Supramolecular Chemistry</u>	Nick Vukotic (CL with CHEM-4528)	R
CHEM-8599	<u>Applications of Inorganic Spectroscopy</u>	Sam Johnson (CL with CHEM-4599)	R
CHEM-8641	<u>Bio and Sustainable Materials</u>	John Trant (CL with CHEM-4641)	R / MMB
MMCE-8820B	<u>Introduction to Materials Chemistry</u>	Holger Eichhorn	MMCE
MMCE-8821	<u>Materials Engineering Lab</u>	(MAME Sessional)	MMCE
MMCE-8905	<u>Advanced Seminar in Materials Chem & Eng</u>	Zareen Amtul	MMCE
BIOC-8700	<u>Human Physiology & Mechanisms of Disease</u>	Tranum Kaur	MMB
BIOC-8740	<u>Protein Structure and Function</u>	Zareen Amtul	MMB
BIOC-8780	<u>Biotech Entrepreneurship</u>	Zareen Amtul	MMB
CHEM-8900	<u>Graduate Seminar</u>	Otis Vacratsis	R
CHEM-8970	<u>MSc Thesis</u>	Otis Vacratsis	R
CHEM-9900	<u>Research Proposal</u>	Nick Vukotic	R
CHEM-9980	<u>PhD Dissertation</u>	Otis Vacratsis	R