

Winter 2026

1st year			
Course Number	Course Title	Instructor(s)	
CHEM-1103	<u>Topics in General Chemistry</u>	Tricia Carmichael	
CHEM-1110	<u>General Chemistry II</u>	Phil Dutton	
		Sam Johnson	
		Jeremy Rawson	
2nd year			
BIOC-2010/2015	<u>Organic Chemistry of Biomolecules</u>	Ken Ng	
CHEM-2310	<u>Introductory Organic Chemistry II</u>	John Trant	
CHEM-2410	<u>Physical Chemistry II</u>	Jichang Wang	
CHEM-2510	<u>Introductory Inorganic Chemistry II</u>	Nick Vukotic	
3rd year			
BIOC-3030	<u>Natural Products</u>	Siyaram Pandey	
BIOC-3110	<u>Metabolism II</u>	Drew Marquardt	
BIOC-3130	<u>Protein and Nucleic Acid Chemistry</u>	Yufeng Tong	
BIOC-3310	<u>Pharmacology for Health Sciences</u>	Sirinart Ananvoranich	
CHEM-3210	<u>Principles of Instrumental Analysis</u>	Scott Harroun	
CHEM-3310/3315	<u>Intermediate Organic Chemistry</u>	Jim Green	
CHEM-3400	<u>Quantum Chemistry</u>	Jichang Wang	
CHEM-3909	<u>Internship Work Term I</u>	Nick Vukotic	
4th year			
BIOC-4008	<u>Special Topics in Biochemistry: Nanobiosensors</u>	Scott Harroun (CL with BIOC-8008)	
BIOC-4020	<u>Lipids, Lipoproteins, and Signalling</u>	Drew Marquardt (CL with CHEM-8650)	
BIOC-4030	<u>Enzymology and Biotechnology</u>	Otis Vacratsis	
BIOC-4050	<u>Drug Design</u>	Sirinart Ananvoranich	
CHEM-4308	<u>Spcl Topics in Organic Chem: Advanced Synthetic Methods</u>	Jim Green (CL with CHEM-8308)	
CHEM-4600	<u>Surface Chemistry and Analysis</u>	Tricia Carmichael (CL with CHEM-8600)	
CHEM-4680B	<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	<u>Special Topics in Biochemistry: Nanobiosensors</u>	Scott Harroun (CL with BIOC-4008)	R / MMB
BIOC-8030	<u>Integrative Biological Mass Spec</u>	Otis Vacratsis	R / MMB
BIOC-8684	<u>Cell Death Diseases and Natural Health Products</u>	Siyaram Pandey	R / MMB
CHEM-8308	<u>Spcl Topics in Organic Chem: Advanced Synthetic Methods</u>	Jim Green (CL with CHEM-4308)	R
CHEM-8600	<u>Surface Chemistry and Analysis</u>	Tricia Carmichael (CL with CHEM-4600)	R / MMCE
CHEM-8650	<u>Membrane Biochemistry</u>	Drew Marquardt (CL with BIOC-4020)	R / MMB
CHEM-8831A	<u>Research Project (MMCE)</u>	Zareen Amtul	MMCE
MMCE-8905	<u>Advanced Seminar in Materials Chem & Eng</u>	Zareen Amtul	MMCE
BIOC-8730	<u>Drugs: From Discovery to Market</u>	Tranum Kaur	MMB
BIOC-8760	<u>Clinical Biochemistry</u>	Tranum Kaur	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