

Fall 2024			
BIOC-8008-1 & -2	<u>Special Topics Bioc: Protein & Enzyme Engineering</u>	Ken Ng (<i>CL with BIOC-3140</i>)	R / MMB
BIOC-8008-3 & -4	<u>Special Topics Bioc: Antiviral Therapeutics</u>	Ken Ng	R / MMB
BIOC-8020	<u>Structural Proteomics and its Applications</u>	Yufeng Tong	R / MMB
CHEM-8330	<u>Synthetic Methods: Organic Chem / Heterocyclic Chemistry</u>	Jim Green (<i>CL with CHEM-4308</i>)	R
CHEM-8530	<u>X-ray Crystallography</u>	Nick Vukotic (<i>CL with CHEM-4660</i>)	R / MMCE
CHEM-8599	<u>Applications of Inorganic Spectroscopy</u>	Sam Johnson (<i>CL with CHEM-4599</i>)	R
CHEM-8832	<u>Magnetochemistry</u>	Jeremy Rawson (<i>CL with CHEM-4832</i>)	R / MMCE
MMCE-8820B	<u>Introduction to Materials Engineering & Chemistry</u>	TBA	MMCE
MMCE-8821B	<u>Materials Engineering/Chemistry Laboratory</u>	MAME: Dr. Reza Riahi	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>Biotechnology Entrepreneurship</u>	Zareen Amtul	MMB
CHEM-8900	<u>Seminar</u>	Simon Rondeau-Gagne	R (MSc & PhD)
CHEM-8970	<u>Master's Thesis</u>	Simon Rondeau-Gagne	R (MSc)
CHEM-9900	<u>Research Proposal</u>	Simon Rondeau-Gagne	R (PhD)
CHEM-9980	<u>PhD Dissertation</u>	Simon Rondeau-Gagne	R (PhD)

R = Research students

MMCE = Master of Materials Chemistry & Engineering students

MMB = Master of Medical Biotechnology students

CL = cross-listed

Mandatory courses

MMB Elective courses

MMCE Elective courses

Elective courses

Winter 2025			
BIOC-8580	<u>The Human Subject: Non-Animal Methods Biomed Research</u>	TBA (CL with BIOC-4580)	R / MMB
BIOC-8684	<u>Cell Death and Diseases</u>	Siyaram Pandey	R / MMB
CHEM-8XXX	<i>(Physical Chemistry course)</i>	TBA	R/MMB/MMCE
CHEM-8208	<u>Spcl Topics Analytical Chem: Data Science & Machine Learning</u>	Scott Mundle (CL with CHEM-4660)	R
CHEM-8308	<u>Special Topics in Organic Chem: Polymer Chemistry</u>	Zhuo Wang (CL with CHEM-4610)	R
CHEM-8410	<u>Statistical Thermodynamics</u>	Jichang Wang (CL with CHEM-3410)	R
CHEM-8630	<u>Self-Organization by Molecular Design</u>	S. Holger Eichhorn (CL with CHEM-4630)	R / MMCE
CHEM-8831A	<u>Research Project (MMCE)</u>	Zareen Amtul	MMCE
MMCE-8905	<u>Advanced Seminar in MMCE</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>Seminar</u>	Simon Rondeau-Gagne	R (MSc & PhD)
CHEM-8970	<u>Master's Thesis</u>	Simon Rondeau-Gagne	R (MSc)
CHEM-9900	<u>Research Proposal</u>	Simon Rondeau-Gagne	R (PhD)
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