

# Chemistry & Biochemistry Courses - FALL 2022

## Grad Courses

BIOC-8008	<u>Special Topics in Biochemistry : Biomedical Protein Engineering</u>	Ken Ng ( <i>CL with BIOC-3140</i> )	R / MMB
BIOC-8030	<u>Integrative Biological Mass Spectrometry</u>	Otis Vacratsis	R / MMB
BIOC 8580	<u>The Human Subject: Animal-Free Methods Biomedical Research</u>	Charu Chandrasekera ( <i>CL with CHEM-4580</i> )	R / MMB
CHEM-8308	<u>Special Topics in Organic Chemistry: Polymer Chemistry</u>	Zhuo Wang ( <i>CL with CHEM-4610</i> )	R
CHEM-8330	<u>Synthetic Methods in Organic Chemistry</u>	Jim Green ( <i>CL with CHEM-4308</i> )	R
CHEM-8520	<u>Free Radicals in Chemistry and Biochemistry</u>	Jeremy Rawson ( <i>CL with CHEM-4520</i> )	R / MMB
CHEM-8528	<u>Supramolecular Chemistry</u>	Nick Vukotic ( <i>CL with CHEM-4528</i> )	R / MMCE
MMCE-8820B	<u>Introduction to Materials Chemistry</u>	S. Holger Eichhorn	MMCE
MMCE-8821B	<u>Materials Laboratory Chemistry</u>	Reza Riahi ( <i>MAME</i> )	MMCE
MMCE-8905	<u>Advanced Seminar in Materials Chem &amp; Eng</u>	Zareen Amtul	MMCE
BIOC-8700	<u>Human Physiology &amp; Mechanisms of Disease (MMB)</u>	Tranum Kaur	MMB
BIOC-8740	<u>Protein Structure and Function (MMB)</u>	Zareen Amtul	MMB
BIOC-8780	<u>Biotechnology Entrepreneurship (MMB)</u>	Zareen Amtul	MMB
CHEM-8900	<u>Graduate Seminar</u>	Simon Rondeau-Gagne	R
CHEM-8970	<u>Master's Thesis</u>	Simon Rondeau-Gagne	R
CHEM-9900	<u>Research Proposal</u>	Simon Rondeau-Gagne	R
CHEM-9980	<u>Doctoral Dissertation</u>	Simon Rondeau-Gagne	R

**R** = Research students

**MMCE** = Master of Materials Chemistry & Engineering students

**MMB** = Master of Medical Biotechnology students

*CL* = cross-listed

**Mandatory courses**

**MMB elective courses**

# Chemistry & Biochemistry Courses - WINTER 2023

## Grad Courses

BIOC-8020	<u>Structural Proteomics and Its Applications</u>	Yufeng Tong	R / MMB
BIOC-8684	<u>Cell Death, Diseases and Natural Health Products</u>	Siyaram Pandey	R / MMB
CHEM-8350	<u>Advanced Organic Chemistry</u>	Scott Mundle (CL with CHEM-4350)	R
CHEM-8641	<u>Bio and Sustainable Materials</u>	John Trant (CL with CHEM-4641)	R / MMB / MMCE
CHEM-8600	<u>Surface Chemistry and Analysis</u>	Tricia Carmichael (CL with CHEM-4600)	R / MMCE
CHEM-8630	<u>Self-Organization by Molecular Design</u>	Holger Eichhorn (CL with CHEM-4630)	R / MMCE
CHEM-8650	<u>Membrane Biochemistry</u>	Drew Marquardt	R / MMB
CHEM-8831	<u>Research Project (MMCE)</u>	TBA	MMCE
MMCE-8905	<u>Advanced Seminar in Materials Chem &amp; Eng (MMCE)</u>	Zareen Amtul	MMCE
BIOC-8730	<u>Drugs: From Discovery to Market (MMB)</u>	Tranum Kaur	MMB
BIOC-8760	<u>Clinical Biochemistry (MMB)</u>	Tranum Kaur	MMB
CHEM-8900	<u>Graduate Seminar</u>	Simon Rondeau-Gagne	R
CHEM-8970	<u>Master's Thesis</u>	Simon Rondeau-Gagne	R
CHEM-9900	<u>Research Proposal</u>	Simon Rondeau-Gagne	R
CHEM-9980	<u>Doctoral Dissertation</u>	Simon Rondeau-Gagne	R

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**MMB elective courses**