



2011 - 12 Graduate Course Offerings

Dated: 26 Sept 2011 (Version 7)

Fall 2011

Inorganic

CHEM 710/7100	Advanced Main Group Chemistry	Denk	GUELPH
CHEM 710/7100*	X-Ray Absorption Spectroscopy (EXAFS, XANES) as a Structural Tool	Prouzet	WATERLOO

Analytical

CHEM 727/7270	Separations	Pawliszyn	WATERLOO
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Biochemistry

CHEM 731/7310	Biomolecular NMR Spectroscopy	Dieckmann	WATERLOO
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Theoretical

CHEM 740/7400*	Quantum Mechanics in Chemistry	Nooijen	WATERLOO
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Physical

CHEM 750/7500	Bioelectronics	Tang	WATERLOO
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Organic

CHEM 760/7600	NMR Spectroscopy for Synthetic Chemists	Penner	GUELPH
CHEM 760/7600*	Topics in Natural Products Chemistry/Synthetic Methods in Organic Chemistry	Fillion	WATERLOO

Polymer

CHEM 770/7700*	Principles of Polymer Science	Gauthier	WATERLOO
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Winter 2012

Inorganic

CHEM 710/7100*	Nanostructured Materials and Integrative Chemistry	Prouzet	WATERLOO
CHEM 712/7120	X-Ray Crystallography	Soldatov	GUELPH

Analytical

CHEM 720/7200	Introduction to Experimental Design and Chemometrics	Gorecki	WATERLOO
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Biochemistry

CHEM 731/7310*	Biochemical Pharmacology	Palmer	WATERLOO
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Theoretical

CHEM 740/7400*	Molecular Dynamics and Its Applications	Roy	WATERLOO
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Physical

CHEM 750/7500	Carbon Nanotube Electronics	Tang	WATERLOO
NANO 701A & 702A/CHEM 7500	Nanoscale Surfaces/Interfaces & Spectro-microscopy	Radovanovic	WATERLOO

Organic

CHEM 769/7690	Physical Organic Chemistry	Schwan	GUELPH
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Polymer

CHEM 773/7730*	Polymer Properties and Polymerization	Duhamel	WATERLOO
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Waterloo students register under first number listed which has 3 digits; Guelph students register under second number listed which has 4 digits.

**held with undergrad course*