



## 2010 - 11 Graduate Course Offerings

Dated: 2 May 2011 (Version 5)

### Fall 2010

#### **Inorganic**

CHEM 710/7100-01	Molecular Materials	Preuss	GUELPH
CHEM 710/7100-02*	Advanced Topics in Inorganic Chemistry: Catalysis - Principles and Industrial Applications	Schlaf	GUELPH

#### **Biochemistry**

CHEM 731/7310-01	Protein Folding, Engineering and Design	Meiering	WATERLOO
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#### **Organic**

CHEM 760/7600-01	Asymmetric Synthesis and Catalysis	Chong	WATERLOO
CHEM 760/7600-02*	Advanced Carbohydrate Chemistry	Auzanneau	GUELPH

#### **Polymer**

CHEM 770/7700	Principles of Polymer Science	Gauthier	WATERLOO
CHEM 772/7720	Polymerization and Polymer Reactions	Gauthier	WATERLOO

### Winter 2011

#### **Inorganic**

CHEM 712-01/7120-02*	X-Ray Crystallography	Assoud	WATERLOO
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#### **Analytical**

CHEM 720/7200-01	Mass Spectrometry	Gabryelski	GUELPH
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#### **Biochemistry**

CHEM 731/7310-02	Computer Methods for Studying Protein Structure and Function	Palmer	WATERLOO
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#### **Theoretical**

CHEM 740-01/7400-03*	Topics in Computational Chemistry	Nooijen	WATERLOO
CHEM 740-02/7400-01	Magnetic Resonance and Spin-based Quantum Information Processing	Baugh (with QIC 890)	WATERLOO

#### **Physical**

NANO 701A & 702A/CHEM 7500-02*	Nanoscale Surfaces/Interfaces & Spectro-microscopy	Radovanovic	WATERLOO
CHEM 750-01/7500-03	Aqueous Solutions	Tremaine	GUELPH

#### **Organic**

CHEM 764/7640-01	Synthetic Organic Reactions	Tam	GUELPH
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#### **Polymer**

CHEM 773/7730-01*	Polymer Synthesis & Properties	Gauthier	WATERLOO
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### Spring 2011

#### **Physical**

CHEM 740/7400-01	Methods of Theoretical Spectroscopy for Determination of Intermolecular Potentials	LeRoy	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*