

## Dean's Certificate in Resource Development

The Resource Development Certification Program is designed to train the next generation of leaders in the global energy and mining sectors. Undergraduate students who complete the program will be able to identify the environmental, technological, business, social, and legal aspects of global resource development. Through interdisciplinary seminars and a culminating experience, undergraduate students will learn to collaborate with professionals in a variety of relevant fields and develop workable strategies to promote sustainable resource exploration and extraction.

For additional information on this program, please contact the Earth Sciences Academic coordinator, Amy Wickham ([awickham@uwo.ca](mailto:awickham@uwo.ca)).

To be eligible for this Certification, students in the Faculty of Science must complete the following course components:

### **Group A: Core Courses in Earth Sciences**

1.0 credits from:

Best Practices in Sustainable Mineral Resource Development in Ontario (Geology 9702A/B - to be cross-listed as a 4<sup>th</sup> year undergraduate course)

And one of:

Earth Rocks! (Earth Sciences 1022A/B)

Introduction to the Geology and Resources of Earth (Earth Sciences 1070A/B) (offered online)

Resources, Environment and Sustainability in a Material Society (Earth Sciences 1081A)

Planet Earth: Shaken and Stirred (Earth Sciences 1023A/B)

The Dynamic Earth (Earth Sciences 2123A/B)

### **Group B: Environment and Sustainability Law**

2 courses from:

Environmental Law (Law 5304A/C/D)

International Environmental Law (Law 5427A/C/D)

Comparative Mining and Energy Law (ST) (Law 5812)

Sustainability and Natural Resource Development (ST) (Law 5816)

Corporate Social Responsibility (Law 5561A/D)

Other course as approved by the Director

### **Group C: Social Science**

0.5 credits from:

Indigenous Peoples, Globalization, and the Environment (Anthropology 2203F/G)  
Indigenous Environments (First Nations Studies 2601F/G)  
Introduction to Resource and Environmental Management (Geography 2450F/G)  
Other course as approved by the Director

### **Participation in Interdisciplinary Activity**

This component can be fulfilled through academic seminar courses, workshops, or co-curricular activities, as approved by the Director or Designate.

Co-curricular activities may include: Contributing to the organization of interdisciplinary events (e.g. conference), regular participation at panel presentations, or inviting and hosting guest speakers.

### **Capstone Experience**

This component can be fulfilled through a range of experiences offered by Western or by self-proposed activities, as approved by the Director or Designate.

Examples of experiential opportunities: International Geoscience Field Experience (Earth Sciences 4452Z), Indigenous Rights and Legal Pluralism Summer Field School (organized by the PUCP and the Instituto Internacional de Derecho y Sociedad-IIDS), site visits to domestic mining developments, Internship in Mining Finance or Sustainability (e.g. Cassels Brock Internship at Goldcorp, Internship at Great Lakes and St. Lawrence Cities Initiative), or participation in the Western Science Internship Program in approved placements.