

## Energy and Environment: The University of Alberta International Winter Program January 23 – February 11, 2011

Located in the provincial capital city of Edmonton, the University of Alberta is one of Canada's leading research and teaching institutions, with more than \$490 million in external research funding and Canada's second largest research library system. Founded in 1908, the U of A is home to over 37,000 students, including more than 4000 international students from 130 different countries. The University of Alberta is distinguished by a number of state-of-the-art research facilities, including the National Institute for Nanotechnology, the Mazankowski Alberta Heart Institute, and the Agri-Food Discovery Place.

The Times World University Rankings 2009 placed the University of Alberta 59<sup>th</sup> worldwide and programs in Sciences and Biomedicine, as well as Technology, were ranked among the top 52 in the world. The [Faculty of Graduate Studies and Research](#) offers more than 170 graduate programs in over 300 potential fields of research. Not only does the University of Alberta have some of Canada's top academic programs, we offer a great campus life in a major city, with the majestic Rocky Mountains only a few hours away.

### Winter Program Content

Located in one of the world's leading energy markets and recently recognized as one of [Canada's top 50 Green Employers](#) who excel in environmental leadership, the University of Alberta is well positioned to offer students the opportunity to learn firsthand about research advances and practices in a wide range of energy and environmental topics. The University's School of Energy and the Environment brings together the university's unique and extensive combination of expertise in diverse areas related to energy issues. Experts at the University of Alberta are leading research in the oil and gas industry as well as exploring alternate energy sources and environmental best practices. The winter program will also introduce students to the University's [Office of Sustainability](#), and the award winning renovated LEED certified [Triffo Hall](#).

Students will have the opportunity to participate in our 26<sup>th</sup> annual International Week. This is the largest annual education extracurricular event on campus and fosters global citizenship through engagement with today's most pressing issues. During I-Week there will be over 60 sessions based on the 2011 theme "World on the Move: Unpacking Migration". These sessions will feature faculty, students, community and government with experts brought in from around the world to serve as key note speakers and will include ideas about sustainable development in a globalized world. For an idea of the scope of this dynamic event view the [2010 I-Week program guide](#).

Our "Canada Eh to Zed" seminar series will offer the chance to explore English within a Canadian academic context and work on a personal statement of research intent. This is a standard requirement of most graduate school applications and students will leave the program with a statement suitable for submitting to graduate programs. Participants will be encouraged to actively learn about Canadian culture through guided observation and discussion exercises.

The academic program will include Canadian classroom observation and opportunities to engage in lectures and discussions on advanced research topics of the University of Alberta. Lecture topics and lab visits will be confirmed at a later date and may include carbon storage, issues related to the Alberta oil sands, land reclamation, environmental economics, energy use and waste water treatment. Students will be able to meet with faculty and students in their area of study to explore the research facilities and opportunities available at the University of Alberta.

Field trips to Alberta's unique national parks including the world famous Banff National Park in the Canadian Rockies and Elk Island National Park located 30 minutes east of Edmonton will complement the academic program. A variety of winter activities in Edmonton will be available for students to enjoy.

University of Alberta International Winter Program Contact: Gretchen Phillips (780) 492-7884 [gretchen.phillips@ualberta.ca](mailto:gretchen.phillips@ualberta.ca)  
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*Program Content is subject to Change*

# Energy and Environment: The University of Alberta International Winter Program January 23 – February 11, 2011

## Week 1: Academic Program

### Program Orientation & Campus Tour

### “Canada Eh to Zed” Canadian Language & Culture Seminar:

Three 2-hour seminars will explore academic and social vocabulary and will provide introduction to academic culture and Canadian graduate studies.

### Academic Sessions:

New and exciting practices, innovations and current research related to energy and the environment will be profiled in three 1-hour lectures.

### Classroom Observations:

Students will have an opportunity to sit in on a University of Alberta class.

### Research Interests:

Students will visit research labs and meet with faculty members

### Tour:

Edmonton Waste Management Centre

## Week 1: Cultural Program

### Arrival:

Airport welcome, transfer to dormitory, orientation

Welcome Dinner

Learn to Curl Workshop at the U of A [Saville Sports Centre](#)

### Weekend:

Day trip to [Elk Island National Park](#)

Ice Skating in Hawrelak Park (weather permitting)

## Week 2: Academic Program

### “Canada Eh to Zed” Canadian Language & Culture Seminar:

Three 2-hour seminars will explore academic and social vocabulary and will provide introduction to academic culture and Canadian graduate studies.

### Academic Sessions:

New and exciting practices, innovations and current research related to energy and the environment will be profiled in five 1-hour lectures.

### Classroom Observations:

Students will have an opportunity to sit in on a University of Alberta class.

### International Week 2011:

Students can attend sessions of interest

### Research Interests:

Students will visit research labs and meet with faculty members

### Tour:

[National Institute of Nanotechnology](#)

## Week 2: Cultural Program

### Activities

Interpretive tour of the University of Alberta [Devonian Botanic Gardens](#)

International Week Concert

### Weekend:

Three Day trip to [Banff National Park](#) in the Canadian Rocky Mountains

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### Week 3: Academic Program

#### “Canada Eh to Zed”

##### **Canadian Language & Culture Seminar:**

Three 2-hour seminars will explore academic and social vocabulary and will provide introduction to academic culture and Canadian graduate studies.

##### **Academic Sessions:**

New and exciting practices, innovations and current research related to energy and the environment will be profiled in four 1-hour lectures.

**Classroom Observations:** Students will have an opportunity to sit in on a University of Alberta class.

##### **Research Interests:**

Students will visit research labs and meet with faculty members

### Week 3: Cultural Program

#### **Activities:**

Tour of the [Muttart Conservatory](#)

#### **Farewell Dinner**

#### **Departure:**

Transportation to airport

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## January 23 – February 11, 2011

### Dates

The program will run January 23 – February 11. Participants should plan to arrive in Edmonton on January 22 and to depart on February 12.

### Housing

Students will live in off campus hostel accommodation and will be housed with 4 students per room.

### Meals

Breakfast will be included each day. Students will be responsible for their own lunch and dinner daily and the hostel has facilities where students can cook their own meals. The estimated cost to students for meals is approximately \$500 for 3 weeks.

### Health Insurance

Health insurance is not included in the program fee. The purchase of travelers' health insurance prior to your departure to Canada that is valid for the entire duration of your trip is strongly recommended.

**Program Costs:** The cost of the program is \$2500 (Canadian) per student. This fee includes:

- 13-day academic program will all instruction, arrangements and administrative support
- Airport pickup-drop off
- Accommodation (occupancy will be 4 students per room)
- Breakfast daily
- Field trips and activities (note that field trips and activities are subject to change without notice)

Universities sending 8 or more students will receive a special rate of \$2300 per student and the cost for cohorts of 15 or more will be \$2100 per student.

### Spending Money: Recommended Amounts

\$500 for meals

\$300 - \$600 for shopping and other entertainment (including an optional evening of skiing or snowboarding)

### Registration Deadline

October 31, 2010

### Confirmation Deposit Deadline (\$1000 CDN)

December 1, 2010 (deposit will be refunded if Canadian visa application is unsuccessful)

### Final Payment Deadline

January 15, 2011

### Academic Credit Transfer Information

The academic program will consist of a minimum of 30 contact hours with the opportunity to increase contact hours through classroom observation sessions and individual consultations with faculty members. A certificate of participation will be awarded to each participant. A letter confirming actual contact hours can be issued.

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