



Established 1908

18 Faculties

500+ Master and  
PhD Programs

96 Position in the  
2015 QS World  
University Ranking

\$463 Million  
External Research  
Funding

111 Canada  
Research Chairs\* in  
2015

3 Canada  
Excellence Research  
Chairs in 2015

\* Canadian Government program to  
attract and retain some of the  
world's most accomplished and  
promising minds.

# UNIVERSITY OF ALBERTA

The University of Alberta is one of Canada's top five research universities and ranks consistently among the top 100 in the world. Home to 39,000 students, UAlberta provides a multicultural and inclusive learning environment where students from all over the world conduct research alongside world-renowned experts in world-class facilities.

Located in Edmonton, the capital city of the oil-rich province of Alberta, UAlberta is well-connected to industry and business, offering strong research and employment opportunities for students and graduates.

## Priority Research Areas:

- Energy & the environment
- Food and Agriculture



**UNIVERSITY OF ALBERTA**

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## University of Alberta Highlights

The UAlberta International Student Centre offers specialized advising for international students, including immigration advising. In addition, the Centre offers special events and programming, including a 3-day orientation for new international students as well as a friendly airport greeting on arrival.

UAlberta North Campus is home to Canada's National Institute for Nanotechnology, one of only a few such facilities in the world. Labs include Canada's quietest research space, which allows for research at the nano-scale.

The Physical Activity and Wellness (PAW) Centre is brand new and is available to UAlberta students with a ONEcard (student ID). It includes a world-class climbing wall, two work-out floors, a swimming pool, and more.

The Li Ka Shing Institute of Virology at UAlberta is home to some of the world's best researchers working to cure virus-based diseases.

The Timms Centre at UAlberta is Canada's leading theatre training facility, contains a 289-seat proscenium theatre, specialized lighting and tracking systems, video and sound equipment, all designed for student learning.

Edmonton, Alberta is known for supporting entrepreneurs and offers many resources for student startups: Startup Edmonton; eHUB at UAlberta.

Edmonton, Alberta is known as Canada's Festival City, with over 300 festivals each year held in all seasons, ranging from music to culture to food to carnivals and more.

UAlberta has Canada's 2<sup>nd</sup> largest research library system, ranks first in volumes available per student thanks to a library consortium that arranges access to 10.6 million items, and provides access to more than one million electronic books and more than 1,500 electronic databases.

The School of Public Health at UAlberta is Canada's first fully accredited, stand-alone faculty dedicated to public health with a focus on safety, wellness, and disease prevention.

The Alberta Rocky Mountains are located just a few hours away from UAlberta, offering some of the most beautiful scenery in the world as well as the chance to see Canadian wildlife up close.

## Priority Research Areas

- **Society and Culture**

- Education curriculum and pedagogy
- measurement and assessment
- integration of technology and science education
- life-long learning
- Human rights, political economy and government studies.



- **Science and Technology**

- Advanced materials and surface sciences
- nanotechnology and nanoscience's
- Carbohydrate sciences, analytic, organic, and physical chemistry
- Pure mathematics
- Astronomy and astrophysics

- **Energy and Environment Health and Wellness**

- Resource geosciences, including seismic modeling and analysis;
- Geophysics of mining and mineral processing; catalytic, interfacial and transport engineering, geotechnical and geo-environmental engineering;
- Clean coal, oil sands and natural gas exploration, recovery, processing, with emphasis on mitigating environment impact; clean coal;
- Carbon capture; alternate energy sources; renewable energy sources – photovoltaics, wind, geothermal, fuel cells, fusion; unconventional and shale gas and oil;
- Mine waste technology; power systems and “smart grids” for distribution of renewable energy sources

- **Humanities and Fine Arts/Social Structures and Systems**
  - Digital social sciences and humanities
  - Cultural studies
  - Comparative experimental linguistics
  - Design studies
  - Humanities and computer gaming

