



UNIVERSITY OF SASKATCHEWAN

One of Canada's top research universities, the University of Saskatchewan in Saskatoon hosts world-class centres, including the Canadian Light Source, VIDO-InterVac, global institutes for food and water security, and a wide range of colleges including engineering, medicine, and veterinary medicine. Ranked number 47 in the world for veterinary science by the 2015 QS World University Rankings.

Priority Research Areas:

- Agriculture
- Water security
- Energy/mineral resources
- Aboriginal scholarship/engagement
- Synchrotron sciences
- "One Health" – an integrated approach to human/animal/ecosystem health

Established 1907

17 Faculties

154 Master and PhD
Programs

451–460 Position in the
2015 QS World University
Ranking

\$195 Million External
Research Funding

28 Canada Research
Chairs* in 2015

1 Canada Excellence
Research Chair in 2015

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



**UNIVERSITY OF
SASKATCHEWAN**

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University of Saskatchewan Highlights

Situated on an architecturally stunning century-old campus in a safe city of 250,000 known for its rich quality of life, the [U of S](#) is the core of a dynamic research hub that addresses challenges faced by people locally and around the world. With some of the best facilities and analytical tools in the country and 13 colleges and four schools (including a full range of professional colleges such as engineering, agriculture, business and law), the U of S attracts more than 22,000 students from Canada and around the world. Almost 38 per cent of our graduate students are international students. The U of S has more than 120 [graduate programs](#) and is known for its low student/supervisor ratio. Student support includes language training bursaries, on-site top-notch academically focused language school, new affordable student housing, extended health and dental benefits, conference travel funding, and peer mentoring for international students.

The U of S is a powerhouse for agri-food research:

- The [Global Institute for Food Security](#) addresses the increasing global demand for safe, reliable food.
- Our \$37.2-million **Canada First Research Excellence Fund grant**—one of only five such grants awarded in Canada in 2015—will transform crop breeding and provide innovative solutions to national and global food security. More than 300 grad students will be hired over seven years.
- Our [Crop Development Centre](#) has developed more than 400 commercial crop varieties. Due to our crop research, Saskatchewan leads the world in exporting peas, lentils, and chickpeas—staple foods in fast-growing countries.

With stellar research teams, the U of S is renowned for its diverse cluster of world-class science facilities which include:

- The [Canadian Light Source](#), one of the world's leading synchrotron facilities, is used by scientists from around the globe for cutting-edge research ranging—from mine tailing remediation to cancer research and cutting-edge materials development.
- [VIDO-InterVac](#), a world leader in developing vaccines and technologies to fight infectious diseases in humans and animals, has commercialized eight vaccines, six of which were world firsts.
- The U of S [Toxicology Centre](#) is the largest academic toxicology research and training centre in Canada and one of the world's top five interdisciplinary toxicology graduate programs

- The [Global Institute for Water Security](#), led by a Canada Excellence Research Chair, develops improved tools to sustainably manage one of the world's most important resources.
- The new [Health Sciences](#) building fosters a unique approach that enables faculty and students to work together across areas of practice and research that include dentistry, kinesiology, medicine, nursing, pharmacy, nutrition, physical therapy, public health and veterinary medicine. The U of S is a leader in community-engaged scholarship, linking research, teaching and learning with the needs and interests of local and global communities. Our more than 145,000 alumni are spread across the globe.

Priority Research Areas



- **Water Security: Stewardship of the World's Freshwater Resources**
 - Climate Change and Water Security
 - Land–Water Management and Environmental Change
 - Sustainable Development of Natural Resources
 - Water and Health
 - Socio–hydrology

- **Synchrotron Sciences: Innovation in Health, Environment and Advanced Technologies**
 - National Centre for synchrotron research and its applications
 - Understand the structural and chemical properties of materials at the molecular level.
 - Analysis of physical, chemical, geological and biological processes
 - Applications in health, environment, materials science

- **Agriculture: Food and Bioproducts for a Sustainable Future**
 - Optimizing food production
 - Soil and water conservation,
 - Climate adaptation, pest control,
 - Crop and livestock development,
 - Crop and livestock management.

- **Energy and Mineral Resources: Technology and Public Policy for a Sustainable Environment**
 - Workplace health and safety,
 - Exploration, mining, and processing,
 - Economics of global commodities
 - Clean Energy Solutions
 - Environmental stewardship and risk management
 - Policy for sustainable development.



- **One Health: Solutions at the Animal–Human–Environment Interface**
 - Chronic Disease; Infectious Diseases
 - Reproductive Health
 - Public and Community Health and Wellness
 - Molecular Design and Drug Development

- **Aboriginal Peoples: Engagement and Scholarship**
 - Health and Wellness
 - Protection of Heritage and Culture
 - Law and Governance
 - Economic Development and Resource Management
 - History and Social Justice