



FIRST NATIONS UNIVERSITY OF CANADA

Bachelor of Applied Science in Environmental Health and Science

What is the Environmental Health and Science program?

- The First Nations University of Canada, in partnership with the Faculty of Engineering at the University of Regina, offers a 4-year program (120-credit-hours) leading to a Bachelor of Applied Science (BASc) in Environmental Health and Science (ENHS). The ENHS program emphasizes First Nations traditions and culture while providing students with the opportunity to acquire the necessary leadership skills and knowledge needed to address the problems in the areas of environmental health and science.

What courses are included in the ENHS program?

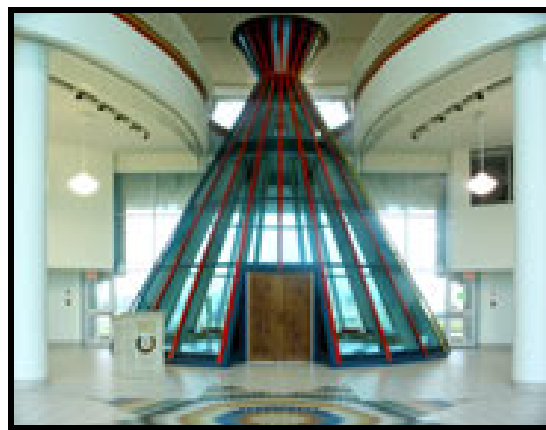
- The first two years of the ENHS program include basic science courses such as physics, chemistry, biology, microbiology, math, anatomy and physiology, indigenous health classes, and a First Nations language course.
- In the third and fourth year, students complete ENHS courses such as food hygiene and protection, epidemiology, water and wastewater management, and environmental health law. Engineering classes such as environmental systems, applied environmental science, solid and hazardous waste management are also included.

What skills and knowledge do ENHS graduates obtain?

- Ability to manage environmental health problems
- Ability to conduct an environmental impact assessment
- Opportunity to certify with the Canadian Institute of Public Health Inspectors (CIPHI)
- Ability to analyze and develop solutions for public health challenges
- Administrative skills and report writing
- Quantitative and qualitative research skills
- Basic outbreak investigation skills
- Traditional knowledge including Aboriginal culture and practices
- Practical hands-on experience
- Communication and presentation skills

Where do ENHS graduates work?

- Regional Health Authorities
- Government
- Industry
- Sewage and water treatment facilities
- Agencies interested in industrial and environmental health



How do ENHS graduates certify as Public Health Inspectors?

- The Environmental Health and Science program is accredited by the Canadian Institute of Public Health Inspectors, ensuring that the students in this program will have the opportunity to obtain certification as public health inspectors following graduation and completion of approved field training. This involves completing a 12-week practicum, submitting two formal inspection reports, and sitting an oral board examination.

Where do ENHS students find more information about certifying?

- Canadian Institute of Public Health Inspectors (CIPHI) at <http://www.ciphi.ca>.

Is there a Saskatchewan branch of CIPHI?

- For more information about the Saskatchewan Branch of CIPHI see: <http://www.ciphi-sk.ca>.

Are there any bursaries available for ENHS students?

- Saskatchewan Health offers bursaries for allied health professions such as Environmental Health and Science (Public Health Inspection). See: http://www.health.gov.sk.ca/hhrp_bursaries.html.

What courses high school courses are required to apply for the ENHS program?

- English Language Arts A30 and B30
- Math B30 and C30
- Chemistry 30 and Physics 30

What is the minimum average of the required high school courses?

- 65%

How do students apply for entry into the ENHS program?

- To apply online or print application forms go to: <http://www.uregina.ca/admissions> for more information.

When are the deadlines for application forms?

- Deadlines for application forms and supporting documents vary depending on whether the student is Canadian or not and the semester in which the student wishes to begin classes. For more information see: <http://www.uregina.ca/admissions/undergraduate/deadlines/index.shtml>.

Where do students find the ENHS program information in the U of R Calendar?

- Students should check the current University of Regina Calendar for the most up-to-date information on the ENHS program and courses. To view the calendar online, please go to <http://www.uregina.ca/genca/index.shtml>. Details about the ENHS program can be found on page 154 of the 2006/2007 University of Regina Calendar.



For more information, please contact:

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FIRST NATIONS UNIVERSITY OF CANADA
Environmental Health and Science Program
ENHS Model Program 2006-2007

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	Semester I (Fall)	Semester II (Winter)
Year I	BIOL 100 CS 100 ENGL 100 INHS 100 First Nations Language	CHEM 102 or CHEM 103 INHS 101 KHS 168 PHYS 109 Any elective offered by the Faculty of Arts
Year II	CHEM 240 INHS 200 KHS 267 PHYS 119 MATH 110 or MATH 105	BIOL 220* or ENEV 322 ENHS 100 INHS 210 STAT 151 or STAT 289 Basic science elective (BIOL 101, CHEM 230, CS 110, CS 130, MATH 111, STAT 152)**
Year III	ENHS 101 ENHS 210 ENHS 320 ENEV 320 or ENHS 340 ENHS 310	ENHS 305 ENHS 321 ENHS 350 ENHS 380 ENHS 311
Year IV	ENHS 420 ENHS 430 ENHS 440 ENEV 321 or ENHS 400 ENHS435	ENHS 401 ENHS 468 ENHS 481 ENEV 422 or ENHS 450 ENHS 422

*Note: Students who obtain a waiver from the Department of Biology to take BIOL 220 without the prerequisite of BIOL 101 are then disallowed from taking BIOL 101 in the future by Faculty of Science guidelines.

**Note: Students are encouraged to take the science electives listed but may take other or any other 200 -, 300 -, or 400 - level science courses that are pre-approved by the Director of the ENHS program.

The selections in gray shading can be deferred to a 5th year without disrupting the program.