



University of Windsor

Natural Science & Health

thrive.



# Agenda.

- **Introduction**
- **Careers in Natural Science & Health**
- **Faculty of Science**
- **Faculty of Nursing**
- **Faculty of Human Kinetics**
- **Next Steps**





An aerial photograph of a university campus. The image shows several brick buildings, green trees, and a paved walkway. A large, semi-transparent blue octagonal shape is overlaid in the center of the image. Inside this shape, the text "Careers in Natural Science & Health" is written in a bold, yellow, serif font. The background of the octagon shows a faint, mirrored image of the campus scene.

# Careers in Natural Science & Health





# Areas of Interest

- You are curious, observant and sometimes like to investigate things
- You are calm under pressure, organized, and a good communicator
- Enjoy science courses, decision making and finding answers



# Careers

- **Scientist (ecological, clinical, pharmaceutical...)**
- **Nurse (direct care hospital and/or community; administrative; research; nurse practitioner; educator)**
- **Doctor**
- **Therapist**
- **Nutritionist**
- **Health Administration & Management**
- **Science Communicator/Writer**
- **Environmentalist**
- **At a desk, in a lab, at a hospital/clinic, in the field...**



# Meet Alex Ward

- Degrees in Biological Sciences
- Works as the President of Origin Materials Canada
- Uses her technical background and excellent communication skills to create partnerships





An aerial photograph of a university campus. A large, semi-transparent blue octagonal shape is overlaid in the center. Inside this shape, the text "Faculty of Science" is written in a bold, yellow, serif font. The background shows various university buildings, including a brick building with arched windows on the left and a modern building with a glass facade on the right. There are also trees and a paved walkway visible.

# Faculty of Science





# What programs are in the Faculty of Science?

**Science is home to many programs. Here are some that can support your interest in Natural Science and Health:**

- Behaviour, Cognition & Neuroscience
- Biological Sciences
- Biomedical Sciences
- Chemistry & Biochemistry
- Environmental Science/ Studies
- Medical Physics





# What high school courses should I take?

- **Most Science programs will require:**
  - Grade 12 Advanced Functions/MHF4U
  - Grade 12 Chemistry/SCH4U
  - Grade 12 English/ENG4U
  
- **Some programs may require or recommend:**
  - Grade 12 Biology/SBI4U
  - Grade 12 Physics/SPH4U
  - Grade 12 Calculus & Vectors/MCV4U





# Why might I want to pursue a degree in Science?

- **Hands-On Training** to build technical skills
- **Undergraduate Research** to solve real-world problems
- **Outreach Opportunities** to service our community
- **Service Learning** to educate others
- **Student-Faculty Partnerships** to create effective networks
- **LEAD in Science** to build transferable skills





An aerial photograph of a university campus. A large, semi-transparent blue octagonal shape is centered over the image. Inside this shape, the text "Faculty of Nursing" is written in a bold, yellow, serif font. The background shows various university buildings, including a brick building with arched windows on the left and a modern building with a glass facade on the right. There are also trees and a paved walkway visible.

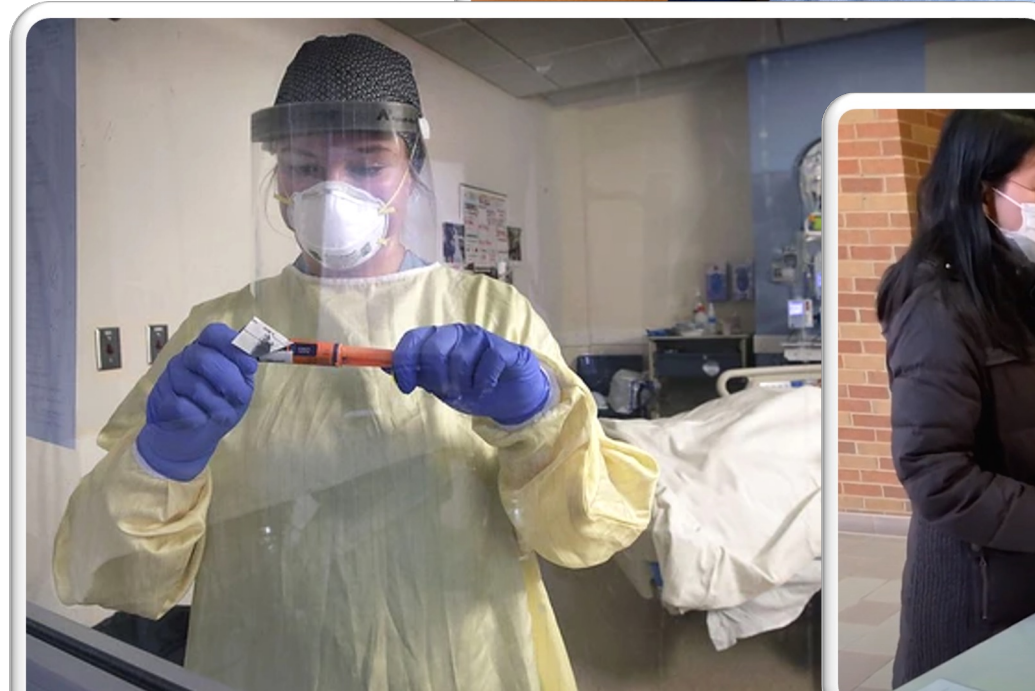
# Faculty of Nursing





# Nursing at UWindsor

We're here to  
help you  
**thrive.**







**Employment Rate – 99%**

**Career Pathways**

**Travel Nursing**

**Cross-Border Nursing**

**Educator**

**Community Nursing**

**Northern Nursing**

**Critical Care**

**Nurse Practitioner**

**Primary Care**

**Hospital Nursing**

**.... & much more!**



# Why might I want to pursue a degree in Nursing?

- Make a difference in people's lives during times of health, illness, and emergency
- Work in a settings such as emergencies, ICUs, long term care, acute care, home care, public health, family clinics, supporting families during loss
- Contributing to emerging pandemic processes or research



# Program Pathways

## Bachelor of Science (BScN) in Nursing, Honours:

- 4 years at the University of Windsor
  - Apply through OUAC
- 2 years at the college, 2 years at the university (only St. Clair College Windsor & Chatham)
  - Apply through OCAS-[ontariocolleges.ca](http://ontariocolleges.ca)





# What high school courses should I take?

## Course Requirements

- Grade 12U Biology/SBI4U
- Grade 12U Chemistry/SCH4U
- Any Grade 12 Math
- Grade 12U English/ENG4U
  
- Top 6 courses should be over 80% to be competitive; between 85 – 89% more competitive
- Chem & Bio – secondary combined average– should be over 80% to be competitive; between 85 – 89% more competitive





# MACLEAN'S

EDUCATION

## Canada's best university nursing programs: 2022 rankings

The 20 top-ranking schools for nursing programs in Canada

By Maclean's  
October 7, 2021



CTV NEWS

WINDSOR

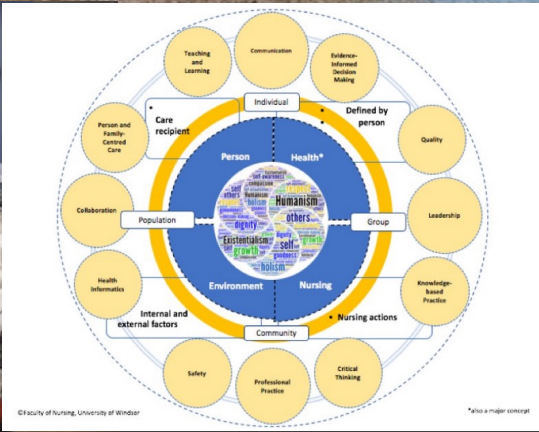
# Why Nursing at UWindsor?

- Ranked “Top 20” Nationally (research & reputation)
- NCLEX results - over 95% year-end pass rate - UWindsor students for the past four years – among the highest in Ontario!
- Clinical starts in Year 1, small group sizes
- Experiential learning in labs each semester – includes learning in SIM lab
- Concept-based & levelled curriculum



# Why Nursing at UWindsor?

- **Our Focus is on Student Support!**
  - Student Success Coordinator – academic support throughout the program (Fran Meloche)
  - Clinical Therapist – works specifically with Nursing students (Laura Little)
  - Peer Mentor Program
  - Approachable teachers invested in student learning
- We involve students in **professional development** and **research activities** as well as informing students from year one about **career pathways**



[Click here to watch our video!](#)



An aerial photograph of a university campus. The image is dominated by a large, semi-transparent blue octagonal shape in the center. Inside this shape, the text 'Faculty of Human Kinetics' is written in a bold, yellow, serif font. The background shows various university buildings, including a large brick building with arched windows on the left and a modern building with a glass facade on the right. There are also green trees and a paved walkway with a bench and some people in the foreground.

# Faculty of Human Kinetics





# What programs are in the Faculty of Human Kinetics?

- **Movement Science – Kinesiology**
- Sport Management & Leadership





# What high school courses should I take?

- **Course Requirements (Movement Science)**

- One of:
  - Grade 12 Biology/SBI4U
  - Grade 12 Chemistry/SCH4U, OR
  - Grade 12 Physics/SPH4U
- English/ENG4U

- **Course Recommendations (Movement Science)**

- Intro to Kinesiology/Exercise Science 4U
- Math 4U



# Why might I want to pursue a degree in Human Kinetics?

- What is the definition of kinesiology?
- What are the most important things for you to consider as you plan for university studies?
- What is Dr. Rohr's favourite word related to being a university student?





# Innovation is our sport

All 1st year students are assigned to a KinOne leadership group

88% of first-year HK students rate their overall experience as "excellent" or "good"

Experiential learning is at our core: over 100 student positions, starting in first year

98% of HK grads are employed in the first six months after graduation

