Take electives in areas like pharmacology, molecular biology, physics, and material science.

Of Nanoscience students will experience a research lab environment before graduating.

Nanoscience is the study of small dimensional materials with length scales ranging from 1 to 100 nanometers. Nanomaterials behave differently from bulk materials due to quantum effects providing scientists with the key to develop new technologies.

Nanoscience students at the University of Guelph are given a unique opportunity to study nanoscale materials. Students learn how to create nanomaterials and measure their unique properties using state-of-the-art instruments in specialized laboratory courses. Courses are taught by members of the Physics and Chemistry departments, providing students with a multidisciplinary education that prepares them for a variety of careers.

Advanced Imaging Equipment
Our students receive hands-on experience working with research-grade microscopes for imaging nanomaterials! Explore courses in:

- Atomic Force Microscopes (AFM)
- Scanning Electron Microscope (SEM)
- Scanning Tunneling Microscope (STM)
The nanoscience program at UofG exposed Nicholas to new ways of understanding the world around him. With the help of committed faculty and the ability to tailor his experience to his academic interests, his decision to pursue Nanoscience is one he would never change.

B.Sc. Nanoscience Nicholas van Heijst

For more information on the Nanoscience program, first-year courses, co-op, and more, visit: bsc.uoguelph.ca

Ontario Admission Requirements

<table>
<thead>
<tr>
<th>Ontario High School Requirements</th>
<th>ENG 4U</th>
<th>MCV 4U</th>
<th>2 of the following 3 courses: SBI4U, SCH4U, SPH4U</th>
<th>2 additional 4U or 4M courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Cut-off Ranges</td>
<td></td>
<td></td>
<td>78-83%</td>
<td></td>
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<tr>
<td>Notes</td>
<td></td>
<td></td>
<td>2 of the 3 4U high school science courses are required for admission; completion of all 3 is recommended.</td>
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</tr>
</tbody>
</table>

For full Admission Requirements, visit admission.uoguelph.ca

Interested in Learning More?

Let us help connect you with a current Nanoscience student or a member of our Liaison Team.

cepsinfo@uoguelph.ca uofgceps

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Career Opportunities

Nanoscience graduates are pursuing careers in a variety of industries including research, engineering, medicine, food, environment and business.

- Research Engineer - HP
- Quality Scientist II - Johnson & Johnson
- Process Development Scientist - Teledyne DALSA