

WHAT CAN I DO WITH A BIOLOGICAL SCIENCE DEGREE?

UOIT's Bachelor of Science (Honours) degree with a major in Biological Science is the study of life at its most fundamental level. Students in this program will master the foundational areas of cell biology, genetics and molecular biology, physiology, biochemistry and developmental biology. Students can study within the broad scope of the Complementary Studies stream, or choose to specialize in Environmental Toxicology, Pharmaceutical Biotechnology, or, for those interested in pursuing medical school or related health science careers, the Life Science Specialization. Students also have the option of taking the five-year Bachelor of Science and Management degree or the five-year Concurrent Bachelor of Science/Bachelor of Education degree. For more information about the Biological Science Program, please visit the Faculty of Science website at science.uoit.ca/undergraduate/programs-and-information-for-prospective-students/biological%20science/index.php

WHAT SKILLS WILL I DEVELOP IN THE BIOLOGICAL SCIENCE PROGRAM?

A degree in Biological Science will allow you to develop a number of skills with application in a variety of work contexts. Some of the skills you will acquire and/or develop in the Biological Science program include:

Oral and Written Communication	Problem-Solving	Teamwork
Research Skills	Planning and Organization	Laboratory Skills
Analytical and Critical Thinking	Statistical/Data Management Skills	Attention to Detail

EMPLOYERS HIRE PEOPLE NOT DEGREES!

Think beyond your program when choosing a career. To find the right career, you will need to take into account your interests, skills, work preferences and values. The list below is meant to give you some ideas, but it is not exhaustive. Don't limit yourself!

WHAT ARE MY CAREER OPTIONS WITH A DEGREE IN BIOLOGICAL SCIENCE?

Biological Science is an interdisciplinary field that opens up possibilities for careers such as:*

Agriculture Tech	Ecologist	Marketing Specialist (biotechnology industry)	Pharmacist
Biochemist	Environmental Consultant	Medical Doctor	Physiotherapist
Bioinformatics Specialist	Epidemiologist	Microbiologist	Professor
Biologist	Food Scientist	Oceanographer	Researcher
Biotechnologist	Forester	Occupational Hygienist	Research Management
Botanist	Genetic Counsellor	Optometrist	Teacher
Business Analyst (biotechnology companies)	Geneticist	Osteopathic Physician	Toxicologist
Conservation Officer	Marine Biologist	Perfusionist	Zoologist

*Please note that many of the occupations listed above may require further education, certifications or work experience in conjunction with your degree.

WHERE HAVE PREVIOUS UOIT SCIENCES GRADS WORKED?

NexJ Systems	Patheon, Inc.	Rexall	Silliker Canada
Ontario Legislature Internship Programme	Purdue Pharma	Sir Sanford Fleming College	Techcentive Services Inc.
	Ontario Parks		Yeoju Girls Middle School

HOW CAN I GET SOME PRACTICAL EXPERIENCE?

A degree on its own is generally not enough to land you your dream job. Practical experience is critical, not only to give you the qualifications you need to be competitive, but also to help you better understand your own interests, skills, personality and work values so that you can be confident that your next career step is the right fit for you.

There are a number of ways for you to get some real-world experience and information about potential careers related to Biological Science. These include:

Experiential Learning – Biological Science students have the option of taking a five-year co-op program which gives you opportunities to apply what you have learned in the classroom and lab to real-world situations, helping you clarify your career goals while also reducing your debt load. The Faculty of Science also has an extensive program of faculty-supervised paid summer research assistantships which are awarded on a competitive basis. For more information, visit

science.uoit.ca/about/experiential-learning1.php

Volunteering - If you have little or no work experience, unpaid work experiences are a great way to get your foot in the door, allowing you to develop your skills through hands-on experience, learn more about your interests and make valuable contacts to add to your network for potential paid work opportunities down the road. For more information, find the volunteering resource at uoit.ca/careertools

Informational Interviews - Informational interviews allow you to get the inside scoop on potential career paths from individuals working in the field. For information on how to set up and conduct informational interviews, find the Informational Interview resource at uoit.ca/careertools

Get Involved - The Faculty of Science has several clubs and organizations dedicated to, among other things, organizing experiential learning and professional opportunities for their members. For more information, visit

science.uoit.ca/undergraduate/student-clubs/. See also your-sa.ca for information about other clubs offered by the Student Association. Check out uoit.ca/getinvolved for information about the **Student Involvement Record**.

WHERE CAN I FIND MORE INFORMATION?

Student Portal – There are a number of career resources on the Student Portal to get you started in your career research process, including links to job leads and information about further education. For more information, visit: uoit.ca/careercentre

Career Counselling – Email careercentre@uoit.ca to book a career counselling appointment if you would like to discuss your career development, including issues such as: career indecision; identifying your skills, interests, work values and personality style as it relates to the workplace; feeling overwhelmed, anxious or confused about the career planning or decision-making process; and overcoming barriers to career development.

Academic Advising – Email science.advising@uoit.ca to set up an appointment to discuss questions related to your academic path within the Faculty of Science.