Sample Careers / Jobs

Below is a sample of the many types of careers and jobs pursued by graduates of this program.

Sample Career Titles

Note: This is not an exhaustive list. Detailed career profiles are available in the Career Centre. Some positions require further education and experience.

Mine Geologist  Survey Tech
Surveyor  Geologist
Laboratory Supervisor  Hydrologist
Geological Technician  Environmental Tech
Prospector  Engineering Technician
Training Coordinator  Mining Engineering Tech
Environmental Coordinator  Explosives Specialist
Community Affairs Manager  Land Surveyor
Virtual Reality Modeler  Paleontologist
Sales Representative  Cartographer
Sampler Analyst  GIS Specialist
Minerals Processing Technician  Land Agent
Safety and Health Educator  Oceanographer
Technical coordinator  Biological Technician
Exploration Geologist  Petroleum Engineering Technic.
Production Geologist  Chemical Engineering Technician
Buyer  Meteorologist
Technical Sales Representative  Geophysicist
Compliance Officer  Geobiologist
Commodity Manager  Geochemist
Regulatory Law Associate  Paleobiologist
Site Cost Controller  Paleoclimatologist
Analyst Trade Controls  Physicist
Mining Engineer*  Scientist
Climatologist*  Environmental Engineer*

Sample Job Listings

Below is a sample of positions that have been promoted within the Career Centre. To access current postings, login to CLN at www.cln.utoronto.ca and click on Jobs.

- Junior Mining Rock Mechanics Engineer, Golder Associates
- Field Geologist, Century Global Commodities Corporation
- District Geologist, Ontario Public Service
- Backfill Specialist, Vale
- Sustainability Programming Assistant, Department of Facilities Management and Planning, UTM
- Geoscience, Schlumberger
- Geospatial Research Assoc., Rotman School of Management, UofT
- Seismic Analyst, ESG Solutions
- Undergraduate Assistant, Natural Resources Canada
- Geologist, Nexen
- Geotechnical Research Assistant, Rocscience
- Writer, Earth Day Canada
- Lab Assistant, Department of Chemical & Physical Sciences, UTM
- Policy Analyst - Acoustics Air Quality & Climate Change, Ontario Public Service
- Geoscience Student, Shell Canada

Sample Areas of Employment

- Mineral and hydrocarbon companies
- Environmental sector
- Provincial and federal government departments
- Resource and financial companies
- Government agencies
- Academic institutions

* View these titles at Career Cruising, available on CLN (cln.utoronto.ca) under the Resources tab.
Program-Related Skills

Academic courses in this program provide opportunities to develop the following types of skills. Make a career counselling or an employment strategy appointment to discuss how you can demonstrate these skills to employers.

- **Investigative**: knowledge of the origin, composition, and evolution of the Earth, and how the Earth system responds to internal and external forces, as well as understand spatial data and temporal geologic change.
- **Technical**: identify, describe and classify earth materials and structures, as well as analyze quantitative geologic data.
- **Communication**: read, critically evaluate and produce professional papers and geologic maps.
- **Critical thinking & problem-solving**: recognize bias and incompleteness in the geologic record; apply physics, chemistry, biology, statistics and mathematics to solve geologic problems; and apply geoscience knowledge to address problems affecting society.

Explore Careers & Build Networks

**Career Exploration 101**

Take our 15 minute online module available at [utm.utoronto.ca/careers/career-planning/career-exploration](utm.utoronto.ca/careers/career-planning/career-exploration) and attend the Career Exploration Part 2 in-person workshop to read about how you can gain access to UTM’s three career exploration programs:

- Extern Job Shadowing
- In The Field
- Informational Interviews

**Alumni Profiles**

Check out our Alumni Profiles page with submissions from UTM grads to find out how their experiences have affected their career direction.

**Events**

Attending networking events, employer info sessions, and career fairs is a great way to meet professionals and learn more about careers, companies, and industries. Login to CLN and click on Events & Workshops to see what’s coming up.

**Talk to Professors**

Connecting with your professors can be a great way to explore the different paths a major can lead you to, as well as learn about possible opportunities for research, volunteering, or becoming a TA. Drop by during their office hours or request an appointment.

**Student Organizations**

Join a student club or an academic society at UTM to meet like-minded people, explore your interests, and gain valuable skills. To view a list of current clubs and societies, visit the Centre for Student Engagement online. Some organizations you may consider are:

- Student Association of Geography and Environment
- World Wildlife Foundation at UTM
- Erindale Society of Chemical & Physical Sciences

**LinkedIn**

Create a LinkedIn profile to connect with professionals in the fields, explore the career paths of UTM alumni, research employers, apply for specific positions, and more. Need help? Come into the Career Centre to book a LinkedIn profile critique.

**Professional Associations**

There are many benefits of becoming a member of association(s), such as developing a network of contacts, learning about industry trends, accessing industry-related job postings, and stating your affiliation on your resume. Some associations related to this major are:

- Geological Association of Canada (GAC)
- Canadian Federation of Earth Sciences (CFES)
- Association of Professional Geoscientists of Ontario (APGO)
Get Experience

Get some experience and exposure to the industry while being a student. This will increase your chances of finding a job after graduation, while helping you decide what area might be most suitable for you.

Crack the Hidden Job Market

Networking is an essential element of job search today, as most jobs are not advertised. While you should still apply for positions you find online, building relationships with professionals is a proven way to access the "hidden job market" with some of the most desirable opportunities.

Attend the "Learn to Network" workshop to discover proven techniques to effectively introduce yourself and make contacts.

On-Campus

Experience 101 Handout

Check out the Experience 101 handout on www.utm.utoronto.ca/careers/on-campus-opportunities to view a list of some of the ways you can get valuable experience on campus.

Work Study Positions

The work study program provides eligible students with an opportunity to work on campus during the academic year and gain experience. Many departments use this program to hire UTM students during the Fall/Winter and Summer terms.

Research Opportunity Program (ROP)

UTM’s Research Opportunity Program (ROP) allows undergraduate students to gain valuable research experience and earn a course credit by participating in a faculty member’s research project. Courses are held during Summer and Fall/Winter terms.

Part Time and Volunteer Positions

- Attend the annual Get Experience Fair
- Check out our binder with detailed information on volunteer opportunities; available in the Career Centre
- Learn about the Co-Curricular Record (CCR), which can help you find opportunities beyond the classroom and have your skills and experiences captured on an official document; go to www.ccr.utoronto.ca to find out how you can get involved

Student Organizations

Join a student club or an academic society at UTM to meet like-minded people, explore your interests, and gain valuable skills. To view a list of current clubs and societies, visit the Centre for Student Engagement at www.utm.utoronto.ca/student-life/student-organizations.

Off-Campus

Internships, Summer, Part Time and Volunteer Positions

- Check out our binders with detailed information on internships and volunteer opportunities; available in the Career Centre
- Login to Career Learning Network (CLN) and click on Jobs to access current postings advertised to UofT students
- Attend the annual Get Hired: Summer and Full-Time Jobs Fair
- Consider taking an academic internship course through your department
- Check out Government of Ontario - Job Programs for Youth Summer Employment Programs’ web page
- Review our Internships, Summer Employment Programs, and Summer Job Search tip sheets at utm.utoronto.ca/careers/tip-sheets

Full Time

- Login to CLN and click on Jobs to access current postings advertised to graduating students and recent UofT grads.
  Note: You must attend the "Now That I’m Graduating, What’s Next?" workshop to gain access to these postings.
- Attend the annual Get Hired: Summer and Full-Time Jobs Fair
- Check out our list of industry-specific job boards on www.utm.utoronto.ca/careers/jobs/jobs-resources-links
Useful Resources & Next Steps

Appointments

- Attend a one-on-one appointment with a career counsellor or an employment strategist to discuss what career options might work for you and determine a job search plan. Contact the Career Centre for more information.
- Meet with an academic or departmental advisor, who can guide you in achieving academic success. Contact the Office of the Registrar or your department for more information.

Additional Web Resources

- Prospects – Career Options in Geology
- Jobpostings.ca – Career Guides
- TalentEgg – Career Guides
- Science Daily – Geology News
- Natural Resources Canada
- Canada’s Top 100 Employers for Young People

Career Centre Library Resources

The Career Centre resource library contains information about a wide range of occupations in all industries, resume and cover letter resources, effective work search methods, graduate/professional school preparation guides, and more. Located in DV 3094.

Career Planning by Year

Look for our Career Planning by Year web page on www.utoronto.ca/careers/career-planning for ideas of important career related activities for each year.

Questions?

Visit the UTM Career Centre located in DV 3094, call 905-828-5451, or visit www.utm.utoronto.ca/careers.