

Mathematics & Statistics

Career Possibilities

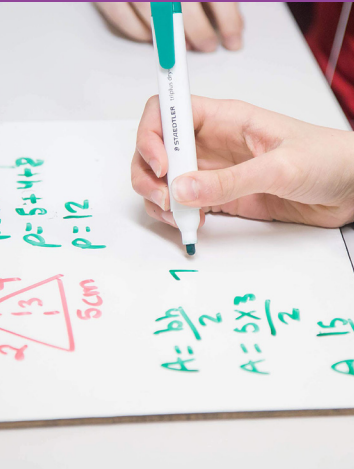
Some options may require further/prior education

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|--------------------------------|-------------------------------|
| Accountant | Investment Systems Specialist |
| Actuarial Analyst | Investment Advisor |
| Air Traffic Controller | Logistics Specialist |
| Applications Specialist | Math Curriculum Developer |
| Astronomer | Mathematician |
| Banker | Market Research Analyst |
| Bioinformatics Scientist | Meteorologist |
| Biometrician | Numerical Analyst |
| Biostatistician | Operations Research Analyst |
| Business Systems Analyst | Quality Assurance Specialist |
| Computer Engineer | Quantitative Analyst |
| Computer Programmer | Physicist |
| Computer Scientist | Psychometrician |
| Cost Estimator/Analyst | Professor |
| Consultant | Risk and Insurance Specialist |
| Consumer Loan Officer | Software Developer |
| Cryptologist | Statistician |
| Database Administrator | Systems Analyst |
| Data Scientist | Technical Support Analyst |
| Demographer | Underwriter |
| Economist | |
| Estate Planner | |
| Financial Advisor | |
| Information Systems Specialist | |



Degree Specific Skills

- Ability to Understand Complex Concepts
- Administration of Scientific Tests
- Analytical & Problem Solving Skills
- Attention to Detail
- Compiling & Organizing Information
- Critical Thinking Skills
- Deductive Reasoning
- Developing Mathematical Models
- Developing Research Models
- Documentation Skills & Report Writing
- Gathering and Analyzing Large Datasets
- Mathematical & Statistical Technology Skills
- Numerical Computation
- Observation Skills
- Oral & Written Communication Skills
- Performing Calculations
- Quantitative Skills
- Statistical Analysis
- Teamwork



Brock Competencies

The knowledge, skills and attributes that students develop through their curricular and co-curricular experiences and reflection.

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|------------------|----------------------------|--------------------------------|
| Act Innovatively | Collaborate Effectively | Practice Intercultural Fluency |
| Apply Knowledge | Communicate Effectively | Surgite! |
| Be Curious | Engage with Your Community | Think Critically |
| | Know Yourself | |

Career & Job Search Resources

Brock University CareerZone
careerzone.brocku.ca

Indeed
ca.indeed.com

Job Bank
jobbank.gc.ca

LinkedIn
linkedin.ca

TalentEgg
talentegg.ca

Math Jobs: Jobs for
Mathematicians
mathjobs.org

Math Jobs
[all-acad.com/Jobs/
Mathematics_Statistics](http://all-acad.com/Jobs/Mathematics_Statistics)

Society for Industrial
Applied Mathematics
siam.org/careers

The World of Math
Online: Jobs
jobs.math.com



Professional Associations

Association for Women in
Mathematics
awm-math.org

Canadian Mathematical Society
cms.math.ca

Canadian Applied and Industrial
Mathematics Society
caims.ca

Canadian Economics
Association
economics.ca

International Mathematical
Union (IMU)
mathunion.org

National Council of Teachers
of Mathematics
nctm.org

The Fields Institute for
Research in Mathematical
Sciences
fields.utoronto.ca

Statistical Society of Canada
ssc.ca



Experience More

Brock University Ten Thousand
Coffees Alumni Mentorship Program
brocku.tenthousandcoffees.com/signup

Brock University Volunteer
Association (BUVA)
[experiencebu.brocku.ca/organization/
buva](http://experiencebu.brocku.ca/organization/buva)

CareerZone Student Resources
careerzone.brocku.ca > Student
Resources

ExperienceBU
experiencebu.brocku.ca

Experiential Learning Courses at
Brock
[brocku.ca/ccee/experiential-education/
experiential-learning-courses-at-brock](http://brocku.ca/ccee/experiential-education/experiential-learning-courses-at-brock)

Going Global
*accessed through CareerZone
careerzone.brocku.ca

INCommunities: Niagara's
Volunteer Centre
niagara.cioc.ca/volunteer

Ontario Internship Program
internship.gov.on.ca

Ontario Volunteer Centre
Network
ovcn.ca

Volunteer Canada
volunteer.ca

Further Education & Entrance Exams

Brock University Graduate Studies
brocku.ca/graduate-studies

Canadian Universities and Colleges
canadian-universities.net

Graduate School Guide (US & CA)
graduateguide.com

Kaplan Test Prep and Admissions
kaptest.com

The Princeton Review
princetonreview.com

School Finder
schoolfinder.com

 BrockCareerZone

 BrockCareerZone

 careerzone.brocku.ca

 CareerZone Blog

Brock
University

Co-op, Career &
Experiential Education