

Transition to University Presenters (in order of presentations):

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Session Host: Monica G. Cojocaru, Ph. D. (PIC member, parent,
Prof. Mathematics at UoG)

Transition to university is big...

First year is an adjustment, so most things begin in the summer.

(Summer = May – August)

Universities are resourced for student success.

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Succeeding at transitioning...

- **Check email regularly after acceptance**
 - Email applied with and email provided by university.
- **Use the summer to prepare**
 - Most universities have summer programming and communication. A chance to learn about resources!
 - U of G: online transition for 20+ years: www.startonline.ca | start@uoguelph.ca | 1-1 Appointments
 - Then, **Orientation Week**
- **Look for summer deadlines:**
 - **Course selection**..... *Fall courses are picked in summer*
 - **Accessibility accommodations**... *Set up in summer*
 - **Living in Residence**... *Application & Deposit*
 - **Finances**.... *Deposits & tuition*

Succeeding at transitioning...

- **Have conversations now**

Interests & Passions | Goals | Support through challenges | Finances | Living
Making connections and friends | Parental expectations

- **Encourage independent help-seeking**

Two reasons:

- FIPPA: universities will respond to students
- Supporting students in growing into young adults
 - Supporting your student in advocating for themselves.
 - Encourage them to initiate connection with resources.
 - A change: Independent learning = asking for help is up to the student.

- **Check out U of G's Parent Guide:**

<https://www.uoguelph.ca/studentexperience/parent-guide-2020-2021>

Applying to University

**Track status of
application on OUAC.**

**Respond to an offer of
admission on OUAC.**

**Accepting an offer
converts an applicant
to a student!**

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central login, course selection, support systems, academic & non-academic programming, etc.

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Course Selection

All students select Fall courses in July & Winter courses in November.

Registration Guide for New Students:

- **WHAT** courses to register for
- **HOW** to select sections/create a preferred schedule on WebAdvisor.
- Example of guide at www.uoguelph.ca/registrar/undergraduate/registrationhandbook/index

Academic Advising and Support

Undergraduate Academic Information Centre

**Information, not
advising;** resource centre,
assessment & referral

www.uoguelph.ca/uaic

Program Counsellors

**Professional staff, linked to
degree programs;** expertise
in degree program
requirements & university
policies & procedures

Faculty Advisors

**Discipline specific faculty in
departments, linked to
specializations** (i.e. Majors,
Minors, Areas of
Concentration)

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*Best resource: Undergraduate Calendar at
[uoguelph.ca/registrar/calendars/undergraduate/current/c07/index.
shtml](http://uoguelph.ca/registrar/calendars/undergraduate/current/c07/index.shtml)*

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Academic Advising and Support

Academic support programming is extensive & accessible. Examples include things like:

**Academic
Orientation
Events**

**Discipline
Specific
Help
Rooms**

**Supported
Learning
Groups**

**Academic
Skill
Workshops**

**Learning Skill
Workshops**

**Career
Services**

An overview of the types of Academic Support is at uoguelph.ca/uaic/academicsupport

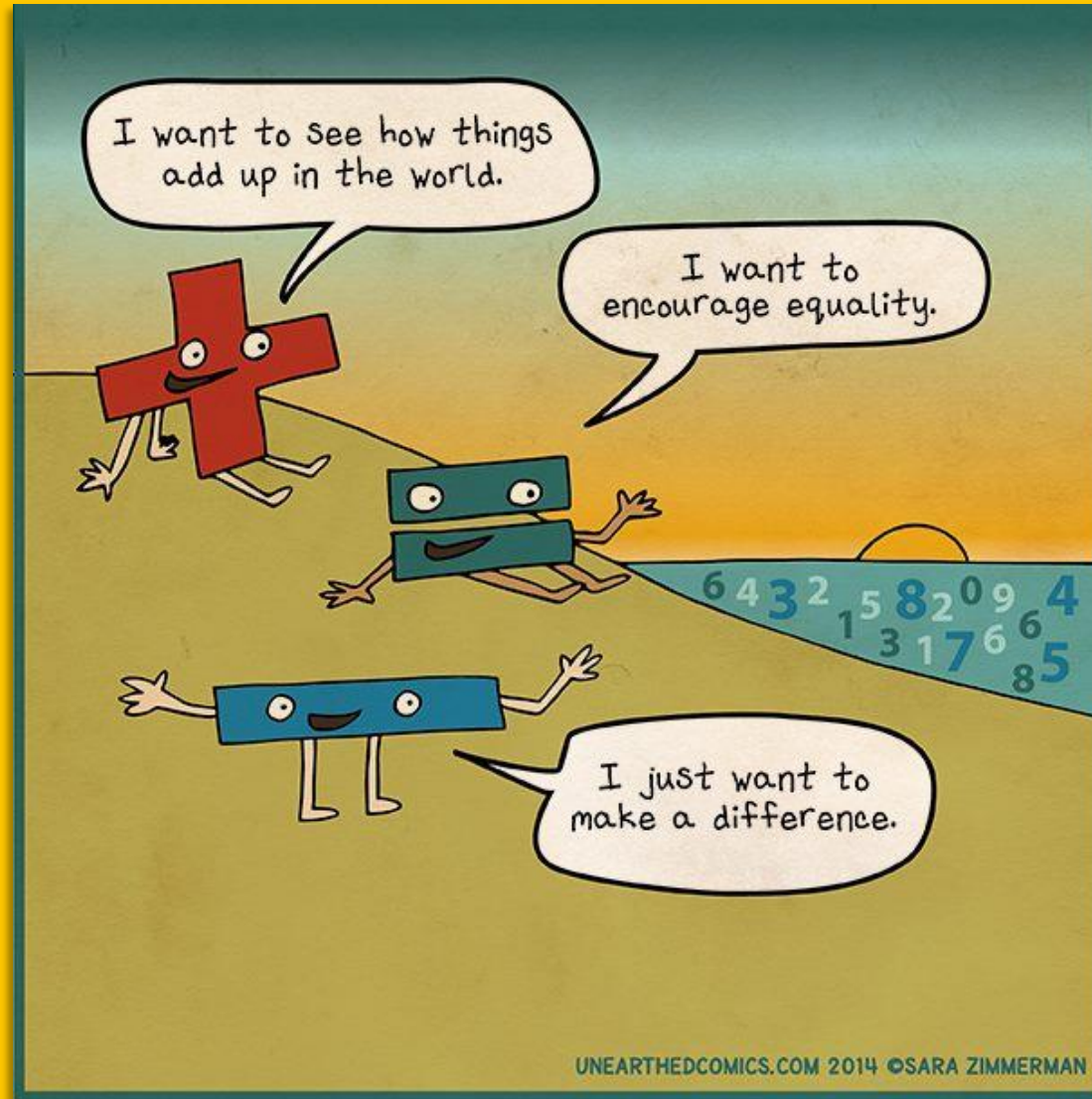
Encourage students to believe that asking for help is a sign of strength!

Encourage students to get to know the UAIC, their Professors, TAs, Program Counsellor and Faculty Advisor(s) before they NEED to know them. We ALL want to help them to succeed.

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Why mathematics or statistics?

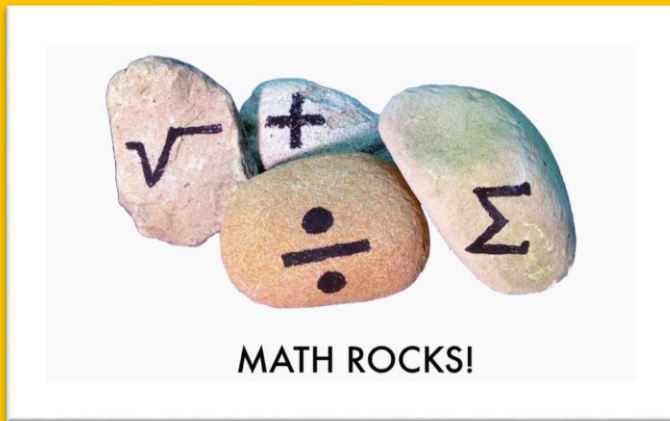


Widespread applications in today's world ("big data", COVID research, and more)

A diverse number of potential career paths, and development of skills relevant to a whole lot more.

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So what does the first year of a math program look like?

At Guelph, first semester for Mathematical Science majors includes:

(Honours) B.Sc: Calculus, Linear Algebra, Biology, Chemistry and Physics

(Honours) B.A: Calculus, Linear Algebra, and three electives

Then choose Math or Stats, and an area of emphasis after first year. The program is structured so that customization and changing majors is very easy!

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How about first year math courses?

First semester is all about getting everyone on the same page.

Many familiar topics to start: “Plenty of review... then something new!”

Your profs and TAs *want* to hear from you, communicate with you, and help you succeed. (You are not “just a number” at Guelph.)

**Support is available: The Math & Stats Learning Centre;
TAG (Tutoring at Guelph);
Our smaller program comes with benefits;
Flexible environment in the face of COVID-19.**

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“There are no jobs listed under “mathematician” = so there are no jobs !”

Where our graduates work:

Banking industry (risk analysts and forecast analysts)

Consumer market analysts – computational models of consumer behaviour

Modelling & analysts in pharma and biotech companies

Data analysis & modelling in Public Health/Institutes/government

Law, medical schools (jumping board 1st degree)

Teaching (both schools and university levels)

Social engineering companies, telecommunications (analysts)

Actuarial science degrees and Financial Mathematics specializations

(jumping board 1st degree)

R&D in industry or academia (Researchers, R&D team leaders and faculty)

AI modelling and R&D: companies & Institutes