



Student Life 101

**Math Faculty
Presentations:**

Computer Science & CFM Programs - AL116

**Math Business, Accounting & FARM Programs -
DC1351**

Honours Math Programs - MC2065, MC2066



Student Life 101

Honours Math Programs

Riley Metzger

**Director of First Year Studies,
Math**

Saturday July 24th 2010,

Welcome and Congratulations!

- **Over 1,500 first-year students**
- **Among the best in the**



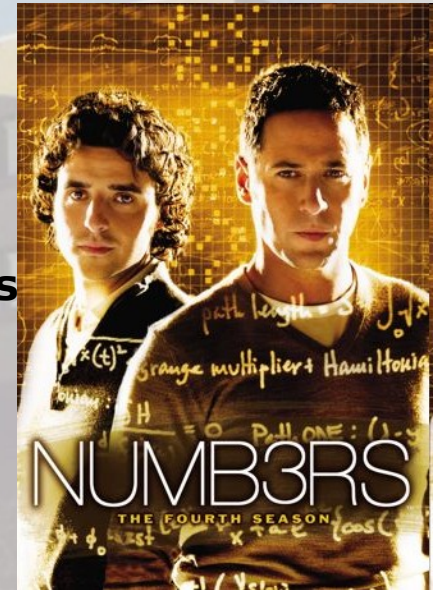
The Faculty of Mathematics

Consists of five units:

- **Applied Mathematics**
- **Combinatorics & Optimization**
- **Pure Mathematics**
- **Statistics & Actuarial Science**
- **Computer Science**

Plans Available in the Math Faculty

- Actuarial Science
- Applied Mathematics
- Combinatorics & Optimization
- Computational Mathematics
- Mathematical Physics
- Operations Research
- Pure Mathematics
- Statistics
- Statistics for Health
- Teaching Option (Math - UW, Education - Queen's)
- Bioinformatics
- Computing and Financial Management
- Computer Science
- Bus. Admin. (WLU) & CS (UW) Double-Degree
- Software Engineering
- Bus. Admin. (WLU) & Math (UW) Double-Degree
- Bus. Admin. (WLU) & CS (UW) Double-Degree
- Business Administration
- Chartered Accountancy
- Financial Analysis and Risk Management
- Information Technology Management
- Mathematical Economics



Your Classes this September

You have selected 2 Math courses:

Algebra: MATH 135 or MATH 145

Calculus: MATH 137 or MATH 147

And 1 Computer Science course:

CS 115 or CS 135 or CS 145

Plus Two Non-Math Courses:



Transfer Credits

You can accept at most 1.5 credits of transfer courses.

To decline a transfer credit you will need to fill out a form with the registrars office in September.

Math Transfer Credits

Some students have received a transfer credit for calculus.

Such students can decide to:

- 1. Accept and take MATH 138**
- 2. Decline and take MATH 137 or MATH 147.**

A Math 1XX transfer credit is a credit that can be applied towards your degree but is not equivalent to any of our courses.

Course Changes!

**For changes to your core math courses after July 25th,
please contact:**

The Math Undergrad Office

MC 4022 (closed today)

Phone: (519) 888-4567 ext. 33905

Fax: (519) 885-6454

Email: mathuo@uwaterloo.ca

University Academics

- Highschool versus University



- Problems and Solutions

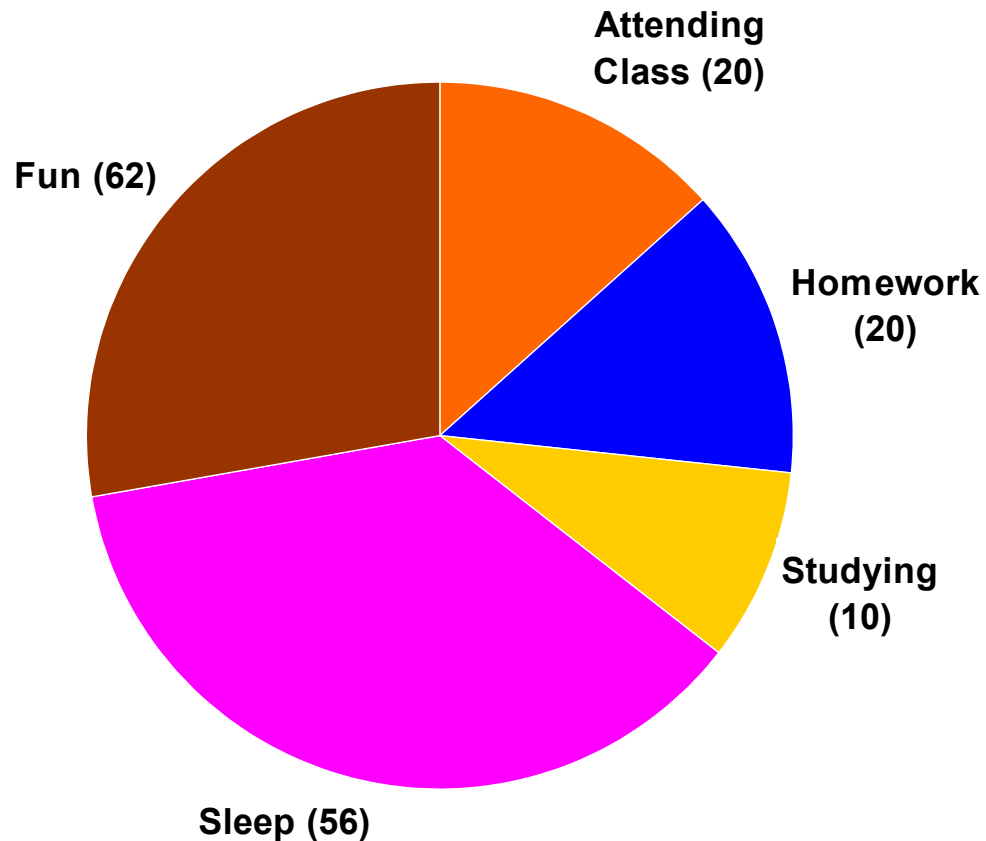
- Quick Advice



Highschool vs University

	High school	University
Class time	30 hours/week	15 hours/week
Class size	30	100
Learning environment	More controlled, can learn mostly in class	Requires more work outside of class from various sources
Class average	85%	70%

University Time Commitment (hours per week)



The Biggest Change...!

- **No report cards go home...**
- **No one will watch over your shoulder ...**
- **We can't talk to your parents about you or your grades...**

This Means...

You are responsible
for getting the help
you need.



So keep in contact with your parents
and loved ones and **be honest**; let
them know how things are going.

Look for help by talking to an **Advisor...**

Problems and Solutions

**University can be overwhelming.
To help you on your journey the
math faculty has a number of
academic advisors.**

**Academic advisors are your
gateway to success.**



Academic Difficulties

- **Instructors**
- **TAs, tutors**
- **Advisors**



Psychological Difficulties

- **Counseling Services: FREE!**

They have: Time management courses, 1-on-1 counseling, study skills workshops, etc.

**Come see an advisor
and we'll get you
there...**



Quick Canned Advice

- The following slides contain very simplistic advice that may help you.
- In general, **SEE AN ADVISOR** if you have any difficulties...



Recipe for Success

- **Effective time management**
- **Attendance!**
- **Begin early**
- **Budget time for:**
 - fun
 - sleep
 - exercise
 - social activities



Lesser of Two Evils



- **Drop or Fail...?**
- **A drop is “better” than a fail.**

Please see an advisor to discuss your options.



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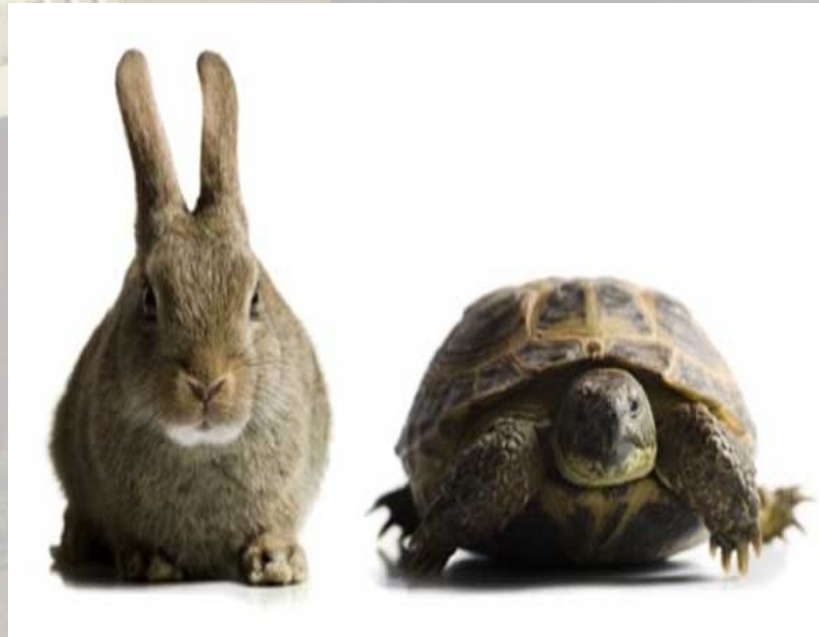


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SLOW DOWN!!!!



- In many plans (**see your advisor**) there is no rule stating you have to have 5 courses a term.



Calculator Policy



Calculators allowed on tests and exams:

SHARP EL-531W

CASIO fx-300MS

TI-30X II (S or B)

(available at CampusTech & TechWorx)

Other calculators will be approved at the discretion of an advisor (the original instruction booklet is required).

Upcoming

- **English Language Proficiency Exam (ELPE)**
- **Math Readiness Test (MRT)**
- **...and some of today's math events!**

ELPE (Details)

Where: PAC (Physical Activities Complex)

When: Wednesday September 8
2 pm (students with last names A-L)
4 pm (students with last names M-Z)

What you do: Write a 5-paragraph essay in 50 minutes, on a topic (revealed at beginning of test)

Sample topic: To what extent should scientists and engineers be responsible for the uses to which their discoveries are put?

MRT (Details)

Where, When: More information is available in your first Calculus class.

What you do: Write a 15 question math test.

Preparation:

1. **Getting up to speed: Math Resource Manual (available in MC 5181, \$20)**
2. **Starting in early August, an online Practice Test will be posted:**
 - You can write it as often as you'd like
 - Your login is your user id: i.e. rametzge
 - Your password is your id: i.e. 20202020
 - located at (no www): mapleta.uwaterloo.ca



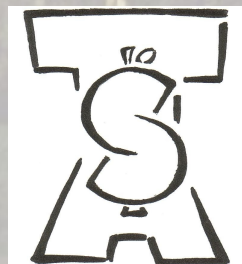
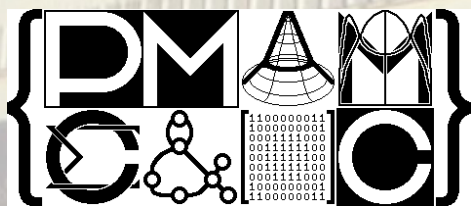
STUDENT LIFE

Student Clubs:

- Tell us about the activities you have been part of...?



MathSoc.Uwaterloo.ca



CS NEWS



?? Questions ??

- What do you wish you had known before you started University?
- What electives did you take in your first term?
What about ENGL 119?
- Should they buy a laptop?
- What aspects of university life did you find hardest to adjust to?



?? Questions ??

Today!

Where: 3rd Floor Math and Computer building

What you can do:

- 1. Buy a calculator; resource manual.**
- 2. Go on a tour of the faculty.**
- 3. See club advertisements.**