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

Computer Science and CFM

Martin Karsten

Director of First Year Studies, CS

Saturday July 24th 2010,

10:30am-11:30am

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**
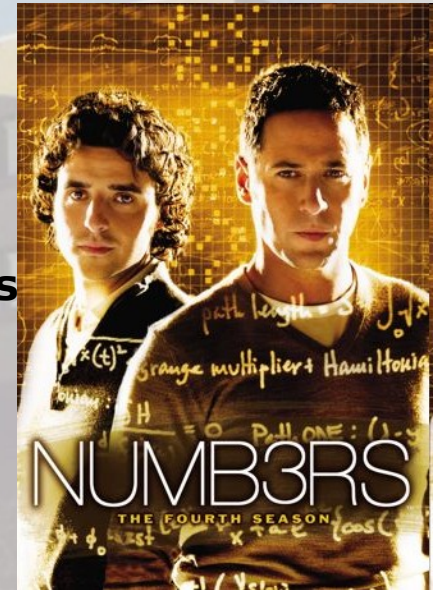
Your Classes this September

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:

Accounting

Fine Art

Legal Studies

Slavic Languages

Environmental Studies

Music

Γρεεκ

Drama

Anthropology

Physics

Spanish Latin American Studies

Earth Sciences

Religious Studies

Philosophy

Peace & Conflict Studies

Recreation

Psychology

Francois

GERMANIC & SLAVIC STUDIES

Chemistry Waterloo

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

- **High School versus Univers**

- **Problems and Solutions**

- **Quick Advice**

High School 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)

- Attending Class (20)
- Homework (20)
- Studying (10)
- Sleep (56)
- Fun (62)
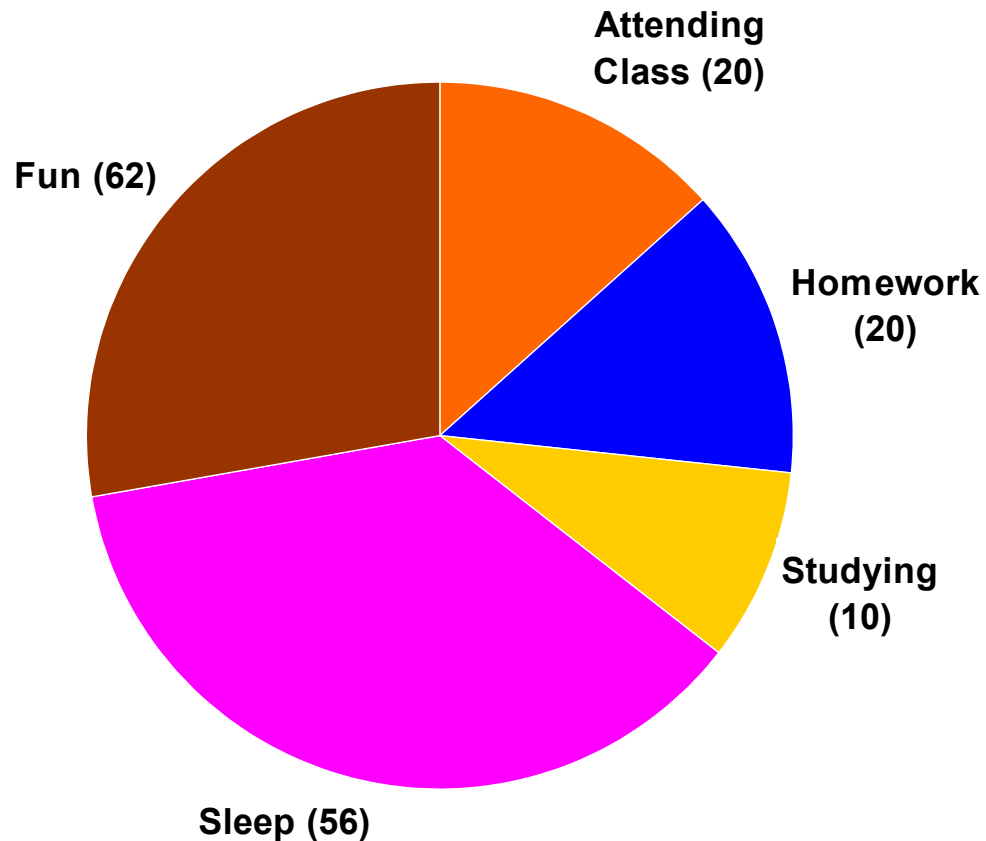
The Biggest Change...!

- **No report cards go home...**

- **No one will watch over your shoulder ...**

- **We are not legally permitted to talk to your parents about you...**

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 help.

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 adviso[r] 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.

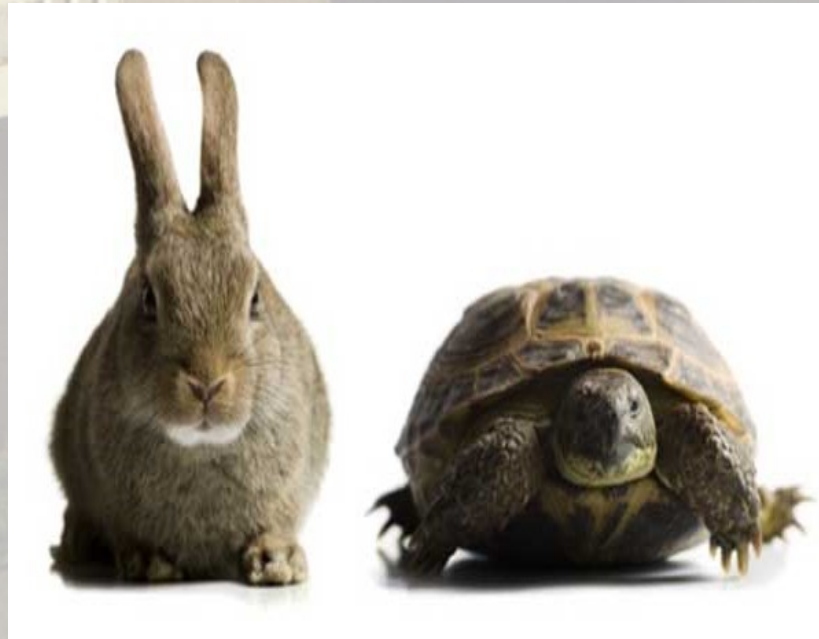**Please see an advisor to discuss your options.**

 < ?
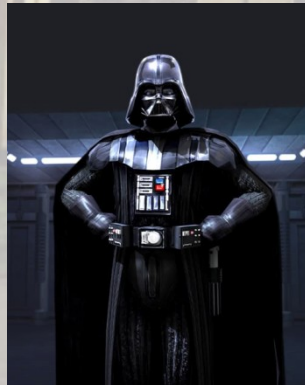
SLOW DOWN!!!!

- **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 Profficiency 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
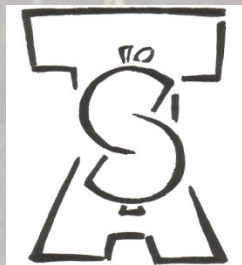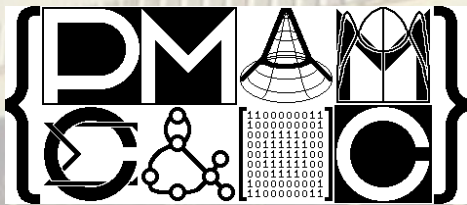   - located at (no www): mapleta.uwaterloo.ca
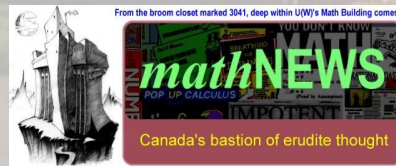
STUDENT LIFE

Student Clubs:

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

WICS
(Mentoring Program)

Goal:

To pair up first year female Computer Science students with an upper year female Computer Science student to make the transition into university campus life and study easier

See: http://www.cs.uwaterloo.ca/~wics/

?? 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.**
2. **Go on a tour of the faculty.**
3. **See club advertisements.**