McGill University
Department of Mathematics and Statistics
Undergraduate Orientation
Fall 2023
Presenters

- Rustum Choksi, Chair
- Armel Kelome, Chief Advisor
- Lori Hurdle, Undergraduate Program Administrator
- Angela White, Undergraduate Program Coordinator
- Sidney Trudeau, Faculty Lecturer & Math & Stat HelpDesk
- Alia Sajjad, Faculty Lecturer & Math & Stat HelpDesk
- April Colosimo, Librarian, Schulich Library of Physical Sciences, Life Sciences and Engineering
- Rosalie Belanger-Rioux, Outreach & Wellness Advisor
- Fanny Gutierrez-Meyers, Local Wellness Advisor (Faculty of Science)
- Shereen Elaidi, Mathematics and Statistics working towards a PhD.
- Zachary Horton, Honours Mathematics, Year 3 working towards a B.Science
- Marc Mekhanik, Mathematics and Statistics working towards a PhD.
- Laurine Aldairy, President of SUMS
Presenter

Rustum Choksi
Chair
The department of Mathematics and Statistics offers various undergraduate major programs through three faculties.

- Faculty of Arts
- Faculty of Management
- Faculty of Science
Faculty of Arts

- Major concentration in Mathematics (36 cr)
- Major concentration in Statistics (36 cr)
- Joint Honours Mathematics and Computer Science (78 cr)
- Joint Honours component in Mathematics (36 cr)
- Honours Mathematics (63 cr)
- Honours Applied Mathematics (63 cr)
- Honours Probability and Statistics (63 cr)
- Minor concentration in Mathematics (18 cr)
- Minor concentration in Statistics (18 cr)
- Supplementary Minor Concentration in Mathematics (18 cr)
- Supplementary Minor Concentration in Statistics (18 cr)

For more details please visit:

https://www.mcgill.ca/mathstat/undergraduate/programs/b
Faculty of Management

• Major concentration in Mathematics (72 cr)

For more details please visit:

Faculty of Science

• Major in Mathematics (54 cr)
• Major Statistics (54 cr)
• Liberal Program- CSC - Mathematics (45 cr)
• Liberal Program - CSC- Statistics (48 cr)
• Joint major in Maths and Computer Sciences (72 cr)
• Joint major in Statistics and Computer Sciences (72 cr)
• Honours in Mathematics (63 cr)
• Honours Applied Mathematics (63 cr)
• Honours Probability and Statistics (63 cr)
• Joint Honours Mathematics and Computer Science (78 cr)
• Joint honours Statistics and Computer Science (79 cr)
• Minor in Mathematics (24 cr)
• Minor in Statistics (24 cr)

For more details please visit: https://www.mcgill.ca/mathstat/undergraduate/programs/b-sc
MATH Related Programs

- Major Biology and Mathematics (76 cr)
- Major Physiology and Mathematics (79 cr)
- Honours Mathematics and Physics (81 cr)

For more details please visit:

https://www.mcgill.ca/mathstat/undergraduate/programs/b-sc/math-related-programs
Presenter

Lori Hurdle
Undergraduate Program Administrator
Resources & Important information

- **SUMS** - Society of Undergraduate Mathematics and Statistics Students. We encourage all students to sign up.  
  https://sumsmcgill.ca/

- **SURA** – Science Undergraduate Research Awards  
  https://www.mcgill.ca/mathstat/undergraduate/undergraduate-research/summer-research-awards/sura-science-undergraduate-research-awards

- **Transfer Credits**  
  - Arts Students – OASIS  
    https://www.mcgill.ca/oasis/  
  - Science Students – SOUSA  
    https://www.mcgill.ca/science/undergraduate/advice/sousa

- **ID Cards:**  
  https://www.mcgill.ca/student-records/personal-information/id

- **E-Calendar**  
  https://www.mcgill.ca/study/2022-2023/

- **Student Accessibility & Achievement**  
  https://www.mcgill.ca/access-achieve/

- Students must apply to graduate on Minerva

- Degree Audit: 2 terms before you graduate
How to contact us

https://www.mcgill.ca/mathstat/undergraduate/advising-and-orientation

Course Registration issues

• Please send an email to ugrad.mathstat@mcgill.ca. Students must use their McGill email address, include their McGill ID number, Program(Major/Minor), Term of course(s) and the CRNs of the lecture/lab/tutorial they are trying to register for.

Degree Evaluations

• These will be done by email only. Please send an email to lori.hurdle@mcgill.ca from your McGill email address with the following information:
  - your McGill ID number
  - list of courses you are using for double-counting (if applicable)
  - Computer Science students (major/minor): a degree audit from your Department (attach to email - do not send a separate email)

Appointments for general advising

• Students can now book appointments through MSBookings with either Prof. Kelome or Lori Hurdle. You can only view and book appointments 7 days in advance. Please try again at a later date. Drop-in for general advising

• Fall Term Drop-in hours for general questions are available with Lori Hurdle on Tuesdays & Thursdays from 1-2pm in Burnside Hall, #1015.
Presenter

Angela White
Undergraduate Program Coordinator
Presenter

Sidney Trudeau
Faculty Lecturer & Math HelpDesk
Presenter

Alia Sajjad
Faculty Lecturer & Stat HelpDesk
Presenter

April Colosimo
Librarian, Schulich Library of Physical Sciences, Life Sciences and Engineering
Schulich Library of Physical Sciences, Life Sciences, and Engineering
Workshops & tours

www.mcgill.ca/library
Mathematics and Statistics
Find articles, books, and learning opportunities in mathematics and statistics

Welcome to the mathematics and statistics guide
This guide is a good place to start if you are new to using library services, or if you have a project or paper to complete. I am available for help if you would like to make an appointment. If you are here exploring resources in mathematics and statistics, be sure to check out the learn online and the textbooks section to find free courses and open textbooks that may be of interest.

If you can't find the full text of an article, you can use our Interlibrary Loan Service (ILL). ILL can also be used if a book that you want is not in the McGill Library collection, or the collection of another Quebec university library. The ILL system is integrated into the Library catalogue/Sofia Discovery tool. You can also email me (April) to suggest a purchase. We may be able to obtain a copy for the Library.

Looking for McGill Mathematics and Statistics?
What is a Local Wellness Advisor?

- A mental health professional in your faculty that promotes **Awareness, Prevention & Early Intervention**
- Resource-provider **in** your faculty **for** your faculty
- **Bridge to care** - Specialist in referring to resources on campus and in the community

You have access to more than one Local Wellness Advisor!
Fanny Gutierrez-Meyers

- Licensed social worker

- Provided mental health services in hospital, out-patient, school and higher education settings.

- Office: 774 in 2001 McGill College

- fanny.gutierrez-meyers@mcgill.ca
How to book an appointment with your LWA

https://www.mcgill.ca/lwa

Select timeslots that work for you

Book directly into your calendar and theirs!
Shereen Elaidi
Mathematics and Statistics
Study advice

- Realize that university-level math is different.
  - It is not memorizing and computations. It is about intuition, logical arguments, and creativity.
- You do not have to be a genius to succeed in math — you need to be interested in math, willing to work hard for it, and you have to believe in yourself.
- “Focus on your own derivative.”
  - Everyone came to McGill from a different starting point.
- Start homework and exam prep early.
- Math is a collaborative subject.
Degree advice

- Don’t close too many doors too early.
  - Expose yourself to industry internships and research internships.
  - Expose yourself to all parts of math: algebra, analysis, differential equations, probability, statistics, etc.
- Quality over quantity: try to take 4 courses at a time if financially possible.
Presenter

Zachary Horton
Honours Mathematics
Presenter

Marc Mekhanik
Mathematics and Statistics
Presenter

Laurine Aldairy
President of SUMS
What we do:

• Host social events for math students (Awkward Semi-Formal, beginning-of-year picnic)
• Run midterm/final review sessions for U1 math classes
• Send weekly listservs with information about events/opportunities relevant to math students
• Help with academic complaints (teachers not following academic guidelines, etc)
• Math merch! We run at least one clothing sale per year where you can order merch with your major or the pi-infinity logo

Useful info:

• [https://sumsmcgill.ca/sums-notesbank/](https://sumsmcgill.ca/sums-notesbank/)
  • Collection of notes from students for different math classes at mcgill
• [SUMS McGill Facebook Group](https://www.facebook.com/groups/sumsmcgill/)
  • Where we post about upcoming events hosted by us and/or Diversity in Math
• [sums.mcgill@gmail.com](mailto:sums.mcgill@gmail.com)
  • For contacting us with any questions or requests
• [SUMS Discord Server](https://discord.gg/sums)
  • Less active now than in 2021, place for interacting with other math students while 1B20 is closed, asking questions about classes or textbooks, etc.
• [McGill Diversity in Math](https://www.diversityinmath.mcgill.ca/)
  • Separate organisation that hosts weekly study sessions and math-related movie nights/Q&As