




CMS STREAMS PANELIST SESSION

Organized by CMS Clubs

- What are the various CMS Streams?
 - Changes as a student
 - Identify which one will be the best fit for you
 - Q&A
- 

NOTE

- POSt Admission Requirements have not been out yet
- Expected to be out by mid-November

What is POST?

- Program of Study
Choice of Specialist, Major and/or Minor program(s) applied to after your first year based on a set requirement of courses and criteria (2020-21 POST requirements are not out yet – expected by Mid-November).
- Two kinds of programs:
 - Unlimited Subject POST - has no enrolment specifications and can be added on ROSI at any time.
 - Limited enrolment Subject POST - at specific times, students compete for a place on the basis of courses, grades and, sometimes, other criteria. Students apply for these Subject POSTs by the deadlines.
- All CMS streams (except the Statistics minor) are Limited Programs

Programs

Minor	Major	Specialist
<ul style="list-style-type: none">• 4.0 credits• 8 courses	<ul style="list-style-type: none">• 8.0 - 8.5 credits• 16-17 courses	<ul style="list-style-type: none">• 3.0 - 14.5 credits• Writing Requirement• <u>Computer Science</u> 18 core courses + 9-11 stream courses• <u>Mathematics or Statistics</u> 15 core courses, 11-13 stream courses

CMS STREAMS & COMBINATION PROGRAMS



CMS Streams

Computer Science	Mathematics	Statistics
<ul style="list-style-type: none">• Minor• Major [+ Coop]• Specialist [+ Coop]<ul style="list-style-type: none">• Comprehensive• Entrepreneurship• Information Systems• Software Engineering	<ul style="list-style-type: none">• Major [+ Coop]• Specialist [+ Coop]<ul style="list-style-type: none">• Comprehensive• Statistics• Teaching	<ul style="list-style-type: none">• Minor• Major [+ Coop]• Specialist [+ Coop]<ul style="list-style-type: none">• Statistical Machine Learning and Data Science• Quantitative Finance

Specialist Streams

Computer Science

- **Comprehensive Stream**

Broad and balanced exposure to the discipline; students planning to pursue graduate studies

- **Software Engineering**

Emphasis on the engineering side of the discipline; computer systems/core applications

- **Information Systems**

Software Engineering Stream; additional exposure to certain aspects of business management

- **Entrepreneurship Stream**

Software engineering; exposing students to the framework and methodologies that underlie the development of innovative technology ideas into viable commercial opportunities. (Mix of Software engineering + Entrepreneurship)

Specialist Streams

Mathematics

- **Comprehensive Stream**
broad and balanced exposure to the discipline; students planning to pursue graduate studies
- **Statistics Stream**
greater exposure to statistics; careers in industry, or for graduate study in certain mathematically-oriented subjects, including statistics and financial mathematics
- **Teaching Stream**
intended for students with a serious interest in mathematics but whose career objectives lie in mathematics education at the elementary or secondary level

Specialist Streams

Statistics

- **Quantitative Finance**
computational, mathematical and statistical techniques associated with modern day finance; mathematical models that underlie financial modeling and the ability to implement these models in practical settings
- **Statistical Machine Learning and Data Science**
applications of statistical theory and concepts to the discovery of patterns in data; wide applications in science and technology (computer vision, image understanding, natural language processing, medical diagnosis, and stock market analysis...)

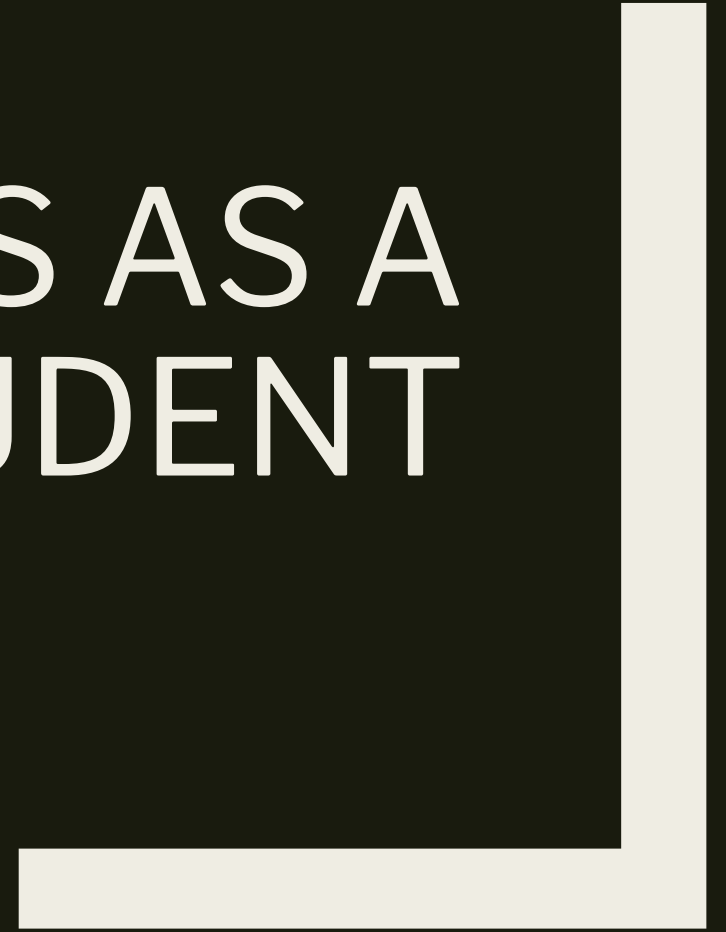
Combination Programs

- Specialist (2)
- Specialist (1) + Major (1)
- Specialist (1) + Major (1) + Minor (1)
- Specialist + Minor (1-2)
- Major (1-3)
- Major (1) + Minor (1-2)
- Major (2) + Minor (1)

Not Allowed:

- CMS Program + Computer Science Minor
(will be able to enroll, but not graduate with)

CHANGES AS A STUDENT



Program Required Courses

- Usually restricted to CMS POST Admission or 3.5+ cGPA [depending on course!] (3.5 cGPA is the requirement for this year, may change for the next one!)
- Remember course prerequisites!
- **Search:**
<https://utsc.calendar.utoronto.ca/>[specialist, major, minor]-[program](#)-[computer-science, mathematics, statistics]-[science](#)
- **If with Coop:**
<https://utsc.calendar.utoronto.ca/>[specialist, major]-[co-operative-program](#)-[computer-science, mathematics, statistics]-[science](#)

Breadth Requirements

- **Arts, Literature and Language**
(Writing Requirement) *

* It is recommended that this requirement be satisfied by the end of the second year.

- **Natural Sciences**
- **History, Philosophy, and Cultural Studies**
- **Quantitative Reasoning**
- covered by CMS Courses
- **Social and Behavioral Sciences**
- More Info At:
<https://utsc.utoronto.ca/aacc/breadth-requirements>

Program Fees(*)

- Note: Coop has additional fees!
- More info at:

<https://www.utsc.utoronto.ca/registrar/program-fees>

- **Regulated: Mathematics, Statistics, Computer Science Minor**
 - Regulated by government, standard fees
- **Deregulated: Computer Science (Major & Specialist)**
 - Regulated by University
 - Program Fees (4+ courses) vs Per Course Fees (3- courses)

** Please research the given links or visit the Registrar's Office for more accurate info.
These are approx. and estimated numbers; fees will often depend on a student's situation.
These are estimates for domestic students*

HELLO PANELISTS!

Q&A Session

