This chart is a list of some plans starting in first year within the Faculty of Mathematics with their required non-math courses. Use this as a reference and guide to selecting your non-math/elective course(s). For a complete listing of all courses offered, please refer to the Undergraduate Calendar.

### PLAN NAME  |  FIRST-YEAR NON-MATH COURSES  
---|---
**COMPUTER SCIENCE**  |  A Communication course, and any other non-math course for your 1A and 1B terms. Typically EMLS 102R /or 101R taken in your first term/1A.
**MATHEMATICS**  |  A Communication course, and any other non-math course for your 1A and 1B terms. Typically EMLS 102R /or 101R taken in your first term/1A.

**At the end of first year within MATHEMATICS you will choose/declare a major:**
- Actuarial Science
- Applied Mathematics
- Combinatorics and Optimization
- Computational Mathematics
- Mathematical Economics
- Mathematical Finance
- Mathematical Optimization
- Mathematical Physics
- Mathematical Studies
- Pure Mathematics
- Statistics
- Statistics for Health

At the end of first year you will choose a major.

Review the 2A plans chart for the popular plans available to you beginning in 2A.
Select your non-math courses from the suggested list of courses for plans starting in 2A.
For a complete listing of all courses offered, please refer to the Undergraduate Calendar.

**MATHEMATICS /BUSINESS**  |  A Communication course and one of: BUS 111W, ECON 101, 102 and AFM 101 are taken in both your 1A and 1B terms. Typically EMLS 102R /or 101R taken in your first term/1A.

**MATHEMATICS /FINANCIAL**  |  A Communication course and one of: BUS 111W, ECON 101, 102 and AFM 101 are taken in both your 1A and 1B terms. Typically EMLS 102R /or 101R taken in your first term 1A.

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**Plans chart for plans starting in 2A**  [https://uwaterloo.ca/new-math-students/course-selection/plans-chart-plans-starting-2a]

**Communication Skills** courses  [https://uwaterloo.ca/math/current-undergraduates/communication-skills]

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