

SAMPLE MATHEMATICS (CMPT) FOUR-YEAR CURRICULUM
Total Credits: 124

FIRST YEAR		SOPHOMORE YEAR		JUNIOR YEAR		SENIOR YEAR	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
WR or University Seminar	University Seminar**	MATH 20610 - Linear Algebra	MATH 20630 - Introduction to Math Reasoning	MATH 30710 - Algebra	MATH 30750 - Real Analysis	Math Elective*	Math Elective*
MATH 10550	MATH 10560	MATH 20550 - Calculus 3	MATH 20750 - Ordinary Diff. Eqns	Math Elective*	Math Elective*	Math Elective*	CSE Elective***
CHEM 10171	CHEM 10172 OR 10122	CSE 20211 - Fund of Computing I	Foreign Language	Foreign Language	Philosophy or Theology	CSE Elective***	Math Elective
University Requirement	University Requirement	Foreign Language	CSE 20212 - Fund of Computing II	MATH 30210- Intro to Op. Research	Literature or Fine Arts	Elective	Elective
PHYS 10310	PHYS 10320	Science Elective	Philosophy or Theology	CSE Elective***	CSE Elective***	Elective	
First Year Experience	First Year Experience						

*One of these math electives must be at the 4xxx level

** The required University Seminar course will satisfy one university requirement (history, social science, fine arts, literature, theology, or philosophy). This course will NOT satisfy a major requirement.

***CSE Electives must come from one of 4 sequences: Software design option, theory option, theory and compilers option, or computer architecture option. Note also that the ordering of the required math courses can be modified somewhat, check pre-requisite listings online to see alternate orderings.