B.Sc. or B.A. Specialization in Pure and Applied Mathematics

Suggested Curriculum

Academic year 2025-2026

Required courses: 60 credits

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
MAST 218[3]	MAST 219[3]	MATH 364[3]	MATH 365[3]	MATH 464[3]	DEPT 400[3]**
MATH 251[3]	MATH 252[3]	MATH 369[3]	MATH 366[3]	DEPT 400[3]**	DEPT 400[3]**
STAT 249[3]	STAT 250[3]	MATH 370[3]	DEPT 300/400[3]*	DEPT 400[3]**	
MATH 222[3]		DEPT 300/400[3]*	DEPT 300/400[3]*		

Electives: 24 credits (with at least 18 other than MATH/STAT) + 6 credits of General Education = 30 credits

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* 9 credits chosen from any other MACF/MAST/MATH/STAT courses at the 300 or 400-level. [see suggested streams below]
** 12 credits chosen from any other MACF/MATH/STAT courses at the 400-level. [see suggested streams below]

Do not take BTM 200, DESC 200 or INTE 290. They are not credited for students enrolled in Mathematics programs. BSc students do not take CHEM 208.

Algebra and Number Theory Stream (recommended DEPT electives)
* MATH 392
** MATH 470; MATH 471; MATH 472

Analysis and Geometry Stream (recommended DEPT electives)
* or ** MATH 466; MATH 467; MATH 473; MATH 474; MATH 475; MATH 478; MATH 479; MATH 480; MATH 494
Additional suggestion: MATH 222 should be taken in the first year of the program

Applied and Computational Mathematics Stream (recommended DEPT electives)
* MAST 331; MAST 324; MAST 334
** MATH 473; MATH 474; MATH 475; MATH 478; MATH 479; MATH 494
Additional suggestions: MAST 232; STAT 280; MAST 333; MAST 387; STAT 380; STAT 385