

MATH4320 : Modern Algebra I

The similarities between the algebraic structures arising in the study of number systems, modular arithmetic and polynomial operations will be used to introduce the study of groups, rings, fields, and their mapping. These structures will be applied to number theoretic and geometric problems.

Credits 4

Prerequisites

[MATH3310](#) or [MATH3320](#) , or instructor's approval.

Semester Offered

Alternate years.