MATH 570. HIGHER ALGEBRA 1.

Credits: 4

Offered by: Mathematics and Statistics (Faculty of Science)

Terms offered: Fall 2025

View offerings for Fall 2025 in Visual Schedule Builder.

Description

Free groups and free products of groups. Categories and functors. Universal properties and adjoint functors. Limits. Introduction to commutative algebra. Tensor products. Localization. Noetherian rings and Hilbert's basis theorem. Hilbert's Nullstellensatz.

- Fall
- Prerequisite: MATH 456 or permission of the instructor.

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