

MAST 699 (MAST 833), Sec. C
Topics in Algebra
Winter 2019

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Office Hours: By appointment.

Class Schedule: Mondays & Wednesdays, 9:30-11:00 AM.

Textbook: No textbook.

Topics: This course is an introduction to p -adic modular forms. We will study the modular curves from a p -adic, formal point of view, then canonical subgroups of elliptic curves over p -adic rings, vector bundles with marked sections on formal schemes and finally define overconvergent modular sheaves and overconvergent modular forms.

Academic Integrity and the Academic Code of Conduct

This course is governed by Concordia University's policies on Academic Integrity and the Academic Code of Conduct as set forth in the Undergraduate Calendar and the Graduate Calendar. Students are expected to familiarize themselves with these policies and conduct themselves accordingly. "Concordia University has several resources available to students to better understand and uphold academic integrity. Concordia's website on academic integrity can be found at the following address, which also includes links to each Faculty and the School of Graduate Studies: concordia.ca/students/academic-integrity." [*Undergraduate Calendar, Sec 17.10.2*]