## Department of Mathematics & Statistics Concordia University

## MAST 699 (MAST 833), Sec. A

Topics in Algebra Fall 2019

**Instructor:** Dr. A. Iovita, Office: LB 927-5, Phone: (514) 848-2424, Ext. 3265

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**Office Hours:** By appointment.

Class Schedule: Mondays & Wednesdays, 8:30-10:00 AM.

**Textbook:** No textbook.

**Topics:** This course will be an introduction to sheaf cohomology and Serre

duality. We will discuss various applications like the Riemann-Roch

theorem and the higher Hida theory.

## 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: <a href="mailto:concordia.ca/students/academic-integrity">concordia.ca/students/academic-integrity</a>." [Undergraduate Calendar, Sec 17.10.2]