

## SPRING 2022, Math 530: Algebraic Number Theory

**Instructor:** Alexandru Zaharescu

Office: 449 Altgeld Hall

Phone: 265-5439

E-mail: zaharesc@illinois.edu

**Lectures:** Tu -Th 9:30 - 10:50AM, 445 Altgeld Hall

**Office hours:** Zoom meetings, Mondays 11:00 AM - 2:00 PM.

Meeting ID : 382 863 8637

Password : 449496

<https://illinois.zoom.us/j/3828638637?pwd=ZUNXb0h2cEtnYzUxdFhBTGNrc2R0Zz09>

**Prerequisite:** MATH 500 or equivalent

**Final Exam:** 1:30-4:30 PM, Thursday, May 12.

**Grading Policy:** Comprehensive final exam: 40%; One midterm exam: 30%;  
Homework: 30%.

### **Recommended Textbook:**

Daniel A. Marcus, Number Fields, Springer-Verlag, 1987, NY.

We will discuss material from the first five chapters, and then, as time permits, present other selected topics.