

# Course Schedule - Fall 2004

## Mathematics

531 ***Analytic Theory of Numbers I*** Credit: 4 hours.

(MATH 453) Problems in number theory treated by methods of analysis; arithmetic functions, Dirichlet series, Riemann zeta function, L-functions, Dirichlet's theorem on primes in progressions, the prime number theorem.

Prerequisite: MATH 448 and either 417 or 453.

CRN	Type	Section	Time	Days	Location	Instructor
30823	lecture-discussion	D1	11:00 AM - 11:50 AM	MWF	room 443 Altgeld Hall	Zaharescu, A