

Course Schedule - Fall 2006

Mathematics

447 **Real Variables** credit: 3 or 4 hours.

Careful development of elementary real analysis including such topics as completeness property of the real number system; basic topological properties of n-dimensional space; convergence of numerical sequences and series of functions; properties of continuous functions; and basic theorems concerning differentiation and Riemann integration. 3 undergraduate hours. 3 or 4 graduate hours. 4 hours of credit requires approval of the instructor and completion of additional work of substance. Credit is not given for both MATH 447 and MATH 444. Prerequisite: MATH 241 (formerly MATH 243) or MATH 242, or equivalent; junior standing; MATH 347 or MATH 348, or equivalent experience; or consent of instructor.

This course satisfies the General Education Criteria for a Quant Reasoning II course.

CRN	Type	Section	Time	Days	Location	Instructor
32136	lecture-discussion	E13	01:00 PM - 01:50 PM	MWF	room 143 Altgeld Hall	Loeb, P
32136: Quant Reasoning II course.						
32136: 3 hours						
32137	lecture-discussion	E14	01:00 PM - 01:50 PM	MWF	room 143 Altgeld Hall	Loeb, P
32137: Quant Reasoning II course.						
32137: 4 hours Instructor Approval Required						
32138	lecture-discussion	N13	10:30 AM - 11:50 AM	TR	room 447 Altgeld Hall	Tumanov, A
32138: Quant Reasoning II course.						
32138: 3 hours						
32139	lecture-discussion	N14	10:30 AM - 11:50 AM	TR	room 447 Altgeld Hall	Tumanov, A
32139: Quant Reasoning II course.						
32139: 4 hours Instructor Approval Required						