

Course Schedule - Fall 2008

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 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	X13	12:00 PM - 12:50 PM	MWF	room 141 Altgeld Hall	Merenkov, S
32136: Quant Reasoning II course.						
32136: 3 hours						
32137	lecture-discussion	X14	12:00 PM - 12:50 PM	MWF	room 141 Altgeld Hall	Merenkov, S
32137: Quant Reasoning II course.						
32137: 4 hours Instructor Approval Required						