

# Course Schedule - Spring 2008

## Mathematics

347 **Fundamental Mathematics** credit: 3 hours.

Fundamental ideas used in many areas of mathematics. Topics will include: techniques of proof, mathematical induction, binomial coefficients, rational and irrational numbers, the least upper bound axiom for real numbers, and a rigorous treatment of convergence of sequences and series. This will be supplemented by the instructor from topics available in the various texts. Students will regularly write proofs emphasizing precise reasoning and clear exposition. Credit is not given for both MATH 347 and MATH 348. Prerequisite: MATH 231.

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

CRN	Type	Section	Time	Days	Location	Instructor
37894	lecture-discussion	C1	10:00 AM - 10:50 AM	MWF	room 143 Henry Administration Bldg	Ahlgren, S
37894: Quant Reasoning II course.						
37895	lecture-discussion	D1	11:00 AM - 11:50 AM	MWF	room 143 Henry Administration Bldg	Ahlgren, S
37895: Quant Reasoning II course.						
37896	lecture-discussion	F1	02:00 PM - 02:50 PM	MWF	room 341 Altgeld Hall	Lerman, E
37896: Quant Reasoning II course.						
37898	lecture-discussion	G1	03:00 PM - 03:50 PM	MWF	room 149 Henry Administration Bldg	Aramayona Delgado, J
37898: Quant Reasoning II course.						
37893	lecture-discussion	X1H	12:00 PM - 12:50 PM	MWF	room 154 Henry Administration Bldg	D'Angelo, J
37893: Quant Reasoning II course.						
37893: Departmental Approval RequiredRequires department approval.						