## Mathematics

**MATH 220  Calculus  credit: 5 hours.**

First course in calculus and analytic geometry; basic techniques of differentiation and integration with applications including curve sketching; antidifferentiation, the Riemann integral, fundamental theorem, exponential and trigonometric functions. Credit is not given for both MATH 220 and either MATH 221 or MATH 234. Prerequisite: MATH 016 or MATH 115; and an adequate ALEKS placement score.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning I

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
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Placement in this course requires a minimum score of 70% on a U of I ALEKS placement test taken between September 15, 2010 and January 24, 2011. For details see http://math.illinois.edu/ALEKS.

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Quant Reasoning I course.

Uses Mathematica courseware. See http://www.math.uiuc.edu/timetable/ for details. Placement in this course requires a minimum score of 70% on a U of I ALEKS placement test taken between September 15, 2010 and January 24, 2011. For details see http://math.illinois.edu/ALEKS.
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