Mathematics

MATH 241  **Calculus III**  credit: 4 hours.
Third course in calculus and analytic geometry including vector analysis: Euclidean space, partial differentiation, multiple integrals, line integrals and surface integrals, the integral theorems of vector calculus. Credit is not given for both MATH 241 and any of MATH 242, MATH 243, MATH 244, MATH 380. Prerequisite: MATH 231 (formerly MATH 230).

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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
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Quant Reasoning II course.

Departmental Approval Required
For Merit Workshop students only. Departmental approval required. For further information see [http://www.math.uiuc.edu/timetable/](http://www.math.uiuc.edu/timetable/)

<table>
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Quant Reasoning II course.
Restricted to Unit One, WIMSE, Intersections, and Global Crossroads living-learning communities.
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Quant Reasoning II course.  
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