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 MATH 292. Prerequisite: MATH 231.

Students must register for one discussion and one lecture section beginning with the same letter in Fall and Spring terms only. Engineering students must obtain a dean's approval to drop this course after the second week of instruction.

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

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<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
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Quantitative Reasoning II course.
For Unit One and other LLC students. Restricted to LEADS LLC, Global Crossroads, Honors LLC, Health Professions Lvl Lrn Comm, Intersections, Innovations LLC, Sustainability LLC, Unit One, Weston Explorer Program, or Women in Math/Science/Engr Prg students.

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Quantitative Reasoning II course.
This section is restricted to Mathematics majors.

Departmental Approval Required
Not intended for Graduate - Urbana-Champaign.

The is an honors section for students doing extremely well in Math 231 (A or A+ expected) who would enjoy a rigorous, abstract class in vector calculus. This class is not restricted by James Scholar status. It is open to students who are extremely good at mathematics and enjoy learning material beyond the basic syllabus. To place a request for approval, please fill out the form at https://go.math.illinois.edu/SP19Math241H