# 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. 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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Quant Reasoning II course.

For Merit Workshop students only. Departmental approval required. For further information see [http://www.math.uiuc.edu/timetable/](http://www.math.uiuc.edu/timetable/).
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**Quant Reasoning II course.**

For Unit One and other LLC students only. Restricted to Garner Leadership Program, Global Crossroads, Health Professions Lv Lrn Comm, Intersections, Innovations LLC, Sustainability LLC, Unit One, Weston Explorer Program, or Women in Math/Science/Engr Prg students.

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**Quant Reasoning II course.**

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**Quant Reasoning II course.**

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Quant Reasoning II course.
Not intended for Graduate - Urbana-Champaign.
Honors section. Grades of A in Math 220 (221) and Math 231 or score of 5 on AP calculus BC exam required. Not all qualified students will get seats in honors calculus, so freshmen should register for a regular section as a backup plan. The course will open to students with a 5 on AP Calculus BC at 9:00am on Friday, August 22.
Quant Reasoning II course. This section has a blended format which incorporates the use of technology in the form of online Mathematica-based assignments together with regular class discussions and small group work. There is no separate textbook required to take this course -- only an account ($79) in the Making Math system. Students will be given information about how to sign up for an account in Making Math after enrollment in the course.

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Quant Reasoning II course. Not intended for Graduate - Urbana-Champaign. Honors section. Grades of A in Math 220 (221) and Math 231 or score of 5 on AP calculus BC exam required. Not all qualified students will get seats in honors calculus, so freshmen should register for a regular section as a backup plan. The course will open to students with a 5 on AP Calculus BC at 9:00am on Friday, August 22.

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