MATHEMATICS: DATA OPTIMIZATION, BSLAS

for the degree of Bachelor of Science in Liberal Arts & Sciences Major in Mathematics, Data Optimization Concentration

**department website:** https://math.illinois.edu/
**department faculty:** Mathematics Faculty (https://math.illinois.edu/directory/faculty/)
**advising:** Math advising (https://math.illinois.edu/academics/undergraduate-program/undergraduate-advising/)
**overview of college admissions & requirements:** Liberal Arts & Sciences (http://catalog.illinois.edu/schools/las/academic-units/)
**college website:** https://las.illinois.edu/
**email:** mathadvising@illinois.edu

Mathematics is a broad discipline that contains a range of areas of specialization within it. The required core courses provide fundamental background for mathematics in general. The concentrations allow the student to broaden this background or begin to specialize. Students must complete the core courses and a concentration.

An entering student in mathematics should have academic preparation to enroll in MATH 220 (http://catalog.illinois.edu/search/?P=MATH%20220) during the first semester. Admission to MATH 220 (http://catalog.illinois.edu/search/?P=MATH%20220) requires an acceptable ALEKS score. A student should attain grades of B in calculus in order to complete the advanced courses successfully.

**Undergraduate programs in Mathematics**
Actuarial Science, BSLAS (http://catalog.illinois.edu/undergraduate/las/actuarial-science-bslas/)
Mathematics, BSLAS (http://catalog.illinois.edu/undergraduate/las/mathematics-bslas/#text)
Mathematics & Computer Science, BSLAS (http://catalog.illinois.edu/undergraduate/eng_las/mathematics-computer-science-bslas/)