Discover STEM

STEM summer day camps for high school students entering grades 11 or 12 in Fall 2017

One week that could change your life
During your week on the University of Minnesota Twin Cities campus, you will experience campus life, learn more about academic programs, and explore potential careers through activities such as: lab experiments, science and technology demonstrations, campus, residential life, and lab tours, as well as lectures and career panel discussions.

Each week of Discover STEM includes a unique schedule of activities. Weekly schedules will be made available to students on their first day of camp.

Application Information

Due to limited space, admission to Discover STEM is competitive. The competitiveness of admission will be based on the number of applications received and the qualifications of the applicants. Enrolling an academically qualified, diverse student body is essential to Discover STEM, so applicants from underrepresented communities are especially encouraged to apply.

Eligibility criteria
• High school students entering grades 11 or 12 in fall 2017
• Demonstrable interest in a career in science, technology, engineering, or mathematics
• Priority will be given to local students who have not previously participated in Discover STEM

Application submission requirements
Submit the complete application packet in a single envelope by mail postmarked on or before Friday, April 21, 2017. Applications not submitted in this format will not be reviewed.

Complete application packets include four documents:
• Completed application form. See form on back.
• Most recent high school transcript or report card. Unofficial copies are acceptable.
• Letter of recommendation printed on school letterhead from a science, technology, engineering, or mathematics teacher or high school counselor. Guidelines for recommenders are below.
• Typed personal statement responses. Personal statement prompts are below.

Admission decisions
Admission decisions are based on the holistic assessment of each applicant’s academics and individual circumstances (listed below). The strongest consideration in the decision is given to academics, but no single factor is the deciding factor in the decision.

In addition to academics, individual circumstances listed below are also considered as part of the overall assessment of each application, and should be highlighted in the letter of recommendation and personal statement responses:
• Outstanding talent, achievement, or aptitude in a particular area
• Strong commitment to community service and leadership
• Contribution to the cultural, gender, age, economic, racial, or geographic diversity of the student body
• Evidence of having overcome social, economic, or physical barriers to educational achievement
• First-generation college student
• Significant responsibility in a family, community, job, or activity
• Extenuating circumstances

Guidelines for recommenders
Printed on school letterhead, in one page or less, please address the applicant’s:
• STEM aptitude and interest
• Maturity/personal responsibility
• Motivation/self-reliance

Personal statement prompts
All three to be completed by the applicant:
1. In less than 10 bullet points, list your previous and current extracurricular experiences and interests in science, technology, engineering, or mathematics.
2. In 250 words or less, relate how your identity and experiences have affected your ability to achieve your academic and career goals in science, technology, engineering, or mathematics.
3. In 2–4 sentences, explain what you are hoping to gain from participating in Discover STEM.
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Application Form

Submit the complete application packet in a single envelope by mail postmarked on or before Friday, April 21, 2017. Applications not submitted in this format will not be reviewed. Complete application packets include four documents: 1) a completed application form, 2) applicant’s most recent high school transcript (unofficial copies are acceptable), 3) a letter of recommendation printed on school letterhead from a science, technology, engineering, or mathematics teacher or high school counselor, and 4) typed personal statement responses (see personal statement prompts on back.)

Submit completed applications to:
University of Minnesota, College of Science and Engineering Student Services
Attention: Kelsi Klaers, 105 Lind Hall, 207 Church St. S.E., Minneapolis, MN 55455

Applicant’s first and last name

Parent/guardian’s first and last name

Street address

City

State

Zip code

Applicant’s telephone number

Parent/guardian’s telephone number

Applicant’s email address

Parent/guardian’s email address

In Fall 2017, applicant will be in grade:  

☐ 11

☐ 12

School name

School city

Session preference (rank first and second choice)

______ July 31–Aug 4

_______ August 7–11

Both sessions are co-ed. Applicants may not be accepted into their first choice session.

Optional Demographic Information

Applicant gender (write-in)

Ethnicity of applicant

☐ African/African-American

☐ Alaskan/American Indian

☐ Asian/Pacific Islander

☐ Chicano/Latino

☐ Caucasian

☐ Other Hispanic

☐ Other, not of Hispanic origin ______________________

(Reporting ethnicity is voluntary; we use this data to describe the profile of our students in grant proposals and statistical reports.)

Applicant’s father’s highest level of education

☐ High school diploma or GED

☐ High school diploma or GED

☐ Associate degree

☐ Associate degree

☐ Bachelor’s degree

☐ Bachelor’s degree

☐ Master’s or doctorate degree

☐ Master’s or doctorate degree

☐ Other ______________________

☐ Other ______________________

Applicant’s mother’s highest level of education

☐ High school diploma or GED

☐ High school diploma or GED

☐ Associate degree

☐ Associate degree

☐ Bachelor’s degree

☐ Bachelor’s degree

☐ Master’s or doctorate degree

☐ Master’s or doctorate degree

☐ Other ______________________

☐ Other ______________________