

# THE GATTON ACADEMY

## *of Mathematics and Science*

### KENTUCKY'S FIRST RESIDENTIAL STEM ACADEMY

The Gatton Academy of Mathematics and Science in Kentucky is the Commonwealth's first two-year residential program for students interested in science, technology, engineering, and mathematics. Instead of spending their junior and senior years in traditional high schools, our students take all their coursework through Western Kentucky University. The Gatton Academy empowers Kentucky's exceptional young scientists and mathematicians to learn in an environment that offers advanced educational opportunities while living in a community that is supportive and fun.

### POTENTIAL STUDENTS MAY:

- Show an interest and aptitude for math and science subjects
- Be excited to learn and highly motivated in the classroom
- Have a goal to pursue a career in a STEM field
- Assist peers with classwork or even tutor in their spare time
- Seek more of an academic challenge

### ADMISSIONS REQUIREMENTS

Students interested in the Gatton Academy apply during their sophomore year of high school. Before attending, they complete Algebra I, II, and Geometry. The Gatton Academy requires students to earn a 22 Math on the ACT or 540 Math on the SAT, typically taken in the same year as application.



### WHY GATTON?

- Earn a minimum of 60 college credit hours from Western Kentucky University
- Live in a supportive community made up of fellow high-achieving and motivated peers
- Pursue unique opportunities like faculty-mentored research, studying abroad, and a variety of clubs and organizations on campus
- Graduate from an award-winning program as well as your home high school
- Access all of this at little to no cost

### WHAT MIGHT A WEEK AT GATTON LOOK LIKE?

| Monday               | Tuesday          | Wednesday         | Thursday         | Friday               |
|----------------------|------------------|-------------------|------------------|----------------------|
| 10am<br>Biology      |                  | 10am<br>Biology   | 9am<br>Research  | 10am<br>Biology      |
| 11am<br>Calculus     | 11am<br>Calculus | 11am<br>Calculus  | 11am<br>Calculus | 11am<br>Calculus     |
| 1pm<br>English       | 1pm<br>Research  | 1pm<br>English    | 2pm<br>Bio Lab   | 1pm<br>English       |
| 3pm<br>Psychology    | 5pm<br>Seminar   | 3pm<br>Psychology |                  |                      |
| 9pm<br>Project Unite |                  | 9pm<br>Math Club  | 6pm<br>Tutoring  | 8pm<br>Gatton Soccer |

Tuition, housing, and meal plans are provided for all students by state funds. Families are responsible for textbooks.



### IN THE MEANTIME ...

In preparation for applying to The Gatton Academy, we encourage students to explore opportunities available to Kentucky's gifted and talented students:

- Speak with your school counselor about enrolling in advanced math coursework. Students enrolled in Algebra I during their 8th grade year are right on track to meet our course requirements.
- Register for an academic summer camp like SCATS or VAMPY through WKU's Center for Gifted Studies.
- Participate in above-level testing through the Talent Identification Program of Kentucky.
- Visit [www.wku.edu/gifted](http://www.wku.edu/gifted) and join the Center for Gifted Studies mailing list for updated information about available programs.

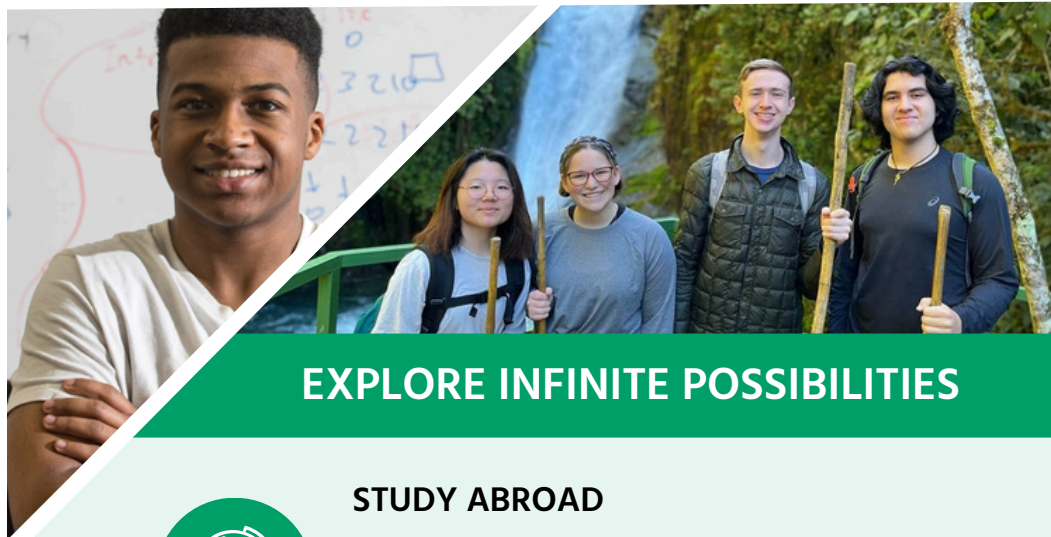
### CONTACT US

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 @GattonAcademy

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## EXPLORE INFINITE POSSIBILITIES


### STUDY ABROAD

 Gatton offers study abroad opportunities to England during the summer between a student's junior and senior years and to Costa Rica during Western Kentucky University's Winter Term.

### SCHOLARLY RESEARCH

 Learning from one-on-one mentorship from university faculty, students work on research projects beyond the classroom as an extracurricular or elective. Students share their findings through presentations at local, state, and national conferences.

### STEM + GLOBAL STUDIES

 Students can supplement Gatton's STEM-based curriculum with language coursework in American Sign Language, Chinese, German, Japanese, Russian, or Spanish in addition to humanities coursework related to the language of study. Participating students often apply for competitive programs such as the National Security Language Initiative for Youth (NSLI-Y).