

For more information

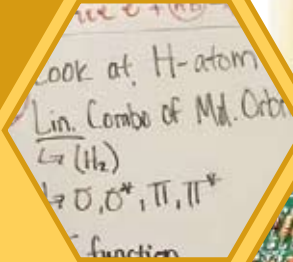
Kansas Academy of Mathematics and Science
600 Park Street
Hays, KS 67601

E-mail: kams@fhsu.edu
Telephone: (785) 628-4690
Web site: www.fhsu.edu/kams
Blog: www.fhsukams.wordpress.com

Ron Keller
Director
Kansas Academy of Mathematics and Science
rgkeller@fhsu.edu
(785) 628-5973

Dr. Angela Bolte
Marketing and Admissions Coordinator
Kansas Academy of Mathematics and Science
akbolte@fhsu.edu
(785) 628-4709

Ann Ryan-Noble
Financial Administrator
Kansas Academy of Mathematics and Science
amryan@fhsu.edu
(785) 628-5449



FORT HAYS STATE
UNIVERSITY

600 PARK STREET
HAYS, KS 67601-4099



Kansas' Premier Early-Entry-To-College
Program for High School Juniors & Seniors

Kansas Academy of Mathematics and Science

at Fort Hays State University



What is the Kansas Academy of Mathematics and Science?

- The Kansas Academy of Mathematics and Science is Kansas' premier residential learning experience for exceptional high school juniors and seniors with an interest in mathematics and science. It is on the Fort Hays State University campus.
- Over two years, students will receive:
 - 68 hours of college credit in addition to a high school diploma.
 - Hands-on research opportunities.
 - Leadership development and civic engagement opportunities.
 - Co-curricular and extracurricular activities to develop the whole student.
- KAMS plans to accept 40 Kansas students and 8 International/out-of-state students each academic year.

A Brief History of the Kansas Academy of Mathematics and Science

The Kansas Academy of Mathematics and Science was established in 2006 by the Kansas Legislature with the enactment of Senate Bill 139. The establishment of this innovative program stemmed from national concern regarding anticipated shortages of students who would be sufficiently well prepared in mathematical and scientific problem solving. Recognizing that American youth would need to compete in an increasingly technological global society, several states opted to create alternative educational programs that would attract students to the fields of mathematics and science as well as offer bright, motivated young people an accelerated education in these areas of study.

Once passed by the Kansas Legislature, a broad-based steering committee studied the KAMS legislation and the operation of similar academies in other states. The steering committee prepared a request for proposals to assist the Kansas Board of Regents in selecting the state postsecondary institution to establish and operate KAMS. A number of universities in Kansas submitted proposals to the Board of Regents. In 2007, the Kansas Board of Regents selected Fort Hays State University for the honor of hosting KAMS. The first KAMS class is scheduled for enrollment in fall 2009.



Requirements to attend KAMS

- You must be a high school sophomore or the equivalent to be eligible to apply to KAMS.
- You may attend a public or private school or be home-schooled.
- To be considered for acceptance, you must have **one** of the following test scores:
 - ACT or PLAN: minimum score 23* or
 - SAT: minimum score 1060*
- Student applications are evaluated holistically.
- Students must maintain a 3.0 GPA while at the Academy.

Costs associated with KAMS

- Tuition, fees and books will be provided by KAMS for 18 credit hours per semester for students currently attending a public school in Kansas. In total, this is equivalent to approximately \$7,000.
- Parents of Kansas public school students will be responsible for the cost of housing, meals and incidentals.
 - Housing at FHSU in 2008-2009 is approximately \$6,500 (which includes a meal plan that students may use at the residence hall cafeteria in McMIndes Hall and at the Memorial Union).
- Kansas private school students are responsible for **all** costs associated with attending KAMS.
- KAMS will provide tablet computers for students to use during the academic year.

Student Living Environment

- Living space is in Custer Hall on the FHSU campus.
 - Students are required to live in Custer Hall.
 - Rooms will be shared by two KAMS students.
 - Males and females will reside on different wings of Custer Hall.
- Student supervision includes the following policies:
 - Evening curfews.
 - Permission required to leave campus.
 - Regulated visitation by guests.
 - No persons of the opposite sex allowed on KAMS floors.
 - Special security measures.

International Students and Domestic Non-Kansas Students

- A maximum of eight international/domestic non-Kansas students will be selected per academic year who are in a grade level equivalent to a U.S. high school sophomore at the time of application.
- Domestic non-Kansas students are responsible for **all** costs associated with KAMS, including KAMS out-of-state tuition and fees.
- International students are required to pay **all** costs associated with KAMS, including KAMS international student tuition and fees.
- International students must have **one** of the following minimum TOEFL scores:
 - Paper-based test (pBT) score of 540* or
 - Computer-based test (cBT) score of 220* or
 - Internet-based test (iBT) score of 70*.

Research and Courses

- One of the most exciting opportunities that KAMS has to offer is the opportunity for students to work with Ph.D. faculty on research projects. Students will be able to work on projects both internally at FHSU and externally.
- KAMS students will take college courses with other students from FHSU. We believe that having KAMS students work alongside regular FHSU students will benefit both. Other academies also have found that integrating their academy students with regular college students in class is the most successful model.
- Students will have a regular 16 to 18 hour/semester college schedule. Typically, classes meet on either a Monday/Wednesday/Friday or Tuesday/Thursday schedule. The majority of classes are scheduled between 8 a.m. and 3 p.m.
- While 18 hours per week in the classroom may not seem like a lot, please keep in mind the rule of thumb is that every 1 hour in the classroom will require 2-3 hours of study outside of class. So, an 18-hour class schedule is a very full college-level class load.
- Students will also be able to take part in internship opportunities with Kansas businesses.

Extracurricular Activities and Sports

- Students will be able to form their own clubs and join FHSU student organizations. There are more than 110 of these clubs and organizations on the FHSU campus.
- KAMS students will also be able to participate in several fine arts activities on the FHSU campus.
- KAMS students will not be permitted to join sororities or fraternities or attend any of their functions.
- The Kansas State High School Activities Association requires that any non-athletic activities KAMS students participate in will not include any competition at the league or state level.
- Regarding sports, KAMS students will be able to participate in the wide variety of FHSU intramural activities. There are more than 200 potential intramural activities on campus.
- National Collegiate Athletics Association regulations do not permit KAMS students to join FHSU athletic teams.
- KAMS students will not be permitted to participate in state-sanctioned high school athletics.

Fort Hays State University

Founded in 1902, FHSU is one of six state-assisted institutions of higher education and is governed by the Kansas Board of Regents. FHSU has an enrollment of approximately 10,000 students and offers more than 60 majors. It has four colleges – Arts and Sciences, Education and Technology, Business and Leadership, and Health and Life Sciences – and a Graduate School. It also has a Virtual College that delivers courses electronically throughout Kansas and beyond. FHSU is a cultural nexus for western Kansas, providing access to sports, off-Broadway productions and other performing arts, and art exhibitions. FHSU is closely connected to the community and region, allowing natural opportunities for service learning and engagement with the community.

Hays Community

Beyond campus life, the city of Hays offers many community opportunities for cultural, social and intellectual enrichment to balance a student's education. While Hays originated as a frontier town in the Wild West, it has grown into a progressive community that serves as a regional center for the western half of Kansas in education, health care, professional services, shopping, culture and recreation.

Located on Interstate 70, approximately half way between Denver and Kansas City, Hays is a great place to catch a variety of traveling performances in addition to local theatre, museums, libraries, old Fort Hays and several local festivals. With a population of about 20,000, Hays is an excellent place to enjoy numerous outdoors activities, including golfing, hiking and biking trails, and beautiful parks. While there are many things to do, as in a large community, Hays has a friendly, small-town atmosphere. Most importantly, Hays is a safe community with low crime rates.

KAMS CLASS SCHEDULE SAMPLE

JUNIOR YEAR

Fall Semester

- Pre-Calculus
- University Chemistry I and Lab
- Global Climate Change: Science and Impacts
- English Composition I
- U.S. History Before 1877
- Colloquia

17 Credit Hours

Spring Semester

- Calculus I
- University Chemistry II and Lab
- English Composition II
- U.S. History After 1877
- Colloquia

16 Credit Hours

SENIOR YEAR

Fall Semester

- Calculus II
- Principles of Biology
- Physics for Scientists and Engineers I
- Fundamentals of Oral Communication
- Departmental Research and Writing
- Colloquia

18 Credit Hours

Spring Semester

- American Government
- Computer Science Elective
- Physics for Scientists and Engineers II
- Issues in Leadership: Seven Revolutions
- Departmental Research and Writing
- Colloquia

17 Credit Hours



* Subject to change. See application.