



## Barton Community College

The Mathematics Department offers two undergraduate degrees. The B.A. has fewer mathematics course requirements and more general education requirements. The B.S. requires more mathematics courses, an applied mathematics concentration, and fewer general education courses. We keep a very student-friendly atmosphere in our department and our staff is always willing to help students. Our faculty is extremely committed to excellence in teaching and research. Our facilities are in Snow Hall, a renovated building that won a historic preservation award. Our students have ample access to computer labs and modern technology and we teach most of our classes in our beautiful building. We invite you to take a virtual tour of our department by exploring the links in our site. Please contact us at [math@ku.edu](mailto:math@ku.edu) or 785-864-3651.

The information in this guide will provide a sample four-semester plan starting at Barton Community College and transferring to KU for the remaining coursework. Please contact [collegeadvising@ku.edu](mailto:collegeadvising@ku.edu) to discuss your individual situation with an advisor. We encourage you to apply to KU by February 1 prior to the fall semester you plan to transfer.

## KU Core

The KU Core establishes six educational goals for all undergraduates at KU. The KU Core is designed to yield fundamental skills, build a broad background of knowledge, generate capacities and opportunities for blending and creating ideas, strengthen an appreciation of cultural and global diversity, and cultivate ethical integrity. One unit for the KU Core is equivalent to three credit hours.

### General Education Goal 1:

**Critical Thinking and Quantitative Literacy**  
(one unit: GE 1.1, one unit: GE 1.2, two units total)

### General Education Goal 2:

**Strengthen written and oral communication**  
(two units: GE 2.1, one unit GE 2.2, three units total)

### General Education Goal 3:

**Develop a background of knowledge across fundamental areas of study**  
(one unit each: GE 3H, GE 3S, GE 3N, three units total)

### Advanced Education Goal 4:

**Respect human diversity and expand cultural understanding and global awareness**  
(one unit: AE 4.1, one unit: AE 4.2, two units total)

### Advanced Education Goal 5:

**Practice social responsibility and demonstrate ethical behavior**  
(one unit: AE 5.1, or one unit: AE 5.2, one unit total)

### Advanced Education Goal 6:

**Gain the ability to integrate knowledge and think creatively**  
(completed within major at KU)

Find a the most up-to-date listings of transferable courses at: <http://credittransfer.ku.edu>.  
You can search by specific goal or view many of the courses that transfer to KU.

If a class is not listed contact [transfercredit@ku.edu](mailto:transfercredit@ku.edu) to inquire about transferability.

## First Semester

Composition, ENGL 101 (GE 2.1)	ENGL 1204	<input type="checkbox"/>
Pre-Calculus Mathematics, MATH 104 (GE 1.2)	MATH 1830	<input type="checkbox"/>
GE 1.1 Critical Thinking Core Requirement	Select Approved GE1I Course	<input type="checkbox"/>
1st Semester Language	LANG 1908	<input type="checkbox"/>

## Second Semester

Critical Reading and Writing, ENGL 102 (GE 2.1)	ENGL 1206	<input type="checkbox"/>
Calculus I, MATH 125	MATH 1832	<input type="checkbox"/>
GE 2.2 Oral Communication Core Requirement	COMM 1230	<input type="checkbox"/>
2nd Semester Language	LANG 1910	<input type="checkbox"/>

## Third Semester

Calculus 2, MATH 126	MATH 1834	<input type="checkbox"/>
GE 3H Arts & Humanities Core Requirement	Select Approved GE3H Course	<input type="checkbox"/>
GE 3N Natural Science + Lab Requirement	Select Approved GE 3N+Lab Course	<input type="checkbox"/>
3rd Semester Language (or elective)	LANG 1912	<input type="checkbox"/>

## Fourth Semester

Calculus 3, MATH 127 (or elective)	MATH 1836	<input type="checkbox"/>
GE 3S Social Science Core Requirement	Select Approved GE3S Course	<input type="checkbox"/>
AE 4.1 Human Diversity Core Requirement	Select Approved AE4I Course	<input type="checkbox"/>
AE 5.1 Social Responsibility & Ethics Core Requirement	Select Approved AE5I Course	<input type="checkbox"/>
4th semester language (or elective)	LANG 1913	<input type="checkbox"/>

- It is recommended that general electives and KU Core courses be used to complete prerequisites, explore interests, and/or complete an Associate's Degree. For a BA degree, students must demonstrate fourth semester proficiency in a single non-English language, or third semester proficiency in a first non-English language and first semester proficiency in a second non-English language. This requirement may be met through coursework or examination by the appropriate language department. If Barton Community College doesn't offer four semesters of foreign language you may choose to complete electives and fulfill that requirement at KU.

- A maximum of 64 hours of community college course work can be applied toward a KU degree. A Bachelor Degree requires 45-upper level hours. Transfer courses may be matched to a course of opposite level at KU, but the level of credit is defined by the originating institution. (All community college courses are lower level.) Courses with a grade of D+ or below cannot fulfill degree requirements.

- It is the STUDENT'S RESPONSIBILITY to check for updates to all transfer information. This transfer program is provided as a service and is updated annually. Degree requirements at KU are subject to change.