



## Barton Community College

The Bachelor of Arts degree with a major in chemistry is designed for the student who desires to obtain knowledge of the fundamental principles of chemistry and at the same time wishes to obtain substantial knowledge of a number of other fields of learning. As a worldwide leader in training and research in chemistry, the Department of Chemistry at KU is highly interdisciplinary in nature. We strive to provide the best possible opportunities for our students, including acquiring new facilities and equipment. Learn more by visiting: [chem.ku.edu](http://chem.ku.edu), emailing us at: [chemistry@ku.edu](mailto:chemistry@ku.edu) or calling us at 785-864-4670.

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. This is not the only way to achieve the degree, but is a tool to guide you in reaching for your dreams. Keep in mind, each person has an individual path toward a bachelor's degree. Please contact the University of Kansas to discuss your individual situation with an advisor. Our goal is for you to be successful on the path that works the best for you.

## 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"/>
Precalculus Mathematics, MATH 104 (GE 1.2)	MATH 1830	<input type="checkbox"/>
Speaker Audience Communication, COMS 130 (GE 2.2)	COMM 1230	<input type="checkbox"/>
1st Semester Language, or elective (see note below)	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 3S Core Requirement	Select Approved GE 3S Course	<input type="checkbox"/>
AE 5.1 Core Requirement	Select Approved AE 5I Course	<input type="checkbox"/>
2nd Semester Language or elective	LANG 1910	<input type="checkbox"/>

## Third Semester

General Chemistry I, CHEM 130 (GE 1.2/GE 3N)	CHEM 1806	<input type="checkbox"/>
College Physics I, PHSX 114 (GE 1.1)	PHYS 1600	<input type="checkbox"/>
Calculus II, MATH 126	MATH 1834	<input type="checkbox"/>
3rd Semester Language (AE 4.2), or elective	LANG 1912	<input type="checkbox"/>

## Fourth Semester

General Chemistry II, CHEM 135 (GE 1.2)	CHEM 1808	<input type="checkbox"/>
College Physics II, PHSX 115	PHYS 1602	<input type="checkbox"/>
GE 3H Core Requirement	Select Approved GE 3H 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. 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, Lower division courses and upper division courses may be matched to a course of opposite level at KU, but will be awarded the level of credit as defined by the originating institution. 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.