

**SOUTHERN ILLINOIS UNIVERSITY  
EDWARDSVILLE**

**Kaskaskia College  
Associate in Science  
ACS Certified Biochemistry**

Completion of an Associate in Arts or Science degree at Kaskaskia College fulfills SIUE's general education requirements, with the exception of an Interdisciplinary Studies course that all students must take during their junior and senior year at SIUE.

This "Transfer Program Guide" is an **example** of proposed curriculum for students to use while completing their associate's degree. Reading, writing and math placement could alter the course sequencing and transfer date. Therefore students should begin sequencing their reading/writing (if applicable) and math & science courses during the first semester, paying close attention to prerequisites. Students have the option of taking summer classes to lessen fall and spring course loads.

It is highly recommended that students meet with a KC advisor each semester. Please see "**Important Student Notes**" located on page of two of this transfer guide.

**Fall Year 1**

<b>KC Course</b>		<b>Hours</b>
ENGL 101	English Composition	3
IAI FA	IAI Fine Arts	3
MATH 166	Calculus & Analytical Geometry I	5
CHEM 111	Inorganic Chemistry I	5
GUID 109	First Year College Experience	1
<b>Total</b>		<b>17</b>

**Spring Year 1**

<b>KC Course</b>		<b>Hours</b>
ENGL 102	English Composition	3
IAI HUM	IAI Humanities	3
MATH 267	Calculus & Analytical Geometry II	5
CHEM 112	Chemistry II (Physical & Analytical)	5
<b>Total</b>		<b>16</b>

**Fall Year 2**

<b>KC Course</b>		<b>Hours</b>
CHEM 208 <sup>1</sup>	Organic Chemistry I	5
COMM 103	Fundamentals of Speech Communication	3
BIOL 101 <sup>1</sup>	Biology	4
IAI Soc/Beh <sup>2</sup>	IAI Social / Behavioral Science	3
IAI Soc/Beh <sup>2</sup>	IAI Social / Behavioral Science	3
<b>Total</b>		<b>18</b>

**Spring Year 2**

<b>KC Course</b>		<b>Hours</b>
CHEM 209	Organic Chemistry I	5
BIOL 102	Biology	4
IAI Soc/Beh <sup>2</sup>	IAI Social / Behavioral Science	3
IAI HUM	IAI Humanities	3
HLTH 102	Human Health & Wellness	3

**Total** **18**  
**Associate in Science Total** **69**

<sup>1</sup>Students pursuing the Bachelor of Science degree without American Chemical Society (ACS) certification should replace MATH 267 with MATH 136.

<sup>2</sup>Courses selected from two different disciplines. One course must be POLS, SOCO or PSYH 101.

About the American Chemical Society (ACS): The ACS is a self-governed individual membership organization that consists of members at all degree levels and all fields of chemistry. The organization provides a broad range of opportunities for peer interaction and career development, regardless of professional or scientific interests.

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**IMPORTANT STUDENT NOTES**

The preceding information is provided to assist students in the transfer process. In no way does this document substitute for meeting with an academic advisor. Students are advised to meet on a regular basis with advisors at KC. Courses taken through dual credit can be applied to required SIUE coursework; please contact KC advisor for more information. Please consult Kaskaskia College catalog for additional graduation requirements.

Students have 2 options when pursuing a Bachelor's degree in Biochemistry:

- A Bachelor of Arts degree will require 2 semesters of the same foreign language, which can be taken at either KC or SIUE, in addition to 8 Humanities and/or Fine Arts Courses (some of which will be completed with the Associate in Science.)
- A Bachelor of Science degree will require completion of 8 courses in life, physical, or social science, in addition to 2 courses with a lab component (all of which will be met with the completion of the Associate in Science.) The academic curriculum for the Bachelor of Science in Biochemistry ACS meets the guidelines of the American Chemical Society for the training of professional chemists. All graduates will be certified by the ACS.

**DECLARATION REQUIREMENTS**

- Completion of CHEM 111 with a grade of "C" or better
- A minimum GPA of 2.6 (on a 4.0 scale) in science and math transferable courses completed at all transfer institutions
- An overall GPA of 2.5 in other transferable work