

**SOUTHERN ILLINOIS UNIVERSITY  
EDWARDSVILLE**

**Kaskaskia College  
Associate in Science  
PHYSICS**

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.

<b>Fall Year 1</b>		
<b>KC Course</b>		<b>Hours</b>
ENGL 101	English Composition	3
COMM 103	Fundamentals of Speech Communication	3
MATH 166	Calculus & Analytical Geometry I	5
IAI Soc/Beh <sup>1</sup>	IAI Social / Behavioral Science	3
GUID 109	First Year College Experience	1
<b>Total</b>		<b>15</b>

<b>Spring Year 1</b>		
<b>KC Course</b>		<b>Hours</b>
ENGL 102	English Composition	3
MATH 267	Calculus & Analytical Geometry II	5
PHYS 201	University Physics I	5
IAI HUM	IAI Humanities	3
<b>Total</b>		<b>16</b>

<b>Fall Year 2</b>		
<b>KC Course</b>		<b>Hours</b>
MATH 268	Calculus & Analytical Geometry III	5
PHYS 202	University Physics II	5
IAI FA	IAI Fine Arts	3
IAI Soc/Beh <sup>1</sup>	IAI Social / Behavioral Science	3
Elective	Elective	1
<b>Total</b>		<b>17</b>

<b>Spring Year 2</b>		
<b>KC Course</b>		<b>Hours</b>
PHYS 205	Physics	5
IAI LS <sup>2</sup>	IAI Life Science	4
IAI Soc/Beh <sup>1</sup>	IAI Social / Behavioral Science	3
IAI HUM/FA	IAI Humanities/Fine Arts	3
HLTH 102	Human Health & Wellness	3
<b>Total</b>		<b>18</b>
<b>Associate in Science Total</b>		<b>66</b>

<sup>1</sup>Courses selected from two disciplines.

<sup>2</sup>BIOL 101 required for Physics-Specialization in Biomedical Physics.

Students choose from among the following Physics options: Standard, Specialization in Astronomy, Specialization in Biomedical Physics, Specialization in Photonics and Laser Physics, Secondary Education.

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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 are required to complete a Bachelor of Science degree at SIUE. 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 (some of which will be met with the completion of the Associate in Science.)

**DECLARATION REQUIREMENTS FOR A BACHELOR OF SCIENCE**

- A minimum GPA of 2.0 (on a 4.0 scale) in science and math transferable courses completed at all transfer institutions.
- An overall GPA of 2.0 in other transferable work

Students interested in Secondary Education teacher licensure are encouraged to begin a file with the School of Education Health and Human Behavior by calling 618-650-3940. Options for Secondary Education Teacher Licensure: Earth and Space Science Education and Traditional Physics.

**ADMISSION TO TEACHER LICENSURE**

In order to be admitted into the teacher licensure program, students must:

- Receive a grade of “C” or above in all general education, major content, and professional education courses.
- Complete 43 semester hours of course credit and have a cumulative GPA of 2.5 or higher (this includes work at all institutions attended.)
- Successfully complete EDUC 101
- Pass all areas of the ICTS Test of Academic Proficiency (TAP) or a composite score of 22 or higher on the ACT Plus Writing.
- Please note that the State of Illinois is making significant changes in teacher education that may result in revised standards, programs, testing requirements and teaching certificates. It is very important that all prospective and current candidates work closely with their advisors to remain current about course and curriculum changes affecting progress through the programs.