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.

Fall Year 1

KC Course	Hours
ENGL 101 - English Composition	3
SPCH 103 - Fundamentals of Speech	3
MATH 166 - Analytic Geometry & Calculus I	5
[1]IAI Social or Behavioral Science	3
PHLE 119 - Core Values/Ethical Dec Making	1
Total	**15**

Spring Year 1

KC Course	Hours
ENGL 102 - English Composition	3
MATH 267 - Analytic Geometry & Calculus II	4
PHYS 201 - University Physics I	5
IAI Humanities	3
Total	**15**

Fall Year 2

KC Course	Hours
MATH 250 - Analytic Geometry & Calculus III	4
PHYS 202 - University Physics II	5
IAI Fine Arts	3
[1]IAI Social or Behavioral Science	3
Elective	1
Total	**16**

Spring Year 2

KC Course	Hours
PHYS 205 - Physics	5
[2]IAI Life Science	4
[1]IAI Social or Behavioral Science	3
IAI Humanities or Fine Arts	3
Health and Personal Development, Criteria 1	3
Total	**18**
Associate Total	***64***

[1]Courses selected from two disciplines.

[2]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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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 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.