

Associate of Science
CHEMISTRY - Secondary Education - Grades 9-12

Completion of an Associate in Arts or Science degree at Southwestern Illinois 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 be 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 SWIC advisor each semester. For additional information please contact the SIUE coordinator for advising and partnership programs in MC 1070. Please see "**Important Student Notes**" located on page of two of this transfer guide.

Fall Year 1

SWIC Course	Hours
ENG 101 ENG 101 - Rhetoric & Composition I	3
BIOL 101 Principles of Biology I	4
MATH 203 MATH 203- Analytic Geometry & Calculus	5
CHEM 105 General Chemistry I	5
Total	17

Spring Year 1

SWIC Course	Hours
ENG 102 Rhetoric & Composition II	3
BIOL 102 Principles of Biology II	4
MATH 204 Analytic Geometry & Calculus II	5
CHEM 106 General Chemistry II	5
Total	17

Fall Year 2

SWIC Course	Hours
CHEM 201 Organic Chemistry I	5
COMM 151 Fundamentals of Public Speaking	3
IAI IAI Fine Arts	3
¹ ED 255 Introduction to Education	3
IAI IAI Human Well Being	2
Total	16

Spring Year 2

SWIC Course	Hours
CHEM 202 Organic Chemistry II	5
IAI IAI General Humanities	3
IAI IAI Behavioral Science	3
IAI IAI Social Science	3
Total	14
Associate Total	64

¹Students completing student teaching by 2022 will be required to take ED 255. The course will not be required post 2022. In that case, students may replace ED 255 with an elective.

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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 SWIC and SIUE. Courses taken through dual credit can be applied to required SIUE coursework; please contact SWIC advisor for more information. **The Associate degree requires students to complete one Human Relations course and one Non-Western Course. These requirements may be met with a Fine Arts, Humanities, Social Science, or Behavioral Science.**
- In order to be eligible for upper level chemistry classes during Year 3 at SIUE and because the Associate in Science will be completed at the end of Year 2, students should transfer to SIUE in the summer to take Organic Chemistry II (CHEM 241b and lab CHEM 255).

DECLARATION REQUIREMENTS FOR A BACHELOR OF SCIENCE

- Completion of CHEM 105 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

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 ED 255

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- Successfully complete ED 255
- 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.