

**Lewis and Clark Community College**  
**Associate of Science**  
**Chemistry**

Completion of an Associate in Arts or Science degree at Lewis and Clark Community College fulfills SIUE's general education requirements with the exception of an Interdisciplinary Studies course that all students must take during their junior or 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 particular 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 Lewis and Clark advisor; for additional information please contact the SIUE coordinator for advising and partnership programs in Haskell Hall Rm. B07. Please see "Important Student Notes" located on page two of this transfer guide.

**Fall Year 1**

LCCC Course		Hours
ENGL 131	First Year English I	3
IAI HUMN	IAI Humanities	3
CHEM 141	General Chemistry I	5
CHEM 121	General Chemistry I Recitation	1
MATH 171	Calculus and Analytical Geometry I	5
<b>Total</b>		<b>17</b>

**Spring Year 1**

LCCC Course		Hours
MATH 172	Calculus and Analytical Geometry II	5
CHEM 142	General Chemistry II	5
CHEM 122	General Chemistry II Recitation	1
PHYS 141	General Physics I	5
<b>Total</b>		<b>16</b>

**Fall Year 2**

LCCC Course		Hours
ENGL 132	First Year English II	3
IAI SOC BEH	IAI Social Behavioral Science	3
CHEM 261	Organic Chemistry I	3
PHYS 142	General Physics II	5
IAI LS	IAI BIOL W/O Lab	3
<b>Total</b>		<b>17</b>

**Spring Year 2**

LCCC Course		Hours
IAI SOC BEH	IAI Social Behavioral Science	3
IAI FA	IAI Fine Arts	3
CHEM 262	Organic Chemistry Laboratory	2
CHEM 263	Organic Chemistry II	3
CHEM 264	Organic Chemistry II Laboratory	1
SPCH 131	Public Speaking	3
<b>Total</b>		<b>15</b>
<b>Associate Total</b>		<b>65</b>

Students must complete 50% or more of SIUE degree requirements at SIUE. (120 +hours required for graduation).

There are seven specializations areas offered for students majoring in Chemistry at SIUE. ACS Certified, Biochemistry, ACS Certified Chemistry, Biochemistry, Forensics Chemistry, Pharmaceutical, Professional Education Licensure (9-12). SIUE BIOL 150 and 151 or LCCC's BIOL 131, 134 and 135 are required for specialization areas for, Biochemistry, Forensics, Medical Science and for Educator Licensure (9-12). SIUE Math 244 or 107, LCCC's Math 235 or 145 is required for ACS Chemistry, Medical Science and Educator Licensure (9-12) specializations.

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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 Lewis and Clark and SIUE. Courses taken through dual credit can be applied to required SIUE coursework, please contact Lewis and Clark advisor for more information. Please consult Lewis and Clark College catalog for additional graduation requirements.

**Students have 2 options when pursuing a Bachelor's degree in Basic Chemistry:**

A Bachelor of Arts degree will require 2 semesters of the same foreign language, which can be taken at either LCCC 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.)

**ADMISSION REQUIREMENTS**

Completion of CHEM 141 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