

ASSOCIATE IN SCIENCE FOR CHEMISTRY

Completion of the following curriculum will satisfy both the requirements for an Associate KCTCS as well as UK Core requirements for the University of Kentucky and pre-major requirements for bachelor's degree in Chemistry.

The College of Arts & Sciences requires that students complete foreign language courses above the university requirement. Students must either: 1) Obtain proficiency through the fourth level of one language or 2) Obtain proficiency through the third level of a language different from that taken in high school. The high school language must have been taken for two years. All students are provided the opportunity to take a placement exam in any language to determine the appropriate class.

KCTCS students planning to transfer to the University of Kentucky should work closely with the UK Transfer Advisor each semester to ensure both KCTCS and UK requirements are met.

1st Semester	
ENG 101: Writing I (3)	
CHE 170 + 175: General Chemistry I & Lab (5)	
MA 113, MAT 174, or MAT 175: Calculus I (4-5)	
*Social and Behavioral Science course (3)	
Semester Hours	15-16

2nd Semester	
ENG 102: Writing II (3)	
CHE 180 + 185: General Chemistry II & Lab (5)	
MA 114, MAT 184, or MAT 185: Calculus II (4-5)	
*Social and Behavioral Science course (3)	
*Heritage course (3)	
Semester Hours	18-19

First Summer Option	
Semester Hours	

3rd Semester	
PHY 201 or 231 & PHY 202 or 241 (5)	
MA 213, MAT 213, or MAT 275: Calculus III (4)	
*Humanities course (3)	
CHE 270 + 275: Organic Chemistry I (4)	
Semester Hours	16

4th Semester	
PHY 203 or 232 & PHY 204 or 242 (5)	
Oral Communication course (3)	
Digital Literacy course (3)	
CHE 280 + 285: Organic Chemistry II (4)	
Semester Hours	15

Total Credit Hours: 64-66

Notes: +Elective courses should be chosen in consultation with a UK Transfer Advisor and may be used to complete major or minor requirements.

