

ASSOCIATE IN SCIENCE FOR AGRICULTURAL AND MEDICAL BIOTECHNOLOGY

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

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	14-15

2nd Semester	
ENG 102: Writing II (3)	
CHE 180 + 185: General Chemistry II & Lab (5)	
Oral Communication course (3)	
BIO 150 or 114 + BIO 115, 151, or 155: Biology I + Lab (4-5) [^]	
Semester Hours	14-15

First Summer Option	
Semester Hours	

3rd Semester	
BIO 152 or 116: Principles of Biology II (3)	
*Heritage course (3)	
CHE 270 + 275: Organic Chemistry I (4)	
*Social and Behavioral Science course (3)	
+Elective course (3)	
Semester Hours	16

4th Semester	
BIO 226 + 209: Principles of Microbiology & Lab (4)	
STA 220: Statistics (3)	
*Humanities course (3)	
CHE 280 + 285: Organic Chemistry II (4)	
Digital Literacy course (3)	
Semester Hours	17

Total Credit Hours: 61-63

- Notes: *One course must satisfy the Cultural Studies requirement.
 +Elective courses should be chosen in consultation with a UK Transfer Advisor and may be used to complete major or minor requirements.
[^]One course/pairing must total at least 5 credit hours to obtain the 60 hours required for an Associate degree.

