



## TRANSFER PATHWAY GUIDE 2019-2020

### Associate in Science to Bachelor of Arts in Biology

#### ***Overview***

Completion of the following curriculum will satisfy the requirements for the Associates in Science at the Kentucky Community and Technical College System and leads to the Bachelor of Arts at the University of Louisville.

#### ***Admission Requirements***

Admission to the BA in Biology requires completion of Biology 240, Biology 242, and Biology 244 with a grade of C or better; completion of Math 111 with a grade of C or better on the basis of either the University of Louisville mathematics placement examination or ACT/SAT score; and a minimum overall grade point average of 2.0

#### ***Degree Requirements***

The baccalaureate degree in arts is the undergraduate degree offered by the university. It is awarded to students who have completed both university-wide requirements and the requirements of the selected degree program. The following university-wide requirements apply to all baccalaureate degrees. The student must complete all Cardinal Core requirements, complete all required courses and program requirements listed in this form, have a cumulative GPA of at least a 2.00, or higher, complete 120 hours applicable to this program, and complete at least 60 hours at an accredited 4-year institution.

#### ***General Transfer Requirements***

Please reference the following links for information about applying, scholarship, and speaking with an admission counselor.

- Application Process: <http://louisville.edu/admissions/apply/transfer/admissions>
- Scholarship: <http://louisville.edu/admissions/apply/transfer/cost-of-attendance/kctcs>
- Admissions Counselor: <https://booknow.appointment-plus.com/9qq1pbnv/>

## KCTCS AS to University of Louisville- BA in Biology CHECKLIST

### Kentucky Community and Technical College System

#### Category 1: KCTCS General Education Core Requirements (33 hours)

KCTCS Course	Course or Category	Credits	UofL Course	Completed
ENG 101	Writing I	3	ENGL 101	
ENG 102	Writing II	3	ENGL 102	
COM 181 or COM 252	Basic Public Speaking or Intro to Interpersonal Communications	3	COMM 111 or 115	
TBS XXX	Social Behavioral Science	3	SBS XXX	
PSY 110	Introduction to Psychology	3	PSYCH 201	
HIS XXX	Heritage- HIS 101, 102, 108 or 109	3	HIST 101, 102, 211, or 212	
TBS XXX	Any Arts & Humanities -Humanities course	3	A/H XXX	
CHE 170/175	General College Chemistry I w/ lab	5	CHEM 201 & 207	
BIO 114/115 or 150/151	Biology I & Lab or Principles of Biology I & Lab	4 (5)	BIOL 240	
MAT 150	College Algebra	3	MATH 111	
MAT 170 or MAT 175*	Brief Calculus with Applications or Calculus I	3 (5)	MATH 180 or MATH 205	
	<b>Subtotal General Education Core Courses</b>	<b>36-39</b>		

TBS XXX means to be selected by KCTCS student.

TBD XXX means to be determined by the University of Louisville based on course selected.

*\*MAT 175 has prerequisites of MAT 150 & MAT 155 or MAT 171*

One of these courses must be selected from the KCTCS identified Cultural Studies course list, indicate by placing (CS) next to the course name in Category 1 or 2 table.

#### Category 2: KCTCS AS Requirements (6 hours)

KCTCS Course	Course or Category	Credits	UofL Course	Completed
CHE 180/185	General College Chemistry II w/ lab	5	CHEM 202 & 208/209	
CHE 270/275	Organic Chemistry I w/lab	5	CHEM 341 & 343	
	<b>Subtotal AS Requirement Courses</b>	<b>10</b>		

**Category 3: KCTCS Electives (21 hours)**

KCTCS Course	Course or Category	Credits	UofL Course	Completed
CIT 105	Digital Literacy or IC3 Fast track test	0-3	Elective	
FYE 105	First-Year Experience	3	GEN 101	
CHE 280/285	Organic Chemistry II w/lab	5	CHEM 342 & 344	
TBS XXX	Any College Level Course(s), if needed	3-6	TRN XXX	
	<b>Subtotal Elective Courses</b>	<b>11-17</b>		
	<b>TOTAL Associate Degree Hours</b>	<b>60-66</b>		

**University of Louisville**
**Major Requirements for BA Biology**

UofL Course	Course	Credits	KCTCS Course	Taken at KCTCS
BIOL 329	Cellular and Molecular Biology	3		
BIOL 330	Genetics and Molecular Biology	3		
BIOL 331	Genetics and Molecular Biology Lab	2		
BIOL 350	Biostatistics	3		
BIOL 363	Principles of Ecology	3		
CHEM 341	Organic Chemistry	3	CHE 270	
CHEM 343	Organic Chemistry Lab	2	CHE 275	
CHEM 342	Organic Chemistry II	3	CHE 280	
CHEM 344	Organic Chemistry II Lab	2	CHE 285	
TBD XXX*	300+ level Biology Elective(s)	15		
TBD XXX*	300+ level General Elective(s)	6		
TBD XXX*	Culminating Undergraduate Experience	3		
TBD XXX*	Foreign Language	12		
TBD XXX*	Humanities or Social Science Course(s)	9		
<b>Subtotal {Institution} Credit Hours</b>		<b>60</b>		
<b>Total Baccalaureate Degree Credit Hours</b>		<b>121-129</b>		

\*TBD XXX to be determined with the conjuncture of the Academic Advising Unit

Updated: 5/23/2019