TRANSFER PATHWAY GUIDE

Associate in Arts to UofL for Bachelor of Arts in Computer Science

Overview

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

Admission Requirements

Students with 24 or more transferable semester hours must have a minimum college grade point average of 2.8 and at least B-minus grades in each of the following courses: College Algebra (MA 109) OR Pre-Calculus (MAT 160), and Intro to Chemistry (CHE 140). The School of Engineering requires a minimum "D" grade for any transferred course to be accepted as credit toward a degree.

Degree Requirements

The bachelor of arts is an undergraduate degree. 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 2.25, or higher, complete 120 hours applicable to this program, and complete at least 60 hours at an accredited 4-year institution. Please visit https://catalog.louisville.edu/undergraduate/majors/computer-engineering-science-ba/#degreerequirementstext for a list of all degree requirements.

General Transfer Requirements

Students must submit an online application to the University of Louisville indicating the J.B. School of Engineering BA in Computer Science as their desired major. There is a $25 non-refundable application fee. Students must submit official transcripts to the University of Louisville. The J.B. School of Engineering has the following deadlines for their application:

Fall – March 1st
Spring – October 1st
Summer – March 1st

KCTCS Associate in Arts TO the University of Louisville Bachelor of Arts in Computer Science CHECKLIST

Kentucky Community and Technical College System

Category 1: Core Requirements for the AA Degree (34 hours)

KCTCS Course	Course or Category	Credits	UofL Course	Completed
ENG 101	Writing 1	3	ENGL 101	
ENG 102	Writing II	3	ENGL 102	
COM 181	Basic Public Speaking	3	COMM 111	
TBS XXX	Social & Behavioral Science*	3	SBS XXX	
TBS XXX	Social & Behavioral Science*	3	SBS XXX	
TBS XXX	Social & Behavioral Science*	3	SBS XXX	
HIS XXX	Heritage*- recommend HIS 101, 108 or 109	3	HIST XXX	
TBS XXX	Humanities	3	HUM XXX	
CHE 140/145	Introductory General Chemistry with Lab	3+1	CHEM 101/103	
MAT 150	College Algebra	3	MATH 111	
MAT 170	Brief Calculus with Applications	3	MATH 180	
	Subtotal Core Courses	**34**		

*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: Additional General Education Requirements (12 hours)

KCTCS Course	Course or Category	Credits	UofL Course	Completed
TBS XXX	Art/Hum or Soc/Behav or Foreign Language	3	TBD XXX	
TBS XXX	Art/Hum or Soc/Behav or Foreign Language	3	TBD XXX	
TBS XXX	Approved general education course - Natural Science	3	TBD XXX	
TBS XXX	Approved general education course	3	TBD XXX	
	Subtotal Additional General Education Courses	**12**		

Category 3: KCTCS Electives (21 hours)

KCTCS Course	Course or Category	Credits	UofL Course	Completed
FYE 105	First-Year Experience	3	GEN 100	
CS 216	Introduction to Software Engineering	3	CSE 130	
TBS 3XX	Elective course	3	TBD XXX	
TBS 3XX	Elective course that transfers to UofL as 3XX	3	TBD 3XX	
TBS 3XX	Elective course that transfers to UofL as 3XX	3	TBD 3XX	
	Subtotal Elective Courses	**15**		
	TOTAL Associate Degree Hours	**61**		

University of Louisville

Major Requirements for Bachelor of Arts in Computer Science:

UofL Course	Course	Credits	KCTCS Course	Taken at KCTCS
CSE 110	Mathematical Foundations for BACS	3		
CSE 120	Introduction to Programming with Python	3		
CSE 220	Object Oriented Program Design with Java	3		
CSE 235	Computer Systems and Organization	3		
CSE 298	BACS Internship Seminar	0		
CSE 299	Internship Experience I	1		
CSE 302	Data Structures	3		
CSE 310	Discrete Structures	3		
CSE 335	Introduction to Databases	3		
CSE 350	Introduction to Software Engineering	3		
CSE 399	Internship Experience II	1		
CSE 419	Introduction to Algorithms	3		
CSE 420	Design of Operating Systems	3		
CSE 470	Mobile Apps Design & Development	3		
CSE 496	BACS Capstone Design	3		
CSE 5XX	CSE Elective	3		
CSE 5XX	CSE Elective	3		
CSE 5XX	CSE Elective	3		
CSE 5XX	CSE Elective	3		
XXX XXX	CSE or Other Area(s) of Study Elective (300+ level)	3		
XXX XXX	CSE or Other Area(s) of Study Elective (300+ level)	3		
XXX XXX	Other Area(s) of Study Elective (300+ level)	3		
XXX XXX	Other Area(s) of Study Elective (any level)	1		
Subtotal UofL Credit Hours		**60**		
Total Baccalaureate Degree Credit Hours (121 required)		**121**		

Updated: 07/15/2021