UMKC School of Computing and Engineering

BACHELOR OF ARTS IN COMPUTER SCIENCE, 2019-20

For more information about policies and requirements, please see the UMKC 2019-20 Catalog.

FIRST YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
Anchor I Reasoning and Values Recommend: ANCH 150 Computing, Engineering & Society	3	Anchor II Culture & Diversity	3
DISC 100 Discourse I	3	DISC 200 Discourse II	3
MATH 210 Calculus I (FOCUS B)	4	CS 191 Discrete Structures I	3
CS 101 Problem Solving & Programming I	3	MATH 220 Calculus II	4
CS 101L Problem Solving & Programming I Lab	1	STAT 235 Elementary Statistics (FOCUS Elective)	3
TOTAL	**14**	**TOTAL**	**16**

SECOND YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
CS 201R Problem Solving & Programming II	3	CS 281R Computer Architecture & Organization	3
CS 201L Problem Solving & Programming II Lab	1	CS 303 Data Structures	3
CS 291 Discrete Structures II	3	Foreign Language	3
Foreign Language	3	Life Science Elective*	3-5
FOCUS C Human Values and Ethical Reasoning Recommend: HIST 101, 102, or POLS-SCI 210 to fulfill the Constitution Requirement	3	General Elective	3
TOTAL	**13**	**TOTAL**	**15-17**

THIRD YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
CS 431 Operating Systems	3	CS 449 Fundamentals of Software Engineering	3
ANCH 308 (CS 304WI) Ethical Issues-Computing & Engineering	3	Physical Science Elective*	3-5
DISC 300 Discourse III	3	FOCUS A Arts & Humanities	3
General Elective	3	General Elective	3
General Elective	3	General Elective	3
TOTAL	**15**	**TOTAL**	**15-17**

FOURTH YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
CS 451R Software Engineering	3	CS 3XX/4XX CS-ECE-IT Elective	3
CS 3XX/4XX CS-ECE-IT Elective	3	CS 4XX CS-ECE-IT Elective	3
CS 3XX/4XX CS-ECE-IT Elective	3	General Elective	3
General Elective	3	General Elective (300-level or higher)	3
General Elective	3	General Elective (300-level or higher)	2
TOTAL	**15**	**TOTAL**	**14**

Total Credits to Graduate: 120

*One of the science courses must have a lab.

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