

BACHELOR OF INFORMATION TECHNOLOGY, 2018-19

For more information about policies and requirements, please see the [UMKC 2018-19 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	STAT 235 Elementary Statistics (FOCUS Elective)	3
CS 101 Problem Solving & Programming I	3	CS 201R Problem Solving & Programming II	3
CS 101L Problem Solving & Programming I Lab	1	CS 201L Problem Solving & Programming II Lab	1
CS 191 Discrete Structures I	3	CS 291 Discrete Structures II	3
TOTAL	17	TOTAL	16

SECOND YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
CS 281R Computer Architecture & Organization	3	CS 431 Operating Systems	3
CS 303 Data Structures	3	IT 222 Multimedia Production & Concepts	3
ACCT 210 Intro to Financial Accounting	3	Life Science Elective*	3-5
ECON 202 Intro to Economics II	3	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	15	TOTAL	12-14

THIRD YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
ANCH 308 (CS 304WI) Ethical Issues-Computing & Engineering	3	BUS 3XX/4XX Business Elective	3
DISC 300 Discourse III	3	CS 371 OR 470 Database Design or Management	3
FOCUS A Arts & Humanities	3	DSOM 326 Production/Operations Management	3
IT 321 Intro to Computer Resources Administration	3	IT 3XX/4XX IT Specialty Elective	4
MKT 324 Marketing Concepts	3	Physical Science Elective*	3-5
TOTAL	15	TOTAL	16-18

FOURTH YEAR

FALL SEMESTER	HOURS	SPRING SEMESTER	HOURS
CS 420 OR 421A Networking & Applications or Data Networks	3	CS 451R Software Engineering	3
CS 449 Fundamentals of Software Engineering	3	CS 3XX/4XX CS-ECE-IT Elective	3
CS 456 Human Computer Interface	3	IT 491 Internship	3
BUS 3XX/4XX Business Elective	3	General Elective	3
IT 3XX/4XX IT Specialty Elective	3		
TOTAL	15	TOTAL	12

Total Credits to Graduate: 120

*One of the science courses must have a lab.