

BACHELOR OF SCIENCE IN MOLECULAR BIOSCIENCES (BS)

Degree in 3
2017-18

WHAT IS DEGREE IN 3?

Degree in 3 is a partnership between your high school, Metropolitan Community College, and the KU Edwards Campus that allows you to earn college credits in high school, complete an associate's degree one year after graduating, and finish your bachelor's degree two years later.

WHY MOLECULAR BIOSCIENCES?

A bachelor's degree in molecular biosciences offers students a strong background in genetics, microbiology, cell biology and biochemistry, as well as laboratory experience. This degree prepares individuals for life science careers in fields such as biotechnology, pharmaceutical research, or applying to medical or dental school.

HIGH SCHOOL TIMELINE

9th-10th Grade

Develop your academic plan with your high school counselor. Consider selecting up to 30 college credits from the dual credit courses offered through your high school.

10th-12th Grade

Apply and be admitted to Summit Technology Academy Medical Interventions or Biomedical Innovation Academy. Register for Degree in 3. Complete approximately 30 college credits through dual credit or summer enrollment at MCC.

12th Grade: Feb. 1

Apply to MCC for the Associate of Science in Biology. Complete the FAFSA by Feb. 1 and apply for financial aid and scholarships at MCC.

MILESTONE

High School Diploma completion!

STEP 1 Select high school courses from the following list to earn dual credit or early college credit through MCC.

High School Courses	MCC Equivalent Courses	Credit Hours
College Credit English 12	ENGL 101 & ENGL 102	6
Calculus	MATH 180	4-5
Prin. Biomedical Sciences	BIO 1943 *	3
Human Body Systems	BIO 1953*	3
Medical Interventions	BIO 1983*	3
Biomedical Innovation	BIO 1993*	3
Early College Credit @MCC		
General College Chemistry I	CHEM 111	5
Fundamentals of Speech	COMM 100	3
Intro to Amer. Natl. Politics	POLS 136	3
Total		33-34

Notes: Course availability may differ at each individual high school. MCC Equivalent Courses should be verified on the current dual credit schedule.
*Earned through Missouri Science & Technology.



 KSDegreeStats.org

degreein3.ku.edu

 THE UNIVERSITY OF
KU KANSAS
Edwards Campus

MCC TIMELINE

Spring, Senior Year in High School

Attend New Student Orientation at MCC. Meet with MCC Advisor to discuss summer and fall courses, and how to stay on track to earn your AS degree. Utilize the MCC/KU Edwards Transfer Guide.

Fall Semester

Meet with MCC Advisor to plan spring classes. Meet with KU Edwards Advisor to plan transfer to the KU Molecular Biosciences program.

Spring Semester

Apply for admission to KU Edwards by Feb. 1. Complete the FAFSA by Feb. 1 and apply for financial aid and scholarships at KU Edwards. Attend New Student Orientation at KU Edwards.

MILESTONE

Associate's Degree completion!*



STEP 2 Complete the following courses at MCC in your first college year.

Summer term after senior year	Fall	Spring	Summer after College Year 1
CHEM 112 General College Chemistry II	BIOL 123 General Biology for Majors I	BIOL 124 General Biology for Majors II	PHYS 130 General Physics I
	CHEM 221 Organic Chemistry I	CHEM 222 Organic Chemistry II	
	COLL 100 First Year Seminar	HIST 120 US History to 1865 or HIST 121 US History since 1865	
	PHIL 203 Ethics (AE51)	Other course(s) as required for AS degree	

*AS in Biology completion will require reverse transfer of credits from KU Edwards.

Note: Microbiology is NOT required at MCC. This course will be completed at KU Edwards.

KU TIMELINE

Fall Semester 1

Meet with KU Edwards Advisor. Meet with MCC Advisor and apply for graduation for AS in Biology.

Spring Semester 2-Fall Semester 3

Make the most of your degree, and discuss internship, shadowing, and research opportunities with your faculty and community resources.

Spring Semester 4

Apply for graduation by March 1.

MILESTONE

Bachelor's Degree completion!



STEP 3 Complete the following courses at MCC and KU Edwards in Overland Park.

Fall Semester 1	Spring Semester 2
BIOL 405 Lab in Genetics	KU Core Goal 4.2 (AE42)
MATH 365 Statistics	BIOL 416 Cell Structure & Function
BIOL 400+ Major Elective	BIOL 600 Intro to Biochemistry
BIOL 350 Genetics**	BIOL 400 Fundamentals of Microbiology
PHYS 131 General Physics II @MCC	BIOL 402 Fundamentals of Microbiology Lab
Fall Semester 3	Spring Semester 4
BIOL 601 Biochemistry Lab	BIOL 599 Senior Biology Seminar
BIOL 419 or 420 Biology Seminar	BIOL 400+ Major Elective
BIOL 400+ Major Elective	BIOL 430 Molecular Biology Lab
KU Core Goal 4.1 (AE41)	Elective(s) 300+
Elective(s) 300+	BIOL 400+ Major Elective

**Course needed for AS in Biology at MCC.

Curriculum subject to change. Please contact advisor for details. Last updated 5/23/2017 LM.