

Biomedical Sciences (Typical Major)

2024-2025

A Typical BISC Major Curriculum specifically outlines 27cr. Of elective coursework. Many will use these general elective spaces for prerequisites, minors, second majors, and study abroad.

Freshman Year - Fall			Spring		
CHEM 1001	General Chemistry 1	4	CHEM 1002	General Chemistry 2	4
BIOL 1001	General Biology 1	3	BIOL 1002	General Biology 2	3
Elective		3	Elective		3
THEO 1001 or PHIL 1001 (MCC)		3	PHIL 1001 or THEO 1001 (MCC)		3
ENGL 1001 or ESSV1 (MCC)		3	ESSV1 or ENGL 1001 (MCC)		3
BISC 1001	Contemporary Issues in BISC	1			
17			16		
Sophomore Year - Fall			Spring		
CHEM 2111	Organic Chemistry I	4	BISC 3213	Biochemistry (or BISC 3135)	4
Elective		3	Health and Society		3
Elective		3	Elective		3
CORE 1929 Methods of Inquiry (MCC)		3	Statistics		3
DSCV (MCC)¹ SSC, HUM, NSM or ELE		3	DSCV (MCC)^{1,2} SSC, HUM, NSM or ELE		3
16			16		
Junior Year - Fall			Spring		
BISC 3135	Clinical Human Anatomy (or BISC 3213)	4	BISC 4145	Human Physiology	4
BISC Cellular & Molecular (CM)		3	BISC Anatomy & Systems (AS)		3
BISC Anatomy & Systems (AS)		3	BISC Cellular & Molecular (CM)		3
Elective or Writing Intensive (MCC)		3	Elective		3
DSCV (MCC)¹ SSC, HUM, NSM or ELE		3	Elective		3
16			16		
Senior Year - Fall			Spring		
BISC Cellular & Molecular (CM)		3	BISC AS or CM		3
BISC Elective		3	BISC Elective		2
DSCV (MCC)¹ SSC, HUM, NSM or ELE		3	Disease & Pathology (if not taken elsewhere)		3
ESSV2 or Elective		3	CORE 4929 Culminating Course (MCC)		3
Elective		3	Elective		3
Medical Ethics		1	Lab Cognate		1
16			15		
Total Credits				128	

¹ The four courses in the Discovery Tier (DSCV) of the MCC must be completed in the same theme and include the following content areas: Humanities (HUM), Social Science (SSC), Natural Science and Mathematics (NSM) and one elective (ELE), which is an additional course from any of the three content areas.

² Students must complete the Writing Intensive (WRIT) and Engaging Social System and Values 2 (ESSV2) requirements of the Core Curriculum via Discovery tier courses; through courses in a declared major or minor, if offered; or as general electives.

Overall Degree Requirements:

_____ Minimum 128 total credits (test credits, transfer credits and MU credits) with at least 45 credits at MU

_____ Minimum 33 credits in BISC major all credits completed with C- or higher

_____ Minimum of **32 credits of upper division classes** (3000 level or higher) completed at MU

_____ Final 30 credits must be completed at MU (waived for MU approved study abroad)

01/2024