

Biomedical Sciences (Pre-Med or Pre-Dent)

2025-26

*Denotes courses required for most post-grad/professional programs, i.e., medical and dental school.

For MCAT prep, SOCI 1001 is the recommended course for ESSV1.

Freshman Year - Fall			Spring		
BISC 1001	Contemporary Issues in BISC	1	BIOL 1002	General Biology 2	3
BIOL 1001	General Biology 1	3	CHEM 1002	General Chemistry 2	4
CHEM 1001	General Chemistry 1	4	PHIL 1001 or THEO 1001 (MCC)		3
THEO 1001 or PHIL 1001 (MCC)		3	ESSV1 or ENGL 1001 (MCC)		3
ENGL 1001 or ESSV1 (MCC)		3	PSYC 1001 or Elective		3
Elective		3			
		17			16
Sophomore Year - Fall			Spring		
BISC 3135	Clinical Human Anatomy	4	BISC 3213	Biochemistry	4
CHEM 2111	O-Chem 1	4	CHEM 2112	O-Chem 2	4
MATH 1410 (or higher)* or Elective		3	Statistics		3
CORE 1929 Methods of Inquiry (MCC)		3	BIOL 2001		3
DSCV (MCC)¹ SSC, HUM, NSM or ELE		3	DSCV (MCC)^{1,2} SSC, HUM, NSM or ELE		3
		17			17
Junior Year - Fall			Spring		
PHYS 1001 (can move to sr. year for dental)		4	PHYS 1002 (can move to sr. year for dental)		4
BISC 4145	Human Physiology	4	BISC Anatomy & Systems (AS)		3
BISC Anatomy & Systems (AS)		3	BISC Cellular & Molecular (CM)		3
Elective or Writing Intensive (MCC)		3	Health and Society		3
DSCV (MCC)¹ SSC, HUM, NSM or ELE		3	Medical Ethics Cognate		1
		17			14
Senior Year - Fall			Spring		
BISC Cellular & Molecular (CM)		3	BISC Additional Content (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
Elective or ESSV2		3	CORE 4929 Culminating Course (MCC)		3
Elective		3	Elective		4
		15			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

² Students must complete the Writing Intensive (WRIT) and Engaging Social System and Values 2 (ESSV2) requirements of

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 24 **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)

03/2025