

## Biomedical Sciences

2023-2024

\*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		
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/PSYC		3
<b>THEO 1001 or PHIL 1001 (MCC)</b>		3	<b>ENGL 1001</b>		3
<b>PHIL 1001</b>		3	<b>ESSV1</b>		3
BISC 1001	Contemporary Issues in BISC	1			
		17			16
Sophomore Year - Fall			Spring		
BISC 3135	Clinical Human Anatomy	4	CHEM 2112*	Organic Chemistry 2 or elective	4
	Organic Chemistry (CHEM 2111* or BISC 2050)	4	Biochemistry	BISC 2070 or 3213* (4 cr.)	3
MATH (1400 or higher)* or Elective		3	Statistics		3
<b>CORE 1929 Methods of Inquiry (MCC)</b>		3	Elective or Writing Intensive (MCC)		3
<b>DSCV (MCC)<sup>1</sup> SSC, HUM, NSM or ELE</b>		3	<b>DSCV (MCC)<sup>1,2</sup> SSC, HUM, NSM or ELE</b>		3
		17			16
Junior Year - Fall			Spring		
PHYS 1001* or Elective		4	PHYS 1002* or Elective		4
BISC 4145	Human Physiology	4	BISC Anatomy & Systems (AS)		3
BISC Anatomy & Systems (AS)		3	BISC Cellular & Molecular (CM)		3
BIOL 2001* (or other laboratory science)		3	Health and Society		3
<b>DSCV (MCC)<sup>1</sup> SSC, HUM, NSM or ELE</b>		3	Medical Ethics		1
		17			14
Senior Year - Fall			Spring		
BISC Cellular & Molecular (CM)		3	BISC AS or CM		3
BISC Elective		3	BISC Elective (2 cr. if complete BISC 3213)		3
<b>DSCV (MCC)<sup>1</sup> SSC, HUM, NSM or ELE</b>		3	Disease & Pathology (if not taken elsewhere)		3
Elective or ESSV2		3	<b>CORE 4929 Culminating Course (MCC)</b>		3
Elective		3	Elective		4
		15			16
<b>Total Credits</b>					<b>128</b>

<sup>1</sup> 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.

<sup>2</sup> 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)

05/2023