

Biomedical Sciences - Pre-dental Scholars

2023-2024

Freshman Year - Fall			Spring		
BISC 1001	Contemporary Issues in BISC	1	BISC 1030	Introduction to Dentistry	1
CHEM 1001	General Chemistry 1	4	CHEM 1002	General Chemistry 2	4
BIOL 1001	General Biology 1	3	BIOL 1002	General Biology 2	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
Elective		3	Elective		3
17			17		
Sophomore Year - Fall			Spring		
BISC 3135	Clinical Human Anatomy	4	CHEM 2112	Organic Chemistry 2	4
CHEM 2111	Organic Chemistry 1	4	BISC 2070	Biochemistry (or BISC 3213 - 4 cr.)	3
Statistics	min. 3 cr. in MATH or SOCI	3	Health & Society		3
CORE 1929	Methods of Inquiry (MCC)	3	DSCV (MCC)^{1,2} SSC, HUM, NSM or ELE		3
DSCV (MCC)^{1,2}	SSC, HUM, NSM or ELE	3	Elective		3
17			16		
Junior Year - Fall			Spring		
PHYS 1001	General Physics 1	4	PHYS 1002	General Physics 2	4
BISC 4145	Human Physiology	4	BISC Cellular & Molecular (CM)		3
Disease & Pathology		3	BISC AS or CM		3
BIOL 2001*	Principles of Biol. Investigation	3	Medical Ethics		1
DSCV (MCC)^{1,2}	SSC, HUM, NSM or ELE	3	CORE 4929 Culminating Course (MCC)		3
17			3		
17			17		
Senior Year (D1)- Fall			Spring		
BISC 7410	Microbiology (BISC CM)	4	BISC 7516	Biomedical Systems 2 (BISC Elective)	4
BISC 7514	General Histology (BISC AS)	4	Remaining D1 Curriculum**		23
BISC 7515	Biomedical Systems 1 (BISC AS)	3			
Remaining D1 Curriculum**		12			
23			27		

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.

** Individual courses listed in the D1 year curriculum apply towards BISC major requirements. The remaining D1 clinical curriculum credits apply towards the B.S. degree and are included in calculating academic honors at graduation.

Overall Degree Requirements:

_____ Minimum **128 total credits** (test credits, transfer credits and MU credits)

_____ 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 for study abroad)

05/2023