

Biomedical Sciences - Pre-dental Scholars

2025-26

Freshman Year - Fall

BISC 1001	Contemporary Issues in BISC	1
CHEM 1001	General Chemistry 1	4
BIOL 1001	General Biology 1	3
THEO 1001 or PHIL 1001 (MCC)		3
ENGL 1001 or ESSV1 (MCC)		3
Elective		3

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Spring

BISC 1030	Introduction to Dentistry	1
CHEM 1002	General Chemistry 2	4
BIOL 1002	General Biology 2	3
PHIL 1001 or THEO 1001 (MCC)		3
ESSV1 or ENGL 1001 (MCC)		3
Elective		3

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Sophomore Year - Fall

BISC 3135	Clinical Human Anatomy	4
CHEM 2111	Organic Chemistry 1	4
Statistics	min. 3 cr. in MATH or SOCI	3
CORE 1929	Methods of Inquiry (MCC)	3
DSCV (MCC)^{1, 2}	SSC, HUM, NSM or ELE	3

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Spring

CHEM 2112	Organic Chemistry 2	4
BISC 3213		4
Health & Society		3
DSCV (MCC)^{1, 2} SSC, HUM, NSM or ELE		3
Elective		3

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Junior Year - Fall

PHYS 1001	General Physics 1	4
BISC 4145	Human Physiology	4
Disease & Pathology		3
BIOL 2001*	Principles of Biol. Investigation	3
DSCV (MCC)^{1, 2}	SSC, HUM, NSM or ELE	3

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Spring

PHYS 1002	General Physics 2	4
BISC Cellular & Molecular (CM)		3
BISC AS or CM		3
Medical Ethics		1
CORE 4929	Culminating Course (MCC)	3
DSCV (MCC)^{1, 2} SSC, HUM, NSM or ELE		3

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Senior Year (D1)- Fall

BISC 7410	Microbiology (BISC CM)	4
BISC 7514	General Histology (BISC AS)	4
BISC 7515	Biomedical Systems 1 (BISC AS)	3
Remaining D1 Curriculum**		12

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Spring

BISC 7516	Biomedical Systems 2 (BISC Elective)	4
Remaining D1 Curriculum**		21

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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 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 for study abroad)

03/2025