

Biomedical Sciences

2021-2022

*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 | PSYC 1001* or 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 | | |
| BISC 3135 | Clinical Human Anatomy | 4 | CHEM 2112* | Organic Chemistry 2 or elective | 4 |
| CHEM 2111* | Org. Chem. 1 (or BISC 2050 and elective) | 4 | Biochemistry | BISC 2070 or 3213* (4 cr.) | 3 |
| MATH 1410 or Elective | | 3 | Statistics Cognate | | 3 |
| CORE 1929 | Methods of Inquiry (MCC) | 3 | Elective | | 3 |
| DSCV (MCC)^{1,2} | SSC, HUM, NSM or ELE | 3 | DSCV (MCC)^{1,2} | SSC, HUM, NSM or ELE | 3 |
| | | 17 | | | 16 |
| Junior Year - Fall | | | Spring | | |
| PHYS 1001* or Elective | | 4 | PHYS 1002* or Elective | | 4 |
| BISC 4145 | Human Physiology | 4 | BISC Diseases & Pathology Content Area | | 3 |
| BISC Anatomy & Systems Content Area+ | | 3 | BISC Cell & Molecular Content Area | | 3 |
| BIOL 2001* (or other Lab cognate) | | 3 | BISC Health and Society | | 3 |
| DSCV (MCC)^{1,2} | SSC, HUM, NSM or ELE | 3 | Medical Ethics | | 1 |
| | | 17 | | | 14 |
| Senior Year - Fall | | | Spring | | |
| BISC Cell & Molecular Content Area | | 3 | BISC Diseases & Pathology Content Area | | 3 |
| BISC Elective | | 3 | BISC Elective (2 cr. if complete BISC 3213) | | 3 |
| DSCV (MCC)^{1,2} | SSC, HUM, NSM or ELE | 3 | CORE 4929 | Culminating Course (MCC) | 3 |
| Elective | | 3 | Elective | | 3 |
| Electives | | 3 | Elective | | 4 |
| | | 15 | | | 16 |
| 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

(+only 3 cr. of Anatomy and System content apply to major)

_____ 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)

5/2021