

MARSHALL UNIVERSITY COLLEGE OF SCIENCE	
THREE-YEAR BS/MD UNDERGRADUATE PROGRESSION	
First Year	
Fall Term	Spring Term
BSC 120/L (4 cr) ¹ CHM 211 (3 cr) CHM 217 (2 cr) MTH 229 (5 cr) ² or MTH 140 & Critical Thinking (6 cr) UNI 100 (1 cr) <i>Total: 15-16 credits</i>	BSC 121/L (4 cr) CHM 212 (3 cr) CHM 218 or 218H (2 cr) FYS 100 (3 cr) Social Science/Critical Thinking core (3 cr) ³ or MTH 122 <i>Total: 15 credits</i>
Second Year	
Fall Term	Spring Term
BSC core1 (3 cr) ⁴ Genetics BSC core2 (4 cr) ³ Human Physiology CHM 355 (3 cr) ^{Organic I} ENG 101 (3 cr) ⁵ CMM 103 (3 cr) ⁶ <i>Total: 15 – 16 credits</i>	BSC core3 (4 cr) ⁴ Cell Biology CHM 356 (3 cr) ^{Organic II} CHM 361 (3 cr) ^{Organic lab} ENG 201 (3 cr) ⁵ Fine Arts/Multicultural core (3 cr) ⁷ <i>Total: 15 – 16 credits</i>
Third Year	
Fall Term	Spring Term
BSC Core4 (3 – 4 cr) ⁴ Microbiology BSC Elective (3 cr) ⁹ Molecular or Biostatistics (Molecular: fall only) CHM 365 (3 cr) ^{Biochemistry} PHY 201 (3 cr) PHY 202 (1 cr) Writing Intensive core/Social Science (3 cr) ⁸ <i>Total: 16 – 17 credits</i>	BSC Elective (3 cr) ⁴ Animal Physiology BSC Elective (3 cr) ⁹ Biostatistics or approved elective BSC 491 (2 cr) ¹⁰ Capstone PHY 203 (3 cr) PHY 204 (1 cr) Writing Intensive/Humanities core (3 cr) ¹¹ <i>Total: 15 – 16 credits</i>

Student must complete 90 hours to be granted a leave of absence for the purpose of attending a professional school.

Students are encouraged to maximize course credits by selecting courses with multiple attributes.

¹Satisfies Marshall University's Core II Natural Science requirement.

²Satisfies 5 hours of Marshall University's 6 hours Core I Critical Thinking requirements. **If MTH 140 is taken as an alternate calculus**, the Critical Thinking credits will need to be obtained through other CT courses AND a Trigonometry course (MTH 122) must be added to fulfill the prerequisite for Physics 201.

³SOC 200 or 200H and PSY 201 or 201H are **highly recommended by the College of Science and School of Medicine**. SOC 200 satisfies 3 hours of Marshall University's 6 hours Core I Critical Thinking requirements, Core II Social Science Requirement, and the multicultural/international requirement. PSY 201 satisfies 3 of the 6 hours of Marshall University's Core I Critical Thinking requirement, and the Core II Social Science requirement.

⁴Four Biological Science Core Courses are required to earn a biology degree. BS to MD students are required to take the following core classes: BSC 302 Microbiology, 322 Cell Biology, 324 Genetics, 334/L Human Physiology.

⁵Marshall University's English Composition requirement is 6 credit hours. Depending upon ACT Verbal score, this requirement may be satisfied with ENG 201H or ENG 101 and ENG 201 or ENG 200H.

⁶Satisfies Marshall University's Core II Communication Studies requirement.

⁷Satisfies Marshall University's Core II Fine Arts and Multicultural requirements.

⁸Satisfies 3 hours of Marshall University's 6 hour writing intensive requirement.

⁹Required major electives include but are not limited to: Biostatistics (BSC 417), Animal Physiology (BSC 422), and Molecular Biology (BSC 450) OR Molecular Medicine (BSC 451).

¹⁰Satisfies Marshall University's Capstone requirement.

¹¹Satisfies Marshall University's Humanities requirement and 3 hours of Marshall University's 6 hour Writing Intensive requirement.