

B.S. in Biology Degree: Pre-Osteopathic Medicine Track

First Year			
Fall Semester		Spring Semester	
Bio 124/125: Biological Principles & lab	4	Bio 202/203: Zoology & lab	4
Chem 110/111: General Chemistry I & lab	4	Chem 112/113: General Chemistry II & lab	4
Eng 101	3	Eng 102	3
Psyc 101 or Soc 150	3	Psyc 101 or Soc 150	3
Math 210: Calculus or Math 160: Stats	4/3	Math 210: Calculus or Math 160: Stats	4/3
Second Year			
Fall Semester		Spring Semester (apply for early WVSOM track)	
Chem 340/341: Organic Chem I & lab	4	Chem 342/343: Organic Chem II & lab	4
BIO 325: Microbiology & lab	4	BIO 317: Immunology	3
BIO 302/303: Human Anatomy I & lab	4	BIO 328/334: Human Anatomy 2 & lab	4
Phys 101/110: Physics I & lab	4	Phys 102/111: Physics II & lab	4
General Studies	1-2	General Studies	3
Third Year (take MCAT late fall or early spring)			
Fall Semester		Spring Semester (apply to WVSOM)	
BIO 460/461: Molecular Biology & lab	4	BIO 472: Cell Biology	3
BIO 480: Biochemistry I	3	BIO 401: Genetics & lab	4
Restricted Bio elective	3-4	Restricted Bio elective	3-4
General Studies	3-6	General Studies	3-6
Fourth Year			
Fall Semester		Spring Semester	
Restricted Bio Electives	3-8	Restricted Bio Electives	3-8
General Studies	3-4	General Studies	3-4
BIO 479: Internship	3	BIO 480: Capstone	1

Restricted Biology Electives (to total 120h- 10 credits): BIO 356/357: Parasitology; BIO 462: Microbial Pathogenesis; BIO: 426 Comparative A&P; BIO 465: Virology; BIO 200: Botany; BIO 338: Medicinal Botany; BIO 330: Nutrition; BIO 432: Histology; BIO: 423 Pathophysiology; BIO 350: Developmental Biology; BIO 407: Human Genetics

Students **must take** math through Calculus I, Statistics, a Sociology class and a Psych Class