

**Recommended program of study for Pre-Veterinary Medicine 3-4 students
BS in Microbiology/Molecular Biology**

Name: _____ Expected graduation date: _____

UCORE AND COLLEGE OF VET MED REQUIREMENTS: (see catalog or degree audit for more details)

_____ Roots of Contemporary Issues	(3)	_____ Humanities	(3)
_____ Communication	(3)	_____ Creative and Professional Arts	(3)
_____ Written Communication	(3)	_____ Global Diversity	(3)
_____ Inquiry in Social Sciences	(3)	_____ Writing Portfolio (http://www.wsu.edu/~jrpf/)	

Non-Major prerequisites

* _____ Biol 106 Introduction: Organismal	(4)
* _____ Biol 107 Intro: Cell Biology & Genetics	(4)
* _____ Chem 105 Principles I	(4)
* _____ Chem 106 Principles II	(4)
_____ Chem 345 Organic Chemistry I	(4)
_____ Phys 101 General Physics I	(4)
_____ Phys 102 General Physics II	(4)
_____ Math 140 Math for Life Scientists or Math 171 Calculus I	(4)
_____ Math 212 Intro Stat Methods or Stat 412 Stat Methods Res I	(4 or 3)

* A grade of C or better and a cumulative gpa of 2.50 is required to certify in SMB.

MOLECULAR BIOSCIENCES

(A grade of C or better is required in each of the courses below.) (cr) [SMB Prerequisites are listed in brackets]

_____ MBioS 301 General Genetics (Fa/Sp/Su)	(4) [Biol 106, 107, Chem 105, 106]
_____ MBioS 303 Introductory Biochemistry (Fa/Sp/Su)	(4) [Chem 345]
_____ MBioS 304 Micro/Molecular Biology lab(Fa/Sp/Su)	(3) [c// MBioS 303 or 305]
_____ MBioS 305 Gen Microbiology Lecture (Fa/Sp/Su)	(3) [Biol 106, 107, Chem 345]
_____ MBioS 404 Molecular Biology (Fa)	(3) [MBioS 301; 303; 305 or c//]
_____ MBioS 410 Medical Microbiology (Sp)	(3) [MBioS 304; 305; 404 or c//]
_____ [M]MBioS 411 Diagnostic Med Bact (Sp)	(3) [MBioS 410 or c//]
_____ [M]MBioS 494 Senior Project (Fa/Sp)	(3) [senior status]
_____ { MBioS 401 Cell Biology (Sp)	{ (3) [MBioS 301; 303]
OR { MBioS 450 Microbial Physiology (Sp)	{ (3) [MBioS 303; 305]

Students admitted into the DVM Program for Fall semester will complete the undergraduate courses listed above (98 credits). After admittance into the DVM Program the following VM courses will be used to complete the Microbiology degree (24 credits). Consult with the SMB Academic Coordinator for the application for graduation paperwork. Students must pass all VM courses with a minimum grade of C in each course and a WSU cumulative gpa of 2.0 to complete the Microbiology degree.

VM 511 Veterinary Anatomy I	(5)
VM 534 Veterinary Immunology	(3)
VM 535 Veterinary Virology	(3)
VM 536 Veterinary Bacteriology	(4)
VM 537 Veterinary Parasitology	(4)
VM 585 Epidemiology	(2)
VM Elective (with Micro department approval)	(4-5)