

MICROBIOLOGY (MCB)

MCB 620 Prin Medical Microbiology	6 Credit hours	
The study of microorganisms, immunobiology, immunologic diseases, host resistance and the means by which diseases are produced and prevented.		
Grade Mode: Normal Grading Mode		
MCB 622 Curr Topics Molec Biology	1 Credit hour	
Critical discussion of current literature/concepts. Participants present published research papers on topics with a molecular biology component. Presentations are followed by discussion/evaluation of the contribution of the research.		
Grade Mode: Credit/No Credit Grade Only		
MCB 631 Medical Microbiology I	3 Credit hours	
This course will present the major aspects of the field of medical microbiology with emphasis on selected pathogenic organisms.		
Pre-req: BMS 600.		
Grade Mode: Normal Grading Mode		
MCB 632 Medical Microbiology II	2 Credit hours	
This course will present a continuation of the major aspects of the field of medical microbiology with emphasis on the major pathogenic organisms.		
Pre-req: BMS 600 and MCB 631.		
Grade Mode: Normal Grading Mode		
MCB 642 Graduate Microbiology I	4 Credit hours	
An advanced treatment of microbiology with emphasis on the molecular aspects of anatomy, taxonomy, and physiology and genetics of microorganisms.		
Grade Mode: Normal Grading Mode		
MCB 643 Principles of Immunology	3 Credit hours	
Basic principles of the immune response system of humans and related mammals. Concepts of B & T cell function and interrelationships emphasized.		
Grade Mode: Normal Grading Mode		
MCB 648 Molec Aspects of Pathogenesis	3 Credit hours	
An in depth study of molecular mechanisms of bacterial, viral, and immune-mediated disease processes.		
Grade Mode: Normal Grading Mode		
MCB 660 Diagnostic Virology	3 Credit hours	
A comprehensive survey of methodologies used to detect and characterize viral specific antibodies and antigens and the status of cellular immunity in virus infected hosts.		
Pre-req: MCB 620.		
Grade Mode: Normal Grading Mode		
MCB 675 Special Topics	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
MCB 676 Special Topics	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
MCB 677 Special Topics	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
MCB 679 Special Problems	1-3 Credit hours	
Grade Mode: Normal Grading Mode		
MCB 720 Microbiology	6 Credit hours	
Grade Mode: Normal Grading Mode		
MCB 743 Principles of Immunology	3 Credit hours	
Basic principles of the immune response system of humans and related mammalian representatives. The concepts of B and T cell function and their interrelationships will be emphasized.		
Grade Mode: Normal Grading Mode		
MCB 780 Elective Special Projects	1 Credit hour	
Grade Mode: Normal Grading Mode		
MCB 785 Independent Study	1-15 Credit hours	
Independent Study in Microbiology is designed to allow the student the opportunity to work with a faculty member on a topic of special interest.		
Grade Mode: Credit/No Credit Grade Only		
MCB 813 Research in Microbiology	1-18 Credit hours	
Attributes: Thesis		
Grade Mode: Normal Grading Mode		
MCB 814 Clin Lab Microbiol Immun	1-18 Credit hours	
Grade Mode: Normal Grading Mode		