

526-205 Microbes: Infections and Responses

Credit Points:	12.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: 36 lectures (three per week) and 18 hours of practical work Total Time Commitment: 120 hours
Prerequisites:	Biology 650-141 and 650-142.BBiomedSc students: 650-131 and 650-132.
Corequisites:	Microbiology 526-201 and 526-221.BBiomedSc students: 521-213 and 536-250.
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.
Coordinator:	Ms C Power; Ms S Uren
Subject Overview:	Upon completion of this course students should have: <ul style="list-style-type: none"> # sufficient knowledge to form a foundation for future courses in microbiology and immunology; # an understanding of microbial life processes and microbial growth and its control; # an appreciation of the mechanisms by which microorganisms initiate infection, and the basis of the host immune response to infection; # a knowledge of the some of the ways in which infectious disease can be controlled in individuals and in communities, including the use of antimicrobials and vaccines; and # the ability to perform basic microbiological techniques safely and effectively and recognise valid clinical applications of these techniques.
Assessment:	A 10-minute oral presentation during the semester (10%); ongoing assessment of practical reports due during the semester (20%); a 3-hour written examination in the examination period (70%). Satisfactory completion of the laboratory work and written reports is necessary to pass the subject.
Prescribed Texts:	Schaechter's Mechanisms of Microbial Disease (N C Engleberg, V DiRita and T S Dermody), 4th Edn, 2006
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Notes:	Students enrolled in the BSc (pre-2008 BSc), BASc or a combined BSc course will receive science credit for the completion of this subject.
Related Course(s):	Graduate Diploma in Biotechnology