

## 526-313 Medical Microbiology: Cellular Pathogens

<b>Credit Points:</b>	12.500
<b>Level:</b>	Undergraduate
<b>Dates &amp; Locations:</b>	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 33 lectures and three hours of tutorials Total Time Commitment: 120 hours
<b>Prerequisites:</b>	Microbiology 526-201 and 526-221 and preferably one or more of the following: microbiology 526-205, biochemistry 521-211 and 521-212, or genetics 652-214 and 652-215. BBiomedSc students: microbiology 526-201 or 526-205; 521-213 and 536-250.
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	Credit cannot be obtained for this subject if credit has already been obtained for 526-308 (1999 Handbook) or for both 526-311 and 526-312 (2002 Handbook).
<b>Core Participation Requirements:</b>	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. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.
<b>Coordinator:</b>	Prof R Strugnell; Mrs H Cain
<b>Subject Overview:</b>	Upon completion of this subject students should understand and be able to describe: <ul style="list-style-type: none"> <li># how bacteria and parasites cause disease; and</li> <li># how infectious diseases caused by bacteria and parasites are spread, diagnosed, treated and/or prevented.</li> </ul> Students should be able to apply relevant knowledge of microbial pathogenesis, immunity and epidemiology to the determination of appropriate strategies for developing new diagnostic protocols, treatments or vaccines.
<b>Assessment:</b>	A 1-hour written examination held mid-semester (20%); a 3-hour written examination in the examination period (80%).
<b>Prescribed Texts:</b>	Bacterial Pathogenesis - A Molecular Approach (A A Salyers and D D Whitt), 2nd edn, 2002
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Notes:</b>	Students enrolled in the BSc (pre-2008 BSc), BASc or a combined BSc course will receive science credit for the completion of this subject.
<b>Related Course(s):</b>	Bachelor of Arts and Bachelor of Science Bachelor of Arts and Sciences Bachelor of Biomedical Science Bachelor of Science