

526-327 Projects: Microbiology

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: September, - Taught on campus.
Time Commitment:	Contact Hours: Six hours of lectures and 54 hours of practical work. Total Time Commitment: 120 hours
Prerequisites:	Preference will be given to students enrolled in subjects leading to a major in microbiology. BBiomedSc students must be enrolled in stream 7.
Corequisites:	At least one of 526-301, 526-313, 526-302 or 526-314.
Recommended Background Knowledge:	None
Non Allowed Subjects:	Students who have completed 526-322, 526-323 and/or 526-326 prior to 2004 must contact the coordinators to ensure they are not repeating subject material for which they were previously awarded credit.
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:	Assoc Prof Elizabeth Louise Hartland, Mrs Helen Mary Cain
Subject Overview:	<p>Students will carry out experimental work in an area of microbiology selected from topics in medical and general bacteriology, virology, biotechnology and environmental microbiology.</p> <p>On completion of the subject, students should:</p> <ul style="list-style-type: none"> # appreciate the nature of scientific research, including the way in which progress is made and the realities of laboratory-based work; # be able to work effectively as a team member in a small scientific project; # be able to keep clear laboratory notes as experiments progress; # have developed skills in the design, conduct and interpretation of experiments; # have developed the expertise to critically evaluate experimental proposals and findings; and # be able to communicate scientific ideas and findings effectively in both oral and written form.
Assessment:	Attendance at practical classes is compulsory. Students must attend at least 80% of the laboratory-based component to be considered for assessment. Ongoing assessment of laboratory work during the semester (25%); written introduction to project of up to 1000 words due in the third week after the commencement of the subject (10%); written report of up to 3000 words two weeks after completion of the subject (50%); a 10-minute oral presentation of project results during the semester (15%). Satisfactory completion of both the laboratory work and written reports is necessary to pass this subject.
Prescribed Texts:	None
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. This subject is likely to be quota-restricted this year.
Related Course(s):	Bachelor of Biomedical Science Graduate Diploma in Biotechnology
Related Majors/Minors/ Specialisations:	Biotechnology Microbiology