

Honours Program - Zoology

Year and Campus:	2012						
Coordinator:	Dr Graeme Coulson Department of Zoology						
Contact:	<p>Email: gcoulson@unimelb.edu.au (mailto:gcoulson@unimelb.edu.au)</p> <p>For course enquiries about the Bachelor of Science (Degree with Honours) or the Bachelor of Biomedicine (Degree with Honours) in Zoology, please contact:</p> <p>Eastern Precinct Student Centre The Eastern Precinct (building 138) (between Doug McDonnell building and Eastern Resource Centre)</p> <p>http://www.studentcentre.unimelb.edu.au/eastern (http://www.studentcentre.unimelb.edu.au/eastern)</p> <p>Phone: 13 MELB (13 6352) Email: 13MELB@unimelb.edu.au</p>						
Overview:	<p>Honours in Zoology is a one-year program designed to extend students' knowledge and skills through a supervised research project together with advanced coursework in zoology.</p> <p>Admission requirements</p> <p>In addition to satisfying the Bachelor of Science (Degree with Honours) or the Bachelor of Biomedicine (Degree with Honours) entry requirements, students need to have completed at least 50 points of Level 3 Zoology or other relevant biological disciplines.</p> <p>Honours in Zoology is available as start of year intake only.</p> <p>This program provides students with the opportunity to design and conduct, under supervision, independent research. Specific research projects will depend upon the availability of appropriate expertise, but may address a broad spectrum of zoological issues. Students will take responsibility for a research project, including the design of rigorous sampling programs; field and/or laboratory experiments; collection, appropriate statistical analysis, and interpretation of data; and providing oral and written presentations of the results. Students will assimilate and critically evaluate new knowledge within a scientific paradigm, and communicate that knowledge to others. Students should also develop skills in managing a scientific research project, writing scientific reports, providing and responding to peer reviews, and making an oral presentation. Students also complete two coursework subjects, which provide specific training in experimental design, statistical analysis, critical review of research papers and presentation of oral reports.</p>						
Objectives:	<p>The objectives of this subject are to provide students with skills in:</p> <ul style="list-style-type: none"> # conducting research in zoology; # designing rigorous experimental and sampling programs; # taking responsibility for managing a research project; # preparing and giving an oral and written presentation of the results; # expressing persuasive intellectual, scientific arguments; # assimilating and critically evaluating existing knowledge within a scientific paradigm; and # developing a justified budget for their proposed research. 						
Structure & Available Subjects:	<p>Research Students must complete 75 points of research.</p> <p>Coursework Students must complete 25 points of coursework.</p>						
Subject Options:	<p>Research component</p> <p>Students enrol in a total of 75 points of research project across the duration of the Honours program. This is achieved by enrolling in the following subject across two consecutive semesters to achieve a total 75 credit points.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Subject</th> <th style="width: 20%;">Study Period Commencement:</th> <th style="width: 20%;">Credit Points:</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:			
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	ZOOL40005 Zoology Honours Research Project	Semester 1, Semester 2	37.50
Coursework component			
Students must complete the following subject			
	Subject	Study Period Commencement:	Credit Points:
	BIOL90002 Biometry	July	12.50
Plus one of the following			
	Subject	Study Period Commencement:	Credit Points:
	ZOOL90005 Grad Seminar in Reproductive Physiology	Not offered 2012	12.50
	ZOOL90007 Graduate Seminar in Population Biology	Semester 1	12.50
	PHYS90008 Advanced Seminars in Physiology	Semester 1	12.50
Or an alternative coursework subject with the approval of the Honours coordinator.			
Related Course(s):	Bachelor of Biomedicine (Degree with Honours) Bachelor of Science (Degree with Honours)		