

## 485-131 Learning Area (Sec) Science

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	2009, This subject commences in the following study period/s: Year Long, - Taught on campus. Parkville, on-campus.
<b>Time Commitment:</b>	Contact Hours: A total of 36 hours Total Time Commitment: Not available
<b>Prerequisites:</b>	A degree in science, applied science or engineering, including at least one quarter of first-year points or equivalent in each of two different branches of science (eg. biology, chemistry, physics, geology, mathematics).
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<p>&lt;p&gt;For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.&lt;/p&gt;         &lt;p&gt;It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p>
<b>Coordinator:</b>	Dr Maurizio Toscano
<b>Subject Overview:</b>	<p>Issues will include language in science, children in science, negotiating curriculum, Department of Education initiatives, teaching techniques and inclusive curriculum, general science and Year 11 and 12 science curriculum in schools including VCE laboratory techniques and resources.</p> <p>A combined science method program which has a focus on the general science curriculum in Years 7-10 links specialist methods. This is taught separately but is an integral part of the teaching and assessment of each specialist science method.</p> <p>The subject will introduce a variety of approaches to the organisation of and strategies for teaching science in secondary schools; the VCE science study design; key resources relevant to teaching science in secondary schools; valid methods for diagnosis, assessment and evaluations in science teaching at junior and senior levels; planning of units of work from the VCE study design for science and junior science; and will develop personal skills in special areas through the demonstrations, elective program and excursions.</p>
<b>Objectives:</b>	Information not available
<b>Assessment:</b>	Essays and assignments equivalent to 4000 words (100%).
<b>Prescribed Texts:</b>	None
<b>Recommended Texts:</b>	Information Not Available
<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>Generic Skills:</b>	Information Not Available
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