# EVSC30007 Integrated Landscape Analysis

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| **Credit Points:** | 12.5 |
| **Level:** | 3 (Undergraduate) |
| **Dates & Locations:** | 2016, Parkville<br>This subject commences in the following study period/s:<br>Semester 2, Parkville - Taught on campus. |
| **Time Commitment:** | Contact Hours: 9 x four hour lecture/practicals (week 1, 3-4, 6-11); 1 x eight hour practical field trip (week 2); 2 x two hour lectures (weeks 5-12) Total Time Commitment: 170 hours |
| **Prerequisites:** | Students must have completed ECOL20003 Ecology |

| Subject | Study Period Commencement: | Credit Points: |
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| ECOL20003 Ecology | Semester 2 | 12.50 |

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| **Corequisites:** | None |
| **Recommended Background Knowledge:** | |

| Subject | Study Period Commencement: | Credit Points: |
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| ENVS10002 Reshaping Environments | Semester 1, Semester 2 | 12.5 |
| EVSC20005 Contested Resources | Semester 2 | 12.5 |

Disciplinary backgrounds in urban planning, landscape architecture, environmental engineering, biological sciences or similar are also relevant to the subject.

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| **Non Allowed Subjects:** | None |
| **Core Participation Requirements:** | 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. 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: <a href="http://services.unimelb.edu.au/disability">http://services.unimelb.edu.au/disability</a> |
| **Coordinator:** | Prof Ruth Beilin |
| **Contact:** | **rbeilin@unimelb.edu.au (mailto:rbeilin@unimelb.edu.au)** |
| **Subject Overview:** | This capstone subject takes students through the process of analysing a practical natural resource system (a management issue or site development) and writing a management plan. In groups, students will draw upon diverse frameworks they have learnt in other parts of their degree to analyse the issue or site and then consider sustainable pathways for it. Teaching in the subject will focus on guiding students through the analysis process. Topics may include conceptualising site analysis, collection of data, integration of data of different kinds, evaluation and presentation of management plans.<br>The subject will be structured around a project in which students will work in teams to assess and plan management approaches for problems associated with an urban or rural landscape. The subject will allow students to explore real problems under the guidance of academic staff and industry representatives. The project will be structured to emphasize ecological, social, spatial, temporal and economic interactions. |

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| **Learning Outcomes:** | On completion of this subject, students should be able to:<br># Select appropriate disciplinary approaches to analyse landscape systems<br># Collect, analyse and present data relating to a landscape issue or site for planning purposes<br># Analyse objectives and challenges for a particular landscape issue or site<br># Integrate complex information and ideas to propose options for addressing these objectives and challenges<br># Analyse environmental and social consequences within a landscape context for the proposal and an appropriate baseline<br># Communicate key elements of |
| **Assessment:** | Group project proposal, 700 words + 5-10 minute group oral presentation, due week5, (30%) Individual project report, 1500 words due week 10 (40%) Group project seminar, 20-30 minute group oral presentation, due week 11 (20%) Individual evaluation report, 500 words, due week 12 (10%) |
| **Prescribed Texts:** | None |
| **Breadth Options:** | This subject potentially can be taken as a breadth subject component for the following courses:<br># **Bachelor of Arts (https://handbook.unimelb.edu.au/view/2016/B-ARTS)**<br># **Bachelor of Music (https://handbook.unimelb.edu.au/view/2016/B-MUS)**<br>You should visit **learn more about breadth subjects (http://breadth.unimelb.edu.au/breadth/info/index.html)** and read the breadth requirements for your degree, and should discuss your choice with your student adviser, before deciding on your subjects. |
| **Fees Information:** | Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees |
| **Generic Skills:** | This subject contributes to the development of generic skills. On completion, students should have further developed their skills in:<br># Analysis of complex problems<br># Written communication<br># Ability to work as a team member<br># Synthesis of data with other information<br># Critical thinking<br># Application of theory to practice |
| **Related Majors/Minors/ Specialisations:** | Environments Discipline subjects<br>Landscape Ecosystem Management major |