

Faculty	Natural Sciences		
Home Department	Biodiversity and Conservation Biology		
Module Topic	Environmental and Sustainability Studies		
Generic Module Name	Living Landscapes		
Alpha-numeric Code	ESS333		
NQF Level	7		
NQF Credit Value	30		
Duration	Semester		
Proposed semester to be offered	Second Semester		
Programmes in which the module will be offered	BA (Environmental & Sustainability Studies) (2101)		
Year level	3		
Main Outcomes	<p>On completion of this module students should be able to:</p> <ul style="list-style-type: none"> • Visually analyse landscapes from photography to satellite imagery. • Interpret human impacts on landscapes. • Employ standard conventions to write and illustrate professional scientific reports 		
Main Content	<ul style="list-style-type: none"> • Biodiversity concepts such as South African vegetation types and biomes; • Disturbance ecology; • Fragmentation and use of corridors for developing biodiversity networks; • Non-equilibrium ecosystem dynamics (chaos models, state and transition models and tipping points) 		
Pre-requisite modules	ESS212 and ESS221		
Co-requisite modules	ESS334, ESS332		
Prohibited module Combination	BDC332		
Breakdown of Learning Time	Hours	Timetable Requirement per week	Other teaching modes that does not require time-table
<i>Contact with lecturer / tutor:</i>	21	<i>Lectures p.w.</i>	3
<i>Assignments & tasks:</i>	11	<i>Practicals p.w.</i>	2
<i>Practicals:</i>	14	<i>Tutorials p.w.</i>	0
<i>Assessments::</i>	10		
<i>Selfstudy:</i>	30		
<i>Other:</i>	8		
Total Learning Time	100		
Methods of Student Assessment	Continuous Assessment (CA): 60% Final Assessment (FA): 40%		
Assessment Module type	Continuous and Final Assessment (CFA)		