

<b>Faculty</b>	Natural Sciences			
<b>Home Department</b>	Biodiversity and Conservation Biology			
<b>Module Topic</b>	Introduction to Science			
<b>Generic Module Name</b>	Introduction to Science 153			
<b>Alpha-numeric Code</b>	<b>ISC153</b>			
<b>NQF Level</b>	5			
<b>NQF Credit Value</b>	30			
<b>Duration</b>	Year			
<b>Proposed semester to be offered.</b>	Both Semesters			
<b>Programmes in which the module will be offered</b>	BSc (Applied Geology) (3011), BSc (Biodiversity and Conservation Biology) (3015), BSc (Biotechnology) (3007), BSc (Chemical Sciences) (3019), BSc (Computer Science) (3023), BSc (Environmental and Water Science) (3027), BSc (Mathematical and Statistical Sciences) (3031), BSc (Medical Bioscience) (3035) and BSc (Physical Science) (3120)			
<b>Year level</b>	1			
<b>Main Outcomes</b>	<p>On completion of this module students should be able to:</p> <ul style="list-style-type: none"> <li>Engage actively in the processes of reading and writing to learn.</li> <li>Identify and use appropriately some of the specialist language of your fields of study.</li> <li>Read a range of texts effectively, purposefully, critically, and with comprehension.</li> <li>Extract and categorise information to facilitate effective learning strategies.</li> <li>Summarise and paraphrase texts effectively.</li> <li>Collect information efficiently for research and writing purposes.</li> <li>Use computers and other technology to competently demonstrate your learning.</li> <li>Accurately represent authors' ideas without plagiarizing.</li> </ul>			
<b>Main Content</b>	<ul style="list-style-type: none"> <li>Reading and writing scientific texts</li> <li>Giving oral presentations.</li> <li>Improving quantitative literacy, logic, approaches to problem-solving, linking these to other modules Using a computer operating system, email and the Internet, applications software and the integration of these application programmes.</li> <li>Applying the principles of co-operative learning and teamwork, time-management, diversity, career-planning.</li> </ul>			
<b>Pre-requisite modules</b>	None			
<b>Co-requisite modules</b>	PHY151 or LFS151; MAM151 or MAM150			
<b>Prohibited module Combination</b>	None			
<b>Breakdown of Learning Time</b>	<b>Hours</b>	<b>Time-table Requirement per week</b>		<b>Other teaching modes that does not require time-table</b>
Contact with lecturer / tutor:	84	Lectures p.w .	5	
Assignments & tasks:	56	Practicals p.w .	1 x 3	
Practicals:	84	Tutorials p.w .	0	
Assessments	18	Workshop p.w .	3	
Self study	58			
Other:	0			

<b>Total Learning Time</b>	<b>300</b>			
<b>Method of Student Assessment</b>	Continuous Assessment (CA): 100% Final Assessment (FA): 0%			
<b>Assessment Module type</b>	Continuous Assessment (CA)			