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|---|--------------------------|--------------------------------------|---------------------------|
| <b>Course title:</b> Ecology  |                          |                                      |                           |
| <b>Course code:</b> NRE 121   | <b>No. of credits:</b> 3 | <b>L-T-P:</b> 33-08-08               | <b>Learning hours:</b> 45 |
| <b>Pre-requisite course code and title (if any):</b>  |                          |                                      |                           |
| <b>Department:</b> Natural and Applied Sciences   |                          |                                      |                           |
| <b>Course coordinator:</b>  |                          | <b>Course instructor:</b>            |                           |
| <b>Contact details:</b>   |                          |                                      |                           |
| <b>Course type:</b> Core  |                          | <b>Course offered in:</b> Semester 1 |                           |
| <p><b>Course Description</b></p> <p>The course will lead the students through the different levels of the living world starting with the biology of organisms, continues through populations and introduces finally in communities. In the last part of the course the students will be introduced to landscape and ecosystem restoration related to each of those levels.</p> <p>The course work will be guided by work on scientific papers and field experience.</p>   |                          |                                      |                           |
| <p><b>Course objectives</b></p> <ul style="list-style-type: none"> <li>• The course will introduce students to the techniques that ecologists use to develop hypotheses and observe these in the field</li> <li>• To draw through different levels of the living world (organism, populations, communities, ecosystems, landscape, biomes and biosphere)</li> <li>• To introduce and work on case studies related to each of these levels.</li> <li>• To help student possess good communicating skills, problem-solving and writing skills.</li> </ul> |                          |                                      |                           |