

## University of Pretoria Yearbook 2020

## Population ecology 351 (ZEN 351)

| Qualification          | Undergraduate                                |
|------------------------|--|
| Faculty                | Faculty of Natural and Agricultural Sciences |
| Module credits         | 18.00  |
| Programmes             | BSc Ecology                                  |
|                        | BSc Entomology                               |
|                        | BSc Environmental Sciences                   |
|                        | BSc Zoology                                  |
| Service modules        | Faculty of Education                         |
| Prerequisites          | No prerequisites.                            |
| Contact time           | 2 practicals per week, 4 lectures per week   |
| Language of tuition    | Module is presented in English               |
| Department             | Zoology and Entomology                       |
| Period of presentation | Quarter 1                                    |

## Module content

Scientific approach to ecology; evolution and ecology; the individual and its environment; population characteristics and demography; competition; predation; plant-herbivore interactions; regulation of populations; population manipulation, human population. Examples throughout the module are relevant to the sustainable development goals of Life on Land and Good Health and Well-being.

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