

## University of Pretoria Yearbook 2016

## Invertebrate biology 251 (ZEN 251)

| Qualification          | Undergraduate  |
|------------------------|--|
| Faculty                | Faculty of Natural and Agricultural Sciences                 |
| Module credits         | 12.00  |
| Programmes             | BEd Senior Phase and Further Education and Training Teaching |
|                        | BSc Biochemistry   |
|                        | BSc Biological Sciences                                      |
|                        | BSc Biotechnology  |
|                        | BSc Chemistry  |
|                        | BSc Ecology  |
|                        | BSc Entomology   |
|                        | BSc Environmental Sciences                                   |
|                        | BSc Genetics   |
|                        | BSc Geography  |
|                        | BSc Geoinformatics   |
|                        | BSc Human Physiology   |
|                        | BSc Microbiology   |
|                        | BSc Physics  |
|                        | BSc Plant Science  |
|                        | BSc Zoology  |
| Service modules        | Faculty of Education   |
| Prerequisites          | ZEN 161 GS or TDH  |
| Contact time           | 4 lectures per week, 1 practical per week                    |
| Language of tuition    | English  |
| Academic organisation  | Zoology and Entomology                                       |
| Period of presentation | Quarter 1  |



## Module content

Origin and extent of modern invertebrate diversity; parasites of man and domestic animals; biology and medical importance of arachnids; insect life styles; the influence of the environment on insect life histories; insect phytophagy, predation and parasitism; insect chemical, visual, and auditory communication; freshwater invertebrates and their use as biological indicators.

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