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# University of Pretoria Yearbook 2017

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## Animal physiology 311 (DFS 311)

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| <b>Qualification</b>          | Undergraduate  |
| <b>Faculty</b>                | <a href="#">Faculty of Natural and Agricultural Sciences</a>                                   |
| <b>Module credits</b>         | 10.00  |
| <b>Programmes</b>             | <a href="#">BScAgric Animal and Pasture Science</a><br><a href="#">BScAgric Animal Science</a> |
| <b>Prerequisites</b>          | DAF 200  |
| <b>Contact time</b>           | 2 lectures per week  |
| <b>Language of tuition</b>    | Separate classes for Afrikaans and English   |
| <b>Academic organisation</b>  | Animal and Wildlife Sciences   |
| <b>Period of presentation</b> | Semester 1   |

### Module content

Homeostasis and Homeorhesis in animals: Thermoregulation. Adaptation of glucose, lipid and protein metabolism in response to short and long-term changes in the supply and balance of nutrients and to changes in tissue demand for nutrients during different physiological states. Deviations from normal homeostasis, metabolic diseases and the prevention thereof. Pathogenesis of inflammation and infections; immunity.

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