

## University of Pretoria Yearbook 2022

## Agricultural science and technology policy 832 (LEK 832)

| Qualification          | Postgraduate                                      |
|------------------------|---|
| Faculty                | Faculty of Natural and Agricultural Sciences      |
| Module credits         | 15.00   |
| NQF Level              | 09  |
| Service modules        | Faculty of Economic and Management Sciences       |
| Prerequisites          | Registration for at least a master's degree       |
| Contact time           | 1 discussion class per week, 1 lecture per week   |
| Language of tuition    | Module is presented in English                    |
| Department             | Agricultural Economics Extension and Rural Develo |
| Period of presentation | Semester 1 or Semester 2                          |

## **Module content**

The basic definitions and concepts related to agricultural science policy. An overview of the trends in research investment, capacity development in the field of agricultural research, juxtaposed against the regional and international performance in this field. The application of concepts and methodologies used in project planning and management with respect to research evaluation and monitoring. Productivity analysis and its use in evaluating technological change, the determination of the RandD effects in terms of agricultural research and development. Case studies dealing with current topics in agricultural science policy highlighting the application of the methodologies learned.

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