

## 3.5 Department of Food Science

### 3.5.1 MSc in Food Science

#### Programme Code

2841011

#### Specific Admission Requirements

- A four-year BSc in Food Science degree, a three-year BSc Food Science degree with a BScHons in Food Science, or a three-year BSc with Chemistry or Biochemistry on final-year level with an honours degree.
- Supplementary Food Science modules, as prescribed by the Department of Food Science, must be taken if you only qualify for the three-year BSc with Chemistry or Biochemistry on final-year level with an honours degree.
- An average final mark of 60% for the final-year modules.

#### Duration of Programme

This programme extends over a minimum of one year but may take longer to complete.

#### Programme Content

You choose your research project for the master's programme in consultation with your supervisor.

#### Compulsory Module

21210: Food Science	818(180): Master's thesis
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#### Assessment and Examination

After completion of the research you must submit a thesis to the satisfaction of the examiners and present a seminar. You will be expected to defend your thesis during this seminar.

#### Enquiries

Prof GO Sigge

Tel: 021 808 3581

E-mail: gos@sun.ac.za

### 3.5.2 MSc in Food and Nutrition Security

#### Programme Code

6591001

#### Specific Admission Requirements

- An applicable BSc degree in the Natural Sciences (NQF level 7) and an honours degree (NQF level 8), or a professional BSc in Food Science degree (NQF level 8), a three-year BSc Food Science degree (NQF level 7) and a BScHons in Food Science (NQF level 8), or a professional bachelor's degree in the Health Sciences (NQF level 8); or
- A professional bachelor's or honours degree in an applicable Food Science, Health Science or Natural Science field that Senate has approved and that is on NQF level 8 and a minimum final mark of 60% for the applicable qualification completed.

*Please note:* Only a certain number of students are selected each year.

#### Duration of Programme

This programme extends over a minimum of two years.

#### Programme Content

This structured programme is presented mainly by means of technology-mediated teaching and learning, in combination with courses presented on campus. This programme comprises twelve theoretical modules and a research assignment (33% of the total credits). If the academic year extends over 40 weeks, it is expected of the student to utilise 22.5 notional hours per week to complete the programme.

## First Year

### Compulsory Modules

13255: Conceptualising food systems	811(10): Conceptualising food systems
13256: Food safety, hazards & risks	812(10): Food safety, hazards & risks
13257: Human economic development	813(10): Human economic development
13258: Agriculture-nutrition linkages	814(10): Agriculture-nutrition linkages
13259: Food processing & preservation	815(10): Food processing & preservation
13261: Introduction to epidemiology	841(10): Introduction to epidemiology
13262: Macro- & micronutrients & health	842(10): Macro- & micronutrients & health
13263: Functional foods & GMOs	843(10): Functional foods & GMOs
13264: Food chains and consumers	844(10): Food chains and consumers

## Second Year

### Compulsory Modules

13265: Assessing food security	821(10): Assessing food security
13266: Food security project analysis	822(10): Food security project analysis
13267: Food & nutrition policies	823(10): Food & nutrition policies
13533: Research assignment (Human Nutrition)	841(60): Research assignment (Human Nutrition)
OR	
13534: Research assignment (Agricultural Economics)	842(60): Research assignment (Agricultural Economics)
OR	
13535: Research assignment (Food Science)	843(60): Research assignment (Food Science)

## Assessment and Examination

Final marks for the theoretical modules will consist of a class mark (35% – SUNLearn discussions, assignments, tasks) and a written examination (65%). You must obtain a minimum of 50% to pass all individual modules.

The final mark for the research assignment will consist of the following:

- 20% protocol; and
- 80% research assignment. The final mark for the degree consists of 67% course work and 33% research assignment.

## Enquiries

Client Services

Tel: 021 808 9111

E-mail: [info@sun.ac.za](mailto:info@sun.ac.za)

Disclaimer:

The content above comes from the 2023 AgriSciences Calendar (Yearbook). Make sure to consult the full [AgriSciences Calendar](#) to see this extract in context and to check if there have been any changes. Take special note of additional information in the AgriSciences Calendar under section **2. *General Information of Postgraduate Programmes.***