Course Specifications
Valid as from the academic year 2015-2016

Course size
Credits 5.0
Study time 135 h
Contact hrs 60.0 h

Course offerings and teaching methods in academic year 2018-2019
A (semester 1) Dutch seminar: coached exercises 5.0 h
group work 2.5 h
practicum 18.75 h
guided self-study 3.75 h
lecture 30.0 h

Lecturers in academic year 2018-2019
De Cauwer, Benny LA21 lecturer-in-charge

Offered in the following programmes in 2018-2019
Master of Science in Bioscience Engineering: Agricultural Sciences 5 A

Teaching languages
Dutch

Keywords
Weed biology, weed interactions, weed control methods, weed management

Position of the course
The goal is to give an insight into (1) the biology of weeds and (2) the weed flora, its degree of nuisance and its control in crops (temperate+tropical+sub-tropical) as well as in non-crop environments. The theory is supported by practicals in laboratory, greenhouse and field.

Contents
1. Introduction and definitions
2. Positive and negative aspects of weeds
3. Classification and identification of weeds
4. Weed biology
5. Weed control methods (mechanical, chemical, biological, integrated...)
6. Weed flora and weed control in selected crops
7. Weeds and their control in non-crop environments

Initial competences
There are no specific requirements.

Final competences
1. Dispose of knowledge about and insight into the importance of weeds in crop as well as in non-crop environments, their relationship with cropping systems, their control.
2. Be able to identify weeds, collect, organize and interpret information related to them.

Conditions for credit contract
Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract
This course unit cannot be taken via an exam contract

Teaching methods
Guided self-study, group work, lecture, practicum, fieldwork, seminar: coached exercises

(Approved)
Extra information on the teaching methods
   Theory: oral lectures
   Exercises: "hands on" practicals

Learning materials and price
   A syllabus is available (20 Euro). Pdf-versions of all presentations (theory + exercises)
   are made available through Minerva. Cost: 20 EUR

References
   - Hanf M. De akkeronkruiden en hun kiemplanten. Ludwigshafen: Badische Anilin- &
     Soda-Fabrik AG, 347 p.

Course content-related study coaching
   Particularly at the level of the practicals (by appointment or by e-mail with Prof. /
   assistant).

Evaluation methods
   end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period
   Written examination

Examination methods in case of periodic evaluation during the second examination period
   Written examination

Examination methods in case of permanent evaluation
   Assignment, report

Possibilities of retake in case of permanent evaluation
   examination during the second examination period is possible

Extra information on the examination methods
   Theory: period aligned evaluation (70%)
   Exercises: non-period aligned evaluation (30%)

   Students who eschew period aligned and/or non-period aligned evaluations for this
course unit may be failed by the examiner.
   Theory: written (closed book) examination
   Exercises: assessment of reports on individual tasks

Calculation of the examination mark
   Theory: period aligned evaluation (70%)
   Exercises: non-period aligned evaluation (30%)