

Ethnobotany and New Crop Development (I002742)

Cursusomvang (nominale waarden; effectieve waarden kunnen verschillen per opleiding)

Studiepunten 4.0 **Studietijd 120 u**

Aanbodsessies in academiejaar 2023-2024

Lesgevers in academiejaar 2023-2024

Aangeboden in onderstaande opleidingen in 2023-2024 **stptn** **aanbodsessie**

Onderwijstalen

Engels

Trefwoorden

Ethnobotany, domestication, new crop development, sociological research and statistical analyses techniques

Situering

To get acquainted with the principles and methodology of ethnobotanical research and domestication/new crop development. Theory will be matched to research and statistical analysis techniques' presentation and use.

Inhoud

Theory

1. Ethnobotany: history, definitions and present status
2. Ethnobotanical research and statistical analysis techniques
3. Ethnobotany, domestication and new crop development: introductory notions and methodology; case studies: food plants and medicinal plants

Practicals

1. Botany: determination of higher plant species (family level)
2. Sociological interview techniques
3. Domestication and crop husbandry of newly-to-crop plant species: practical sessions in the greenhouse
4. Visit to the living plant collections of the National Botanical Garden of Belgium in Meise
5. Seminar work (on interesting, under-utilized crop species)

Begincompetenties

Limited knowledge of botany is a plus.

Eindcompetenties

- 1 Students are acquainted with both theoretical background and practical aspects of ethnobotanical field research
- 2 Being able to make correct plant determinations and also to start experimental/practical work dealing with plant domestication, propagation and multiplication.

Creditcontractvoorwaarde

Toelating tot dit opleidingsonderdeel via creditcontract is mogelijk mits gunstige beoordeling van de competenties

Examencontractvoorwaarde

Dit opleidingsonderdeel kan niet via examencontract gevolgd worden

Didactische werkvormen

Werkcollege, Excursie, Hoorcollege, Practicum, Zelfstandig werk

Toelichtingen bij de didactische werkvormen

Theory is presented during lectures

Practical sessions include:

1. excursion
2. written assignment and presentation
3. practical skills to be acquired (botanical identification of plant families)

Leermateriaal

Selection of scientific articles, book chapters, reviews

Referenties

Alexiades, M.N. (1996). Selected guidelines for Ethnobotanical Research: A Field Manual. The New York Botanical Garden, New York, 306p

Cotton, C.M. (1996). Ethnobotany Principles and Applications. John Wiley and Sons Ltd., West Sussex, England 424p

Martin, G.J. (1995). Ethnobotany: a methods manual. Chapman & Hall, London, 268 p

Vakinhoudelijke studiebegeleiding

Permanent support through Ufora. Personal contact with lecturer and assistant.

Evaluatiemomenten

periodegebonden en niet-periodegebonden evaluatie

Evaluatievormen bij periodegebonden evaluatie in de eerste examenperiode

Schriftelijke evaluatie met open vragen

Evaluatievormen bij periodegebonden evaluatie in de tweede examenperiode

Schriftelijke evaluatie met open vragen

Evaluatievormen bij niet-periodegebonden evaluatie

Participatie, Werkstuk

Tweede examenkans in geval van niet-periodegebonden evaluatie

Examen in de tweede examenperiode is mogelijk

Toelichtingen bij de evaluatievormen

Theory: written exam with open questions

Practicum:

- skills acquired during practical sessions are evaluated by an open book exam. Presence and participation are taken into account in the final evaluation
- content as well as presentation of the assignment is evaluated.

Eindscoreberekening

Theory: 1/3

Practical exam: 1/3

Assignment: 1/3

Students who eschew period aligned and/or non-period aligned evaluations for this course unit may be failed by the examiner.