



# AU SUMMER UNIVERSITY 2023

INTEGRATED NUTRIENT MANAGEMENT

26 JUNE - 30 JUNE 2023

# INTEGRATED NUTRIENT MANAGEMENT

**In this course, you will learn about the practical integration of farmers, municipalities, farm companies, research, consultancy and legislation in the integrated management of agricultural systems and nutrients, in particular nitrogen.**

Based on excursions, sustainable management of nutrients to help agriculture reduce environmental impacts, are demonstrated via case studies in Western Denmark; a world leading region for integration between intensive farming, livestock production, soil and environmental protection, socio-economy and relationships to rural development. As a lead country in these matters, taking the course in Denmark will help the students to acquire new expertise, new perceptions and a holistic view of the management of nutrients at a global scale and with environmental concerns.

A series of environmental legislations called the Water Environment Plans (WEP) are used as a teaching tool to illustrate these complex issues. The WEP deals,

among other things, with the leaching of nutrients from agricultural fields into the aquatic environment. All important aspects of the WEP related to the course will be explored, and you will meet people who are associated with the WEP in different ways. The course is co-organized between the two leading life science Universities and graduate schools of Aarhus (Denmark) and Hokkaido (Japan), with professors from both universities, and the dNmark alliance and AU Research Centres as teachers. Moreover, a number of study excursions will be arranged so that you can visit the experimental fields and places where the WEP is implemented in practice.

The basic idea of the course is to give you the opportunity to think about and learn how theories are applied in practice. This course is a link between theory and practice. Thereby, it will help the students to gather their own information as take home messages to help them boost their working performance and further studies at their home universities.





AU Summer University welcomes Danish and international full time students, exchange students and free movers.

### APPLICATION

The online application system will open on 16 January 2023.

The application deadline is 15 March 2023

Please visit:

**[au.dk/summeruniversity](https://au.dk/summeruniversity)** for more information on application procedures, housing, location and the social programme.

The course takes place at Innovest in Skjern with daily excursions. Housing and some catering will be covered. The expense is 2000 DKK.

### INTEGRATED NUTRIENT MANAGEMENT

Date: 26 June - 30 June

ECTS: 5

Level: Master's

### TARGET GROUP

A broad range of students from both biological, agricultural and other life sciences at master's level, end bachelor's level and selected PhD students.

### SUMMER UNI IN BRIEF (2019)

**2791** students

**84** courses

**70** nationalities

**46** international guest lecturers

**1** experience of a lifetime

