

ADVANCED WATER CYCLE MANAGEMENT COURSE AUGUST 8th-21st

2027

AU SUMMER UNIVERSITY

AU WaTeC – Aarhus University Cluster for Water Technology, Environment and Cultures in close collaboration with:

AVK, Grundfos, Kamstrup, NIRAS, Water Valley Denmark, I-GIS, Unisense, DHI, CLEAN, and the water utility Aarhus Vand.

AARHUS UNIVERSITY

DO YOU WANT TO UPGRADE YOUR WATER MANAGEMENT SKILLS?

Then sign up for the Water Summer School 2027 and get wiser on how to turn one of the most valuable resources on Earth into a SMART, resilient and sustainable business for the benefit of nature and people's well-being.

This is what you get:

After attending the course, the participant will have:

- Essential knowledge about groundwater mapping and management.
- Profound insight into state-of-the-art SMART water management and how to minimize water loss from the distribution system.
- Input on how to turn a wastewater treatment plant into a net-energy producing facility, seeing wastewater not as a problem but as a valuable resource.
- Direct insight, contact and dialogue with leading Danish technology and solution providers of high-quality products for water and wastewater infrastructure.
- Closer contact to Design Engineering companies that work with water, wastewater and climate adaptation projects.
- Information of the unique collaboration within the Danish water sector across disciplines.
- A strong competitive advantage when applying for jobs in the private or public water utility sector.
- A deeper understanding of the water infrastructure of a modern and sustainable society.
- Access to an international network of students and water professionals, which also provide sharing of experiences from different parts of the world.

This course will be the perfect place to start making a difference

The course is provided by AU WaTeC - Aarhus University Cluster for Water Technology, Environment and Cultures in a unique collaboration with leading Danish technology providers, Danish water utilities and internationally renowned scientists.

A holistic overview of the water flow

The course follows three main topics:

1. **Ground water resources.**
2. **Management of water distribution.**
3. **Wastewater treatment – including resource recovery.**



You will also experience working in teams with other course participants and you will be involved in challenges associated with water management and get the opportunity to give input on how to solve these challenges.

Clean water and sanitation – SDG6

Clean, accessible water for all is an essential part of the world we want to live in. There is sufficient fresh water on the planet to achieve this. But due to bad economics or poor infra-structure, every year millions of people, most of them children, die from diseases associated with inadequate water supply, sanitation and hygiene. Be the change and help carry out the UN Sustainable Development Goals and especially SDG6 about clean water and sanitation. There are still huge challenges to solve; too little, too much and too dirty water.

Application

The online application system will open from January 15th 2027. The application deadline is March 10th 2027.

Please apply at:
au.dk/summeruniversity

ADVANCED WATER CYCLE MANAGEMENT COURSE

Date: August 8th -21st 2027

ECTS: 5

Level: Bachelor accordingly to the admission requirements

TARGET GROUP

The course is open to a maximum of 50 participants and welcomes students and applicants from the industry accordingly to the admission requirements. The unique teachers and student diversity at the course provides an optimal learning environment with ideal conditions for interaction and networking.
Students should expect an intensive, yet rewarding, programme including site visits, and evening lectures.

INFORMATION

Please visit the course homepage:
http://watec.au.dk/water-management-summer-school/

- Course description
- Application procedures
- Admission requirements
- Fees and accommodation

DENMARK AS A FRONT-RUNNER

Denmark is at the forefront in terms of

- Low non-revenue water loss (only 6-8%)
- SMART Water Management with a holistic approach
- Low energy consumption per sold m^3 of drinking water
- Net energy producing wastewater treatment plants

http://watec.au.dk/water-management-summer-school/

The Advanced Water Cycle Management Course excels by its unique collaboration between:
Aarhus University Centre for Water Technology, AVK, Grundfos, Kamstrup, IGIS, Unisense, NIRAS, Water Valley Denmark, CLEAN, DHI, Aarhus Vand,

AARHUS UNIVERSITY
AVK
GRUNDFOS
kamstrup
DHI
WATER VALLEY DENMARK
NIRAS
UNISENSE THE SENSOR COMPANY
Clean The Danish Water & Environmental Cluster
I•GIS
WATEC AARHUS UNIVERSITY CENTRE FOR WATER TECHNOLOGY
aarhusvand