

Lecturers

University of Applied Sciences Magdeburg-Stendal, Germany

Department Water, Environment, Construction and Safety

Prof. Dr.-Ing. Jürgen Wiese

Prof. for Urban water management
- focus wastewater technologies

Dipl.-Ing. Kirstin Neumann

Laboratory Engineer
- focus wastewater

University of Applied Sciences Hof, Germany

Institute for water and energy management

Dr.-Ing. Harvey Harbach

Head of research Group
-Resource-efficient Food Production in integrated Aquaculture”

Industrial University of Ho Chi Minh City, Vietnam

Institute of Environmental Science, Engineering and Management

Assoc. Prof. Dr. Le Hung Anh

Institute Director

Dr. Nguyen Thi Thanh Truc

Department Head

Practice partners

M.Sc. Ho Quang Long
(STD & S Co.Ltd)

Dipl.Ing. Phan Thanh Huy Cuong
(IoT Dai Viet Company)

Conditions of participations

Bachelor or master graduates with at least a good degree, as well as PhD students and young scientist with a masters degree from the Asian region with a discipline in environmental and civil engineering, waste management, biogas.

Participation is limited to 25 attendees.

Application deadline

17th of February 2023

Application via e-mail to:

lehunganh@iuh.edu.vn

Assoc. Prof. Dr. Le Hung Anh
(Project manager in Vietnam)

and/or

kirstin.neumann@h2.de

Kirstin Neumann
(Project manager in Germany)

Application documents

- ▶ Curriculum Vitae,
- ▶ Letter of motivation,
- ▶ Final grade certificate
- ▶ Description of the research interests



2. Summer School

*Sustainable Environmental Technologies
(supported by the DAAD)*

27th of March - 06th of April 2023

At the
Industrial University of Ho Chi Minh City

*in cooperation with the
University of Applied Sciences Magdeburg-Stendal*



Aims

Participants of the Summer School get the possibility to gain basic knowledge about sustainable production technologies.

The lectures are focussed safe resource-efficient food production using aquaculture as an example, as well as water reuse, energy recovery from residual materials and plastics in the environment.

The Summer School will present current studies and research on these topics. For those who are interested in a research stay in Germany, comprehensive information on study and research opportunities will be provided.

The programme was jointly developed by the partner universities IUH (Vietnam) and the H2 Magdeburg-Stendal (Germany) in cooperation with UAS Hof (Germany) and is adapted to their study opportunities.



1st Summerschool in 2022

The programme includes lectures, excursions, project work and German-Vietnamese cultural events.

Extract from the Summer School Programme

- Tasks in waste and water management in Vietnam
- Plastics in the environment – Input Pathways, Environmental impacts/ reduction approaches/ recycling
- Challenges to safe and resource-efficient food production using aquaculture as an example. Aquacultures/ Challenges related to potential pollutants/ Water circuit closures/ Integrated production systems
- Utilization of residual materials and energy recovery
- Recycling and energetic potential of (plastic-) Waste/ bioplastics and PHA-production on the base of residuals from plant production
- Excursions to different surface waters/ Waste collection on site
- Simple waste and water analysis on site and in laboratory
- Simulation game for the development of a sustainable aquaculture management concept
- Information about study and research in Germany including application modalities
- Information about support services through international offices and DAAD-programmes
- Several cultural events

What do You need?

- Interest in modern approaches for sustainable environmental technologies
- Interest in a stay abroad and international networking
- Interest to improve the environmental situation in Vietnam and worldwide
- Good English skills



1st Summerschool in 2022 (Photo: Harbach)



Laboratory works (Photo: Anh)



Shrimpfarm (Photo: Harbach)