

Favourites



Add programmes to your favourites and compare them to find the programme that suits you best.



Groundwater Data Collection and Interpretation

IHE Delft Institute for Water Education

Certificate / Diploma Short course Delft

[Send by email](#) [Save page as PDF](#)

Course description

Qualification Certificate

Field of study Agriculture and environment

Course summary The course deals with hydrogeological mapping and well Inventories, geophysics, exploration drilling and pumping tests, geo-statistics, and quantitative and qualitative groundwater monitoring.

Course description The Groundwater Exploration and Monitoring short course of 3 week duration focuses on practical groundwater issues which hydrogeologists and other professionals in groundwater would like to master. The course discusses the key elements of the principles of Groundwater Exploration methods including hydro-geological mapping, geophysical surveys and drilling techniques, and Groundwater Monitoring involving network design and data analyses. Key lecturers to the course are Dr Y. Zhou, Ir N van der Moot and J.C. Nonner MSc who all have long standing experience in the development and application of groundwater exploration and monitoring theories. The course offers 'face to face' lectures, but class exercises and computer workshops are also a pertinent part of the course. A fieldtrip is foreseen as well.

Study subjects Study subjects: Hydro-geostatistics, Hydrogeological mapping/well inventories, Geophysical methods, Exploration drilling and logging, Pumping tests, Analysis of existing groundwater monitoring systems, Network design, Determination of sampling frequency.

Course objectives After completing the Groundwater Data Collection and Interpretation course, the participant will be able to define groundwater data collection and monitoring programs. He/she will be familiar with the field activities pertaining to groundwater data collection and monitoring, and is able to analyse the gathered data.



ECTS credits 5.00

Duration 3 week(s)
full-time

Language of instruction English

Instruction modes case study, computer exercise, individual assignment, lecture, oral presentation

Accreditation -

About the institution

Department IHE Delft

Information about the institution IHE Delft Institute for Water Education is the largest international graduate water education facility in the world and the only institution in the UN system to confer accredited MSc degrees and promote PhDs. It offers degree programmes, short courses, online courses and tailor-made training. Since 1957 the Institute has provided graduate education to more than 15,000 water professionals from over 160 countries. More than 175 PhD candidates were promoted. IHE Delft is at the centre of a vast international network of water related institutions, and functions as an interface between knowledge networks and centres, public and private sector organizations, scientific and professional associations and other members of the international water community. The Institute runs a substantial number of joint MSc programmes implemented in partnership with universities around the globe. These joint programmes combine the strengths of the collaborating institutions and deliver either multiple degrees or a joint degree.

Admission

Admission requirements

1. Relevant wo bachelor (academic bachelor): BSc degree or equivalent qualification in a relevant field from a recognised university
2. Preferably 2 to 3 years of practical research work experience

Language requirements

IELTS overall band 6
TOEFL internet based 87
TOEFL paper based 999

Professional experience required -

Duration 3 week(s)
full-time

Application deadlines

Start date	EU/EEA Students	Non-EU/EEA students
30 Mar 2020	29 Feb 2020	29 Feb 2020

Year	EU/EEA	Non-EU/EEA	Institutional
2019 (FT)	€ 2910	€ 2910	n.a.



In short, the following rules apply:

- Tuition fees
- The "EU/EEA rate" is the regular fee for students from within the EU/EEA.
 - The "non-EU/EEA rate" is the rate for students from outside the EU/EEA.
 - The "institutional rate" is for all students who have already obtained a bachelor's or master's degree and who want to start a second programme leading to a degree at the same level or at a lower level.
 - Note that FT, PT and D stand for "full-time", "part-time" and "dual", respectively.

Make sure you contact your institution to find out what rate applies to you. The rates listed here are estimates.

Scholarships Orange Knowledge Programmes (OKP), MENA Scholarship Programme , Netherlands Fellowship Programmes (NFP)

For more scholarships, visit: www.grantfinder.nl

Course website [More information about the course](#)

Contact

Claudia Schutter-Brakel

Contact information for the study programme Admission and Fellowship Officer

c.schutter-brakel@un-ihe.org

IHE Delft

Contact information for the institution Student Affairs

info@un-ihe.org

Telephone number

Course website

[More information about the course](#)

Institution website

[More information about the institution](#)

[to search page](#)

