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UNIVERSITY OF TWENTE.

Introduction to Geoinformatics

University of Twente

Certificate / Diploma Short course Enschede

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Course description

Qualification Certificate

Field of study

Mathematics, natural sciences and computer science

Course summary

This course provides the basic theoretical knowledge and hands-on experience required to perceive the synergy within this multidisciplinary production environment.

Course description

Modern geo-information processing organizations aim to excel in domains ranging from spatial data capture, handling and analysing to geo-visualization. Owing to the rising demand for geo-information products, these organizations must work professionally and efficiently to satisfy client demands. Consequently, the requirement for staff to have proper understanding of the entire geo-information production line is of growing significance. This course provides the basic theoretical knowledge and hands-on experience required to perceive the synergy within this multidisciplinary production environment. It will foster improved mutual understanding, collaboration, and the effective exchange of geo-information between the domains, leading to higher-quality output. This course is designed for staff of geo-information production organizations and (private) companies who are working in the domains of geodata acquisition, handling, analysing and/or visualization, and recognize the need for a wider understanding and awareness of the entire geo-information production line to improve efficiency and productivity.

Study subjects

Data acquisition, Geographic Information Systems (GIS) principles, Cartographic output. A project on Remote Sensing, GIS or cartography.

Course

To equip the participant with conceptual and practical knowledge of Geoinformatics. The course focuses on elementary aspects of Data Acquisition, Geographic Information Systems



objectives (GIS) and Cartography.

ECTS credits 0.00

Duration 12 week(s)
full-time

Language of instruction English

Instruction modes case study, computer exercise, excursion, group assignment, group discussion, individual assignment, lecture, literature study, practicum, self study, tutorial, working group

Accreditation NVAO

About the institution

Department Geo-Information Science and Earth Observation

Information about the institution The University of Twente is where talent can best realize its full potential. Students and staff are the key. Together they ensure pioneering research, relevant innovation and inspiring education.

Admission

Admission requirements 1. University entrance level in mathematics for all options.
2. Several years of work experience in relevant field is recommended.

Language requirements	Cambridge Certificate in Advanced English	C1
	Cambridge Certificate of Proficiency in English	C1
	IELTS overall band	5.5
	TOEFL computer based	173
	TOEFL internet based	61
	TOEFL paper based	500

Professional experience required -

Duration 12 week(s)
full-time

Application deadlines	Start date	EU/EEA Students	Non-EU/EEA students
	11 Jan 2021	16 Nov 2020	16 Nov 2020

Year	EU/EEA	Non-EU/EEA	Institutional
2020 (FT)	n.a.	n.a.	€ 3800

In short, the following rules apply:

- 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.



- Tuition fees
- 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

StuNed - Short Courses

For more scholarships, visit: www.grantfinder.nl

Course website

[More information about the course](#)

Contact

Contact information for the study programme

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Contact information for the institution

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Telephone number

Course website

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