

Favourites



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

UNIVERSITY OF TWENTE.

Geoinformatics, with Ardhi University, Dar es Salaam, Tanzania

University of Twente

Certificate / Diploma Short course Enschede

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

Course description

Qualification Certificate

Field of study

Mathematics, natural sciences and computer science

Course summary

The coursework emphasizes on concepts and processes that are used for the production, storage, analysis, visualisation and dissemination of spatial data and geo-information.

Course description

The task of managing land use and the Earth's resources is becoming increasingly important owing to the rising world population and economic growth. To keep pace with this task, planners, resources managers, decision makers and scientists make considerable use of complex, powerful computerised geographical information systems (GIS) and GIS sources in the form of spatial databases and digital (web-based) map products. These users depend on the availability of up-to-date, well-structured and geo-referenced spatial data. Such data can be extracted from aerial photographs, digital images from airborne and space borne sensors, terrestrial surveys or existing databases. To meet the demand, it is essential that geo-information production organisations are staffed by capable and well-trained professionals. The nine-month ITC/ARU diploma course is designed for professionals at technologist level in geo-information production organisations whose prime concern it is to execute the daily operational tasks related to the analysis, processing and dissemination of geographic data. For more information on this course or on other courses, please visit our website at www.itc.nl.

The diploma course consists of three distinct blocks. Basic elements of geo-information



Study subjects	production: Introduction to spatial data acquisition, GIS and cartography. Specialisation in geo-informatics: Options: GIS operation, Cartography and geo-visualisation. Integrated group project: A small multidisciplinary team works on a realistic geo-information production case. Final Assignment: Geo-information production oriented project on individual basis.
Course objectives	Provide participants with theoretical education and practical training to allow digital production of geo-spatial information using state-of-the-art technology with in-depth knowledge in one of the specialization fields of the production process.
ECTS credits	0.00
Duration	9 month(s) full-time
Language of instruction	English
Instruction modes	case study, computer exercise, excursion, group assignment, group discussion, individual assignment, lecture, literature study, research project, oral presentation, 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	<ol style="list-style-type: none"> University entrance level in mathematics for all options, plus university entrance level in geography for cartographic option. Three years of relevant work experience 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	9 month(s) full-time	
Application deadlines	Start date	EU/EEA Students Non-EU/EEA students
	28 Oct 2019	3 Sep 2019 3 Sep 2019



Year	EU/EEA	Non-EU/EEA	Institutional
2019 (FT)	n.a.	n.a.	€ 4635

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

-

For more scholarships, visit: www.grantfinder.nl

Course website

[More information about the course](#)

Contact

Contact information for the study programme

Pien Broenink

education-itc@utwente.nl

Contact information for the institution

Studie Informatiecentrum

study info

study@utwente.nl

Telephone number

Course website

[More information about the course](#)

Institution website

[More information about the institution](#)

[to search page](#)

