

**CARTO
E+ JMD CARTOGRAPHY****Duration**

2 years

Course description

The E+ JMD CARTOGRAPHY Master of Science aims to provide qualifications for entry into the professions in the area of cartography research, map publishing, Internet mapping, geographic information systems (GIS). Over 4 semesters (120 ECTS), the students attend four universities. The first semester occurs at TU München in Germany. The second semester takes place at TU Wien in Austria. During the third semester students will study at TU Dresden in Germany. The fourth semester will take place at the University of Twente in The Netherlands where students will prepare their Master's thesis. All the courses will be taught in English. The partner universities jointly contribute with teaching modules that are reasonably integrated into a consecutive curriculum. The curriculum incorporates and highlights the methods and applications in spatial data modelling, analysis and in particular visualization of geographic information. An introduction to German and Dutch culture and language will be given to the students. The programme has an intake between 15 and 20 students per year. Between the second and third semester students can additionally choose to attend an internship, offered by associated programme partners (eminent European companies or research institutions). Students are supposed to be trained for taking part in research projects and aim for continuation of their studies for the PHD degree. A Joint Degree will be awarded by TU München, TU Wien and TU Dresden and the involvement of the University of Twente is reflected through a Diploma Supplement. Highlights of the programme are well reputable scientists contributing with guest lectures, attractive excursions to research institutions and eminent cartographic companies and an introduction seminar held in the Bavarian Alps at the beginning of the programme. As the only truly international Master of Science in "Cartography" in Europe and a very high concentration of scientific competence in cartography this innovative programme holds unique features not only in Europe, but also worldwide and provides excellent job opportunities. This new Master programme will set innovative standards in the international cartography education and research.

Web sitewww.tum.de**Partners**

TECHNISCHE UNIVERSITÄT MÜNCHEN, Germany (coordinating institution)

TECHNISCHE UNIVERSITÄT DRESDEN, Germany

UNIVERSITEIT TWENTE, The Netherlands

TECHNISCHE UNIVERSITÄT WIEN, Austria

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