



Mathematics
and Geoinformation

Faculty of Mathematics and Geoinformation

Faculties Website

<https://institute.tuwien.ac.at/fakmatgeo/home/>

We are delighted that you are interested in the Faculty of Mathematics and Geoinformation. On our website you will find a lot of information about the studies offered at this faculty and about our main research topics. The fact that the departments of Mathematics and Geodesy/Geoinformation are combined in one faculty is certainly for historical reasons at first. For example, former land surveying was called practical geometry, and the word "geometer" is still used today for a geodesist. But even in modern research there are numerous references to these two disciplines. For example, in wide areas of geodesy (e.g. in higher geodesy or remote sensing) complex mathematical-numerical methods and algorithms are used. Please take a look at the study possibilities and research foci of the faculty. Both faculties are represented by internationally renowned scientists who conduct research at the highest level.

JOIN TU WIEN FOR A MASTER´S DEGREE PROGRAMME.

Master´s Degree Programmes	Link and more Information
General Information (Admission, Fees, etc.)	https://www.tuwien.at/en/studies/international/virtual-welcome-centre/international-masters-degree-students/
Master's Programme Geodesy and Geoinformation	https://www.tuwien.at/en/studies/studies/master-programmes/geodesy-and-geoinformation/
International Master's Programme Cartography	https://www.tuwien.at/en/studies/studies/master-programmes/geodesy-and-geoinformation/
Master's Programme Technical Mathematics	https://www.tuwien.at/en/studies/studies/master-programmes/technical-mathematics/
Master's Programme Statistics and Mathematics in Economics	https://www.tuwien.at/en/studies/studies/master-programmes/technical-mathematics/
Master's Programme Financial and Actuarial Mathematics	https://www.tuwien.at/en/studies/studies/master-programmes/technical-mathematics/
Master's Programme Mathematical Modelling in Engineering: Theory, Numerics, Applications	https://www.tuwien.at/en/studies/studies/master-programmes/technical-mathematics/

Special recommendation (best student staff ratio)	Link and more Information
Geodesy and Geoinformation	https://www.tuwien.at/en/studies/studies/master-programmes/geodesy-and-geoinformation/
Biomedical Engineering (inter-faculty)	Taught in English https://www.tuwien.at/en/studies/studies/master-programmes/biomedical-engineering/
Computational Science and Engineering (inter-faculty)	Taught in English https://www.tuwien.at/en/studies/studies/master-programmes/computational-science-and-engineering/
Environmental Engineering (inter-faculty)	Master's Programme starts winter semester 21/22 Bachelor's Programme https://www.tuwien.at/en/studies/studies/bachelor-programmes/environmental-engineering/

TAKING YOUR DOCTORATE (PhD) AT TU WIEN.

There are three main scientific directions for doctoral studies. Each field of study offers all or one or two of these main directions.

- Doctor of Technical Sciences (abbreviated to Dr.techn.)
- Doctor of Natural Sciences (abbreviated to Dr.rer.nat.)
- Doctor of Social and Economic Sciences (abbreviated to Dr.rer.soc.oec.)

APPLICATION AND PREREQUISITES

Admission requirements for doctoral studies at the TU WIEN are the completion of a relevant Master's degree programme :Please submit your official application to ADMISSION OFFICE. There you can find all necessary information and documents.

<https://www.tuwien.at/en/studies/international/virtual-welcome-centre/international-doctoral-students/>

FINDING A SUPERVISOR OR APPLY

In order to complete a doctorate at TU Wien, a qualified academic at the university must be prepared to supervise your dissertation. For this purpose you should visit the website for the institute of the faculty in which you would like to study and contact the relevant professor directly. Alternatively you can check TUW Career Portal for PhD job offers called „Prae-Doc“. Most of doctoral students at the TU Wien are employed. <https://jobs.tuwien.ac.at/Job>

SEARCH FOR CURRENT PhD VACANCIES (Prae-Doc positions)

<https://www.tuwien.at/en/tu-wien/working-at-tuw/vacancies/>