

TU Wien's New English Master's Program in Geodesy

Alexandra Von Beringe (Austria)

Key words: Curricula; Education; Young surveyor

SUMMARY

The field of geodesy is undergoing rapid transformation, driven by advancements in technology and a growing need for skilled professionals in a globalized world. In response to these developments, Technische Universität Wien (TU Wien) has introduced a new, internationally-oriented Master's program in Geodesy, now offered entirely in English. □□ This program aims to meet the demands of the modern geospatial industry by providing a comprehensive curriculum that blends theoretical foundations with cutting-edge practical applications. It covers key topics such as satellite positioning, geodetic measurement techniques, geospatial data analysis, and geoinformatics, while also fostering interdisciplinary knowledge in related fields like environmental monitoring and geophysics. □□ The new program not only enhances the global employability of graduates but also strengthens TU Wien's position as a leading institution for geodesy research and education. □□ This presentation will outline the objectives, structure, and unique features of the Master's program. It will also discuss the program's emphasis on fostering international collaboration and providing students with a strong foundation for pursuing careers in both academia and industry.

TU Wien's New English Master's Program in Geodesy (13408)
Alexandra Von Beringe (Austria)

FIG Working Week 2025
Collaboration, Innovation and Resilience: Championing a Digital Generation
Brisbane, Australia, 6–10 April 2025