

International Master's Programme in TVET (IMP-TVET)



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TVET has a central significance for the organization and the design of school-to-work-transition and forms an important basis for life-long learning. The professionalism of TVET teachers is crucial to ensure that graduates are adequately prepared for their occupational work and careers and that the thresholds between the education in schools and vocational training as well as between vocational training and the employment system are kept low. Within international competition, the quality of vocational initial and further training has become an important factor, above all in countries facing actual challenges in adjusting economic and employment systems. The strengthening of pedagogical, technical and managerial competences of TVET personnel and the permanent modernization of its qualification has been embedded as a focus topic in the global agenda for sustainable development.

Specifically actual requirements resulting from so called "Digital and Green Transformation" drive demands for a development of adequate future oriented competences of TVET teaching and management personnel which must be able to act, manage and lead in complex processes of TVET practice, planning and development. These requirements need to be addressed by work and business process orientation, context-oriented learning and shall be safeguarded by an adequate future-oriented qualification of TVET teaching, management and planning personnel.

The **IMP-TVET** is tailored to above described dimensions and demands for international TVET professionals from educational institutions such as vocational schools, companies, and universities, and as well ministries, chambers, and associations. This international oriented programme is designed demand-oriented in an online-learning format.

Experts accompany the students during the entire study programme and support them in their professionalization and competence development.

General programme information:

Format: online classes

Language: English

Programme Fees: 7.500 Euros per semester

Duration of studies: 4 semesters, 120 ECTS (120 CP)

Final degree: Master of Science (M.Sc.) in "International Technical and Vocational Education and Training".

The degree qualifies for subsequent PhD-studies.

Implementation partner:

Otto-von-Guericke-University Magdeburg

Closing date for applications:

Winter term: 15th of May

Summer term: 15th of November

The GIZ TVET Academy :

The GIZ TVET Academy is an organizational unit of GIZ - Academy for International Cooperation (AIZ) – and can rely on 50 years of experience in diverse areas of capacity and competence development in international TVET cooperation. The GIZ TVET Academy designs and implements training measures in a wide range of thematic areas of TVET with focus on target groups on macro-, meso- and implementation level. Services of the TVET Academy are offered for programme partners of GIZ projects in the non-profit sector, contract based on behalf of third parties and publicly accessible (non-academic and academic).

The TVET Academy is characterized by proven longstanding technical and regional expertise, as well as an expansive network of experts and cooperation partners in the field of international technical and vocational education and training.

The offers of the TVET Academy optimally combine knowledge acquisition and practical learning for teaching and management staff of school-based and in-company vocational training. The acquisition of pedagogical and didactical competencies is always carried out under consideration of the specific technical requirements in the respective sector and current trends (e.g. digitalisation, industry 4.0, sustainability and green skills).

The TVET Academy pays particular attention to fostering cooperation with the private sector, as well as among other TVET stakeholders, e.g. educational, research and scientific institutions.



www.giz.de/tvet-academy

Implementation partner of the IMP-TVET: Otto-von-Guericke-University Magdeburg (OVGU)

The OVGU sees itself as a profile university and strives for a sharply contoured and lean structure, which has a traditional focus on engineering and natural sciences as well as medicine, and sees economics, social sciences and humanities as indispensable disciplines for a modern university. A comprehensive internationalization of research and teaching is seen by the OVGU as elementary for further development of its profile. In teaching, the OVGU demands a highly qualified, scientific education that is oriented to the current state of research as well as to the requirements of practice. Over 14,000 students, including over 3,000 international students, are enrolled in more than 80 programmes across the nine faculties. In its research and teaching, the Faculty of Human Sciences is oriented towards the university's profile in engineering, natural sciences and economics. At the Institute "Education, Vocation and Media" of the faculty, several chairs (the professorships for specialized didactics in health and nursing sciences, technology and education as well as business education) are actively involved in research and teaching in diverse subject areas of vocational education in the department "Vocational Education and Human Resources Development". The department for vocational education and human resources development looks back on 50 successful years of teacher education and national and international research activities.

Target group of the IMP-TVET:

The target group of the English-taught programme are professionals from the field of vocational education and training. These include ministries, chambers, and associations as well as educational institutions such as vocational schools, companies, and universities.

Potential students should be interested and ideally have first work experience in the field of TVET, e.g. teaching and training, TVET research, international development cooperation, educational policy-making or administration.

Programme structure of the IMP-TVET:

The IMP-TVET is oriented towards TVET practice. The programme focus is on the development and design of vocational education processes and contains modules in specialized didactics, curriculum and media development, TVET management and TVET evaluation. Special attention is given to requirements in modernization of competences resulting from actual digital and green transformation process in specialization modules. The IMP-TVET is designed in line with the "UNESCO Standard Framework Curriculum for a Master's Degree of TVET Teachers".

No	Module	ECTS
1	Basics and methodology of TVET	10
2	Structures and theories of TVET	10
3	Didactics of vocational learning and teaching	10
4	International comparative TVET	10
5	Management and evaluation of international TVET	10
6	Curriculum and media development	10
7 (*)	Professional practical studies	10
8	Specialisation modules	
8.1	Digital teaching and learning	10
8.2	TVET addressing Industry 4.0	10
8.3	Sustainable TVET strategies and practices	10
9	Master Thesis	20
	Total	120

(*) Module 7: Professional practical studies

Professional practical studies/Internships offer the opportunity to enhance, reflect and deepen the new knowledge in certain areas of application in original scenarios in practice and solving of problems in all-day business up to job shadowing.

What the IMP-TVET offers:

- Learning in small, international student group
- Multifaceted study profile
- Intensive academic support
- Specialisation modules with future-oriented / state-of-the-art content related to digitalisation, industry 4.0 and greening TVET
- Extra-curricular offers
- Individual coaching
- Access to international network of TVET practitioners
- Wide range of potential career opportunities

For information on the programme and the application please contact imp-tvet@giz.de.

Admissions are subject to a selection process.

Contact person:



Mr. Mithilan Subramaniam

Specialist for Competence Development
in TVET
TVET Academy

