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PhD Programme  
Vocational Education

2022

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PHD VET Outline (based on the PhD Education TSU)

<b>Name of the Program</b>	Vocational Education
<b>Qualification awarded</b>	PhD in Educational Sciences
<b>Distribution of credits ECTS</b>	<p>The minimum number of semesters provided for study on the program is 6.</p> <p><b>Learning component – 35 ECTS credits</b></p> <p><b>Mandatory courses – 25 ECTS credits</b></p> <ul style="list-style-type: none"> <li>▪ VET Scientific Genesis and Theories – 5 ECTS credits</li> <li>▪ Research Methods in VET Education – 10 ECTS credits <ul style="list-style-type: none"> <li>○ Research Methods and Methodology in VET Education I – 5 ECTS credits</li> <li>○ Research Methods and Methodology in VET Education II – 5 ECTS credits</li> </ul> </li> <li>▪ Assistantship – 5 ECTS credits</li> <li>▪ Seminar – 5 ECTS credits</li> </ul> <p><b>Elective Courses – 10 ECTS credits</b></p> <ul style="list-style-type: none"> <li>▪ Human Resource Development and Personnel Development– 5 ECTS credits</li> <li>▪ Vocational Education for Sustainable Development – 5 ECTS Credits</li> <li>▪ Teaching and Learning in Natural and Virtual Learning Environments – 5 ECTS Credits</li> <li>▪ Teaching and Learning Methods – 5 ECTS Credits</li> </ul> <p><b>Scientific-research component</b></p> <ul style="list-style-type: none"> <li>▪ Research project 1</li> <li>▪ Research project 2</li> <li>▪ PhD Thesis</li> </ul>
<b>Language of instruction</b>	English
<b>Head of the program</b>	Assoc. Prof. Irma Grdzelizde Prof. Frank Bunning
<b>Admission prerequisites</b>	Master's degree in any field; 3 years of work experience in the field of VET - for those who do not have a master's degree in education;

	<p>Examination in the field of study; English at C1 level: international recognized certificate (TOEFL iBT 110; IELTS 7,0) or the university examination</p> <p>Consent of the Supervisor.</p> <p>Research proposal /A vision for the development of the research topic in writing;</p> <p>Interview around the research topic.</p>
<b>Goal of the program</b>	<p>The PhD program in Vocational Education aims at preparing the researcher to address the needs and challenges of modern VET on national and international levels by producing scientific solutions to contribute to the development of VET sector.</p> <p>The goal of the program is conceptually based on the mission and vision of the University implementing the program which covers lifelong learning, societal engagement, new knowledge creation and transfer.</p> <p>The goal of the doctoral program is to prepare a specialist in the field of education, a researcher who will:</p> <ul style="list-style-type: none"> <li>▪ Research challenges and analyse relevant needs of VET sector based on the scholarly knowledge of the field of education sciences;</li> <li>▪ Independently solve complex problems in the area of VET based on the scholarly knowledge of education sciences;</li> <li>▪ Create innovative scholarly product based on the analysis and synthesis of the latest scientific achievements in the fields of education sciences, and promote cultural and social and economic development of the country;</li> <li>▪ Engage in academic and scholarly activity on the international level in the field of VET and education sciences;</li> <li>▪ Effectively manage the learning process in VET providers on the fundamental knowledge of the regularities of the teaching-learning process;</li> <li>▪ Manage the teaching process efficiently in vocational and higher education based on the fundamental knowledge of the regularities of the teaching-learning process.</li> </ul>
<b>Learning Outcomes</b>	
<b>Knowledge and understanding</b>	<p>Upon the completion of the program, the PhD graduate will have:</p> <ol style="list-style-type: none"> <li>1. Complex professional knowledge built on the latest scientific achievements in the field of education sciences; including research methodology developments in the sector</li> </ol>

	<ol style="list-style-type: none"> <li>2. Knowledge of the theories of pedagogical sciences and the VET;</li> <li>3. Didactics of general and relevant specific fields - learning principles, methods, technologies, forms of assessment - knowledge based on the best international practices in the area of education and VET;</li> <li>4. Ability to analyse and evaluate the main trends in the country's VET policy - historical perspective and modernity.</li> </ol>
<b>Skills</b>	<p>Upon the completion of the program, the PhD student will be able to:</p> <ol style="list-style-type: none"> <li>5. Critically analyse, synthesize and evaluate recent scientific findings or approaches in the field of education sciences;</li> <li>6. Analyse complex problems in the area of VET and conduct research independently to solve them, while also maintaining academic ethics and integrity;</li> <li>7. Create new knowledge in relation to the scientific knowledge accumulated in the field of education sciences, and communicate such knowledge to professional and broad public;</li> <li>8. Use modern approaches to teaching, methods / techniques and technologies in the process of pedagogical activities, self-reflection and modification of student-centred teaching approaches;</li> <li>9. Ability to participate in the professional analysis and planning of the country's education and VET policy;</li> </ol>
<b>Autonomy and responsibility</b>	<p>Upon the completion of the program, the PhD student will have:</p> <ol style="list-style-type: none"> <li>10. Ability to initiate research projects in the area of education and VET and lead them independently;</li> <li>11. Ability to solve complex problems in the area of education and VET using creative approaches.</li> </ol>
<b>Teaching and learning methods</b>	<p>Oral methods - monologue, dialogue, discussion;  Methods of working on the book - independent and explanatory reading;  Practical methods - working group, professional practice;  Methods of analysis and synthesis, induction and deduction;  Case study;  Problem-based learning;  Project- based learning;  Learning by doing;  Methods of written work;  e-learning;</p>
<b>Evaluation System</b>	<p><b>Teaching Component :</b></p> <ul style="list-style-type: none"> <li>• Students evaluation criteria correspond with the Georgian law on higher education and TSU bylaws.</li> <li>• Students receive ECT-s within a 100 point grading system.</li> </ul>

- The following components are included in the evaluation form: activity, midterms, practical and research assignments, final examination, presentations etc.
- Students are evaluated on the bases of practical and theoretical knowledge.
- Some parts of the midterms are/might be carried out online (via TSU e-learning portal as well).

<b>Evaluation System</b>		
A	91 -100	Excellent
B	81 -90	Very Good
C	71 -80	Good
D	61 -70	Satisfactory
E	51 - 60	Poor
FX	41 - 50	Fail (student can retake the final examination only once)
F	0 – 40	Fail (student has to retake the course)

In accordance with minister’s decree N3 (2007) in case of FX assessment student is allowed to take an additional exam. In case of FX assessment in educational program component the institution of higher education is obliged to organize additional exam at least in 5 days after the announcement of the results of final exam. Given obligation is not valid for the dissertation, graduate project/work, creative/performance work or other scientific project/work. The points received at final assessment are not added to the additional exam assessment received by student. Assessment received at additional exam is final assessment and is depicted in total assessment of. In case of receiving 0-50 points in total assessment of educational component considering additional exam assessment student assessment is finalized as F-0 point. In case of F-assessment student must retake the credit.

**Research Component:**

) The Doctoral Standard of the Faculty of Psychology and Educational Sciences of TSU

**Employment areas**

After completing the doctoral program, the PhD graduate is able to be employed in any type / research or educational / governmental or non-governmental institution in the field of education, to lead the educational-scientific process in national and international VET sector.

**Tuition Fees**

2250 GEL for citizens of Georgia; 9 000 GEL (3000 USD) for non-citizens of Georgia

<b>Resources</b>	<p><b>Number of academic staff involved in the program:</b> Academic staff from TSU – 6 professors; international staff – 8 professors from University of Magdeburg.</p> <p>The program is supported by both parties (TSU and OvGU) by 2 responsible persons per each partner. The program is run at the University of TSU, building N3.</p> <p>Library Database OvGU: <a href="https://www.ub.ovgu.de/Literatursuche.html">https://www.ub.ovgu.de/Literatursuche.html</a></p>
<b>Research topics</b>	<p>Policy of VET – national and international levels;  Didactics of vocational education;  Comparative studies of VET structures;  Leadership and Management of VET.</p>
<b>Additional Information</b>	<p>All the courses are conducted in hybrid format.</p> <p>Information about the project and cooperation  ) General cooperation</p> <p>The PhD program is based on a research project (Vocation 2020 – 2023) with the goal to establish such a program with foundations of the project reaching back to 2017.</p> <p>A TSU's implementation partner for the program is the OvGU Magdeburg, Germany. The OvGU has cooperation experiences within the framework of the UNEVOC centre Magdeburg „TVET for Sustainable Development“ mandated by UNESCO since 2010, which they constitute as consortium partners together with the Fraunhofer Institute Magdeburg (IFF) and Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH. UNEVOC is the UNESCO division responsible for vocational education and training.</p> <p>Based on the outcome of this project, the TSU and OvGU will cooperate in the implementation of the PhD program through: 1) The establishment of a joint Admission Board to select PhD candidates, 2) a Supervision Panel which divides program participant supervision based on relevant research topics and expertise, 3) Exchange of Student and Staff for research and further development purposes (Erasmus+ KA1 Application), 4) The support through German and international lecturers to give lectures for relevant modules</p>

	<p>) Co-supervising</p> <p>The supervision of PhD students will be realized through a Co-supervision by Professors of the supervision panel. The PhD student chooses a principal supervisor based on research topic and expertise. The Co-supervisor will be selected or chosen from the partner country or partner institution.</p> <p>) Co-teaching</p> <p>To ensure sustainability and a smooth transition from the initial project phase the Modules/ Lectures will be conducted via a Co-teaching format. This means that German lecturers currently conducting trials will be accompanied during the initial phase of the PhD program by Georgian partners which take on key elements of the lectures content and concept.</p>
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### Learning Plan/Structure of the Program

Types of Teaching Courses/Modules: Faculty/Rquired/Elective												
N	Number	Name of the Course	ECTS	Study Hours				Prerequisite	Sem		Lecturer(s)	
				Contact Hours			Independent		Total	Fall		Spring
				Lecture	Seminar/ Working Group	Exams						
<b>Mandatory courses – 35</b>												



1		VET Scientific Genesis and Theories	5	30	15					√		Dr. Brings, Assoc. Prof. Irma Grdzolidze
2		Research Methods and Methodology in VET Education I	5 ECTS	15	30					√		Prof. Markus Boehner, Assoc. Prof. Rusudan Sanadze
3		Research Methods and Methodology in VET Education II	5 ECTS	15	30						√	Prof. Markus Boehner, Assoc. Prof. Rusudan Sanadze
4		Assistantship	5							√	√	TSU professors; Ivane Mindadze and Zakaria Kitiashvili
5		Seminar	5							√	√	Assoc. Prof, George Sharvashidze
<b>Elective courses 10 ECTS</b>												
6		Human Resource Development and Personnel Development	5							√		Dr. Hannes Saas; Prof. Ia Kotaladze from TSU

7		Vocational Education for Sustainable Development	5							√	Dr. Ulrich Schachtschneider, Assoc. Prof. Irma Grdzeldze
8		Teaching and Learning in Natural and Virtual Learning Environments	5							√	Dr. Haase, Assoc. Prof. Rusudan Sanadze
9		VET Teaching and Learning Methods	5						√		Prof. Happ, Assoc. Prof. Ivane Mindadze
10		Ecosystem of Tertiary Education	5						√	√	Assoc. Prof. George Sharvashidze
<b>Scientific-research component</b>											
		Research project 1									
		Research project 2						Research project 1			
		PhD Thesis						Research project 1 Research project 2			

