

#### 4.3. Master's Program in Digital Logistics Management (Joint)

| Master's Program in Digital Logistics Management                                                  |                                                                                                                                                                                                                                                                                                                                                                                              |
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| <br>www.cst.ge |                                                                                                                                                                                                                                                                                                                                                                                              |
| Paata Saakadze street 1 Tbilisi, 0102, Georgia                                                    |                                                                                                                                                                                                                                                                                                                                                                                              |
| Technische Hochschule Wildau Hochschulring 1 15745 Wildau, German                                 |                                                                                                                                                                                                                                                                                                                                                                                              |
| Awarded Qualification:<br>Master of Engineering Logistics (0719)                                  | Program Admission Precondition: Any person having the Bachelor's degree; The precondition for the admission to the program is to pass the General Masters Examination held by the Legal Entity of Public Law - The National Assessment and Examinations Center; Successfully passing the interview in the specialization with the admission commission of Caucasus School of Technologies... |
| Language of Instruction: English                                                                  | Possibility to Continue Studies: PhD Programs                                                                                                                                                                                                                                                                                                                                                |
| Program Volume in Credits: 120 ECTS                                                               | duration of the program: 2 academic years                                                                                                                                                                                                                                                                                                                                                    |

**Program Objective:** The objectives of the program in Digital Logistics Management are to:

- Give students an opportunity to develop research skills in logistics engineering and management, deep knowledge of information technology as well as business management methodologies and thereby ensure their employment in leading positions according to their qualifications;
- Prepare up-to-date specialist in Digital Logistics Management with deep knowledge of logistics information technologies and good analysis of business environment and strategy, competence in innovative methods of management and analytical problem solving skills.

**Program Learning Outcomes:** Upon completion of the Master's degree program in Digital Logistics Management, the graduate will acquire the following competencies:

- Understand and share the role of digital logistics technologies through the knowledge of the latest theories in information systems, management methodologies and international standards;
- Effectively plan the structure of the digital logistics technology in the organization, develop information technology service delivery strategies;
- Use methods to assess the strengths and weaknesses of an organizational environment, identify strategic risks, and use assessment tools. Develop ability to operate independently while planning and managing in a risky and dynamically changing environments;
- Work with modern tools and applications of digital logistics system planning and logistics process modelling;
- Adapt and apply modern business technologies in the organization, evaluate complex problems of logistics systems, analyze results and solve them in an innovative way;
- Conduct scientific theoretical and practical research in the field of logistics information management and apply modern methodology in scientific research;
- Calculate and evaluate environmental effects of logistical approaches.

**Areas of Employment:** The program gives students the chance to advance to Logistics and Supply Chain Leadership positions through gaining strong set of technical and managerial skills which are necessary to succeed in the logistics and supply chain field today.

Program graduates will have an opportunity to work in a variety of environments such as academia, research, industry, government, private and business organizations. Examples of job titles of program graduates may include: Transportation and Logistics Manager, Chief Supply Chain Officer, Chief Operating Officer, Logistics Operations Officer, Warehouse Manager, Supply Chain Development manager, Project Manager, etc.

On the Georgian labor market employers are the university's partner organizations, as well as other big or small business companies, transport and logistics companies, manufacturers, Wholesale, distribution and retail companies, international companies, educational institutions, governmental organizations etc.