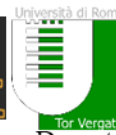




Co-funded by the  
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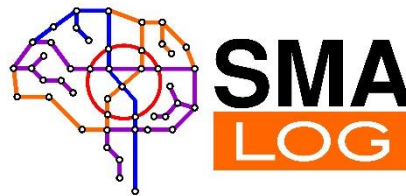


University of Rome  
Tor Vergata  
Italy  
Department of Enterprise Engineering

KA2 - Cooperation for innovation and the exchange of good practices  
**Capacity Building in Higher Education**  
Joint project

**Master in Smart Transport and Logistics for Cities / SmaLog**

# **Overview of the SmaLog implementation BSMA**



# Content:

- General structure, objectives and contents of the Masters
  - SmaLog project:
    - o Master objectives and profile of the Master graduates
    - o Master Curriculum
    - o Programme structure
  - Basic concepts of smart transport and logistics for cities
  - Educational objectives/common and special parts
  - Employment opportunities
  - Admission procedure
  - Examination procedure for thesis defence
  - Support to students for learning and training
  - Tutor activity
  - Fees
  - Stages
    - o Equipment and material
    - o Accommodation and other activity (e.g. sports, etc.)
- offered

# General Structure, Objectives and Content

*Educational Program:* **Logistics and Forwarding**

With concentrated components (Modules):

- **Logistics and Forwarding**
- **Smart transport and city logistics**

*Academic degree in:* **Masters in Logistics and Forwarding**

*Head of the Program:* **Roman Mamuladze, professor**

*Volume of the programme 120 ECTS (credits):*

*Including: specialty core courses (60 ECTS)*

*1. Concentrated component (module): Logistics and Forwarding (60 ECTS)*

*or*

*2. Concentrated component (module): Smart transport and logistics (60 ECTS)*

## **SmaLog project:**

- o Master objectives and profile of the Master graduates**
- o Master Curriculum**
- o Programme structure**

### **The overall objective of the curricula:**

- is to offer Master Program students comprehensive and complex knowledge in field of Smart Transport logistics and prepare specialists in accordance with international standards.
- to prepare specialist of high qualification in Logistics, who will have employment opportunities in Logistics industry, research organisations, governmental and non-governmental institutions and BSMA

**The Master Program curricula** cover all main aspects related to the logistics: freight, smart transport, passenger flows, traffic and environmental aspects.

**The students on the program** will be able to participate in laboratory based researches of city transport and its influence on the different levels. The lab will give opportunity to students to simulate and make transport models.

# SmaLog Curricula:

Nº	Code	Title of Learning course	Status	ECTS Credits	I	II	III	IV
<b>1. specialty core courses (60 credits)</b>				<b>60</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>-</b>
1.	2-MS-09.01-12	<b>Logistics management</b>	Madatory	5	5	-	-	-
1.	2-MS-09.01-15	Commodity Study and Standardization	Madatory	5	5	-	-	-
1.	2-MS-09.01-07	International business	Madatory	5	5	-	-	-
1.	2-MS-09.02-09	Managerial economics	Madatory	5	5	-	-	-
1.	2-MS-09.01-09	<b>Transportation and customs logistics</b>	Madatory	5	-	5	-	-
1.	2-MS-09.02-15	Financial Management in International Business	Madatory	5	-	5	-	-
1.	2-MS-09.02-17	Strategic marketing	Madatory	5	-	5	-	-
1.	2-MS-09.01-10	<b>Freight forwarding</b>	Madatory	5	-	5	-	-
1.	2-MS-09.02-18	Strategic management	Madatory	5	-	-	5	-
1.	2-MS-09.01-16	<b>International Project Management</b>	Madatory	5	-	-	5	-
1.	2-MS-08.04-04	<b>Research Methodology</b>	Madatory	5	-	-	5	-
1.	2-MS-09.01-08	<b>Internship</b>	Madatory	5	-	-	5	-

1. Concentrated component (Module): <b>Smart Transport and Logistics (60 credits)</b>								
1.	2-MS-09.03-011	<i>Smart Transport and City Logistics</i>	Madatory	5	5			
1.	2-MS-09.03-012	<i>Modeling and management of road traffic flows</i>	Madatory	5	5			
1.	2-MS-09.03-013	<i>Control of Road traffic flows</i>	Madatory	5		5		
1.	2-MS-09.03-014	<i>City Passenger transport</i>	Madatory	5		5		
1.	2-MS-09.03-015	<i>Smart Transport</i>	Madatory	5			5	
1.	2-MS-09.03-016	<i>Impact on human and environment, safety and sustainability</i>	Madatory	5			5	
1.	2-MS-09.03-017	<i>Road traffic flow management in the city center</i>	Madatory	5				5
1.	2-MS-09.03-018	<i>Effectiveness of city transport systems</i>	Madatory	5				5
1.	2-MS-09.03-010	<i>Preparation and defence of master thesis</i>	Madatory	20	-	-	-	20
1.	Concentrated component (module) credits - Total			<b>60</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>30</b>

# Employment outlet:

The **Maritime Academy cooperates** with education and research in Georgia and foreign educational institutions and provides to students mobility. National and international organizations of employer (Cruising companies, Stevyore firms, marine ports administrations, etc.).

The information confirming the connection with partner organizations and educational institutions.

The information about employers and partners are available on the website of the Maritime Academy.

## Professional activities:

- ✓ Transportation companies and organizations operating in the state and dish sector;
- ✓ Logistics departments / services of state structures and business sectors;
- ✓ Logistics centers and transport-logistics companies;

Revenue services (customs clearance zones, customs check points, etc.).

- ✓ Transportation infrastructure facilities (ports, airports, railways, transport terminals);
- ✓ Scientific and research organizations of transport and neighboring profile, firms, private companies, investment and scientific-technical funds;
- ✓ transport and economy management systems;
- ✓ Educational institutions;
- ✓ Non-profit and non-governmental organizations;

## **Admission procedure:**

Enrolment on master's educational program are allowed bachelor's or equivalent degree person which will be permitted to study on the basis of the results according to the internal university examinations in English language and economics

## **Examination procedure for thesis defence:**

The thesis component has 20 ECTS.

The defense procedure is regulated by decision of the Faculty Council.

## **Student support and tutoring:**

Student support services are provided by special department in BSMA: Students Support and Career Development Department.

There is list of tutors who are in charge of providing tutoring for students and numerous of activities are scheduled during the educational process.

## Fee:

Tuition fee is stated according to the legislation of Georgia.  
Tuition fee is 2250 GEL

## Equipment:

BSMA has all necessary teaching and training infrastructure.  
In frames of the project the Logistics Lab will be equipped. It will be dedicated to research activities of students and staff enrolled in SmaLog program.