

Master on Logistics and Supply Chain Management

134522-LLP-1-2007-1-ES-ERASMUS-ECDSP



Education and Culture DG

Lifelong Learning Programme

Seminar "Making better use of the LLP centralised ERASMUS actions"

Brussels, 9 July 2009

Jun.-Prof. Dr.-Ing. Gaby Neumann (E-mail: gaby.neumann@ovgu.de)

Universitat Autònoma de Barcelona, Espanya

Otto-von-Guericke-Universität Magdeburg, Deutschland

Università degli Studi di Genova, Italia

Rīgas Tehniskā Universitāte, Latvija

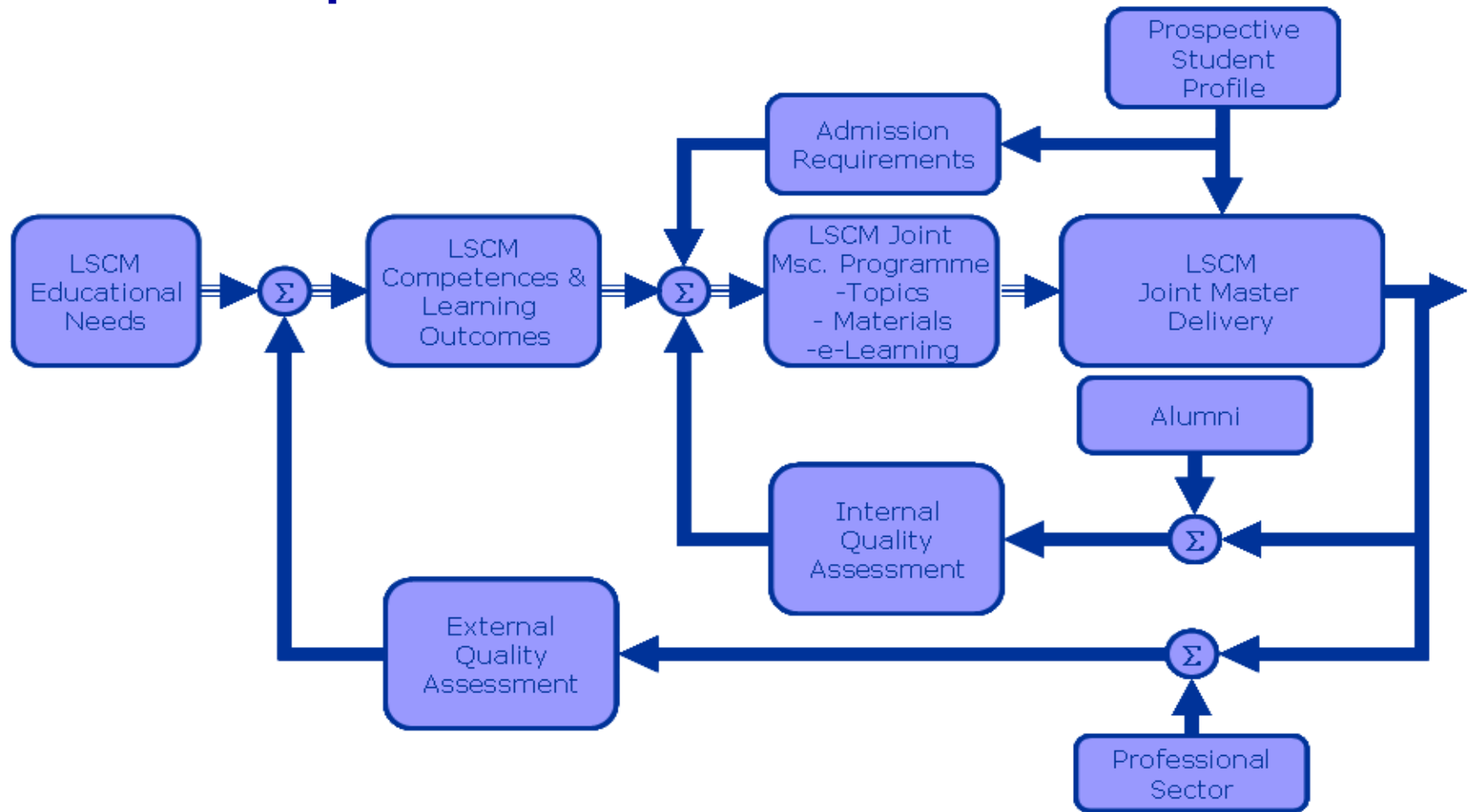
Linköpings Universitet, Sverige

Montanuniversität Leoben, Österreich

Introduction to the CD Project

- Start curriculum development:
October 2007 (supported by ERASMUS)
- Start Master programme:
Fall 2010 (planned)
- Degree:
MSc (joint degree by all partners in the consortium)
- Orientation:
Rather professional than scientific (specific competences according to problem solving processes)
- Target group:
Graduates from logistics Bachelor programmes and from Bachelor programmes in related areas (even without prior knowledge in logistics)

Framework for Curriculum Development



LSCM - Specific Competences (SC)

SC1: Ability *to address LSCM problems in a holistic approach* by taking into account general management concepts, human resources, environmental concerns, and quality, technological and economic aspects.

SC2: Ability to analyse, structure and discuss situations *to identify problems in the field of LSCM and their complexity*

SC3: Ability to select and apply suitable methodologies and strategies *to design a solution for an LSCM problem*

SC4: Ability *to evaluate different alternatives* and *select the solution* to be implemented.

SC5: Ability to elaborate solid arguments to convince and motivate decision makers, select the proper LSCM partners and then plan and coordinate the project *to implement the solution*.

LSCM - Generic Competences (GC)

GC1 Communication: synthesis , presentation techniques

GC2 Learning skills

GC3 Language skills

GC4 Ability to document and reflect the problem solving process in order to derive lessons learned.

GC5 Capability to apply a rigorous and efficient approach to problem solving

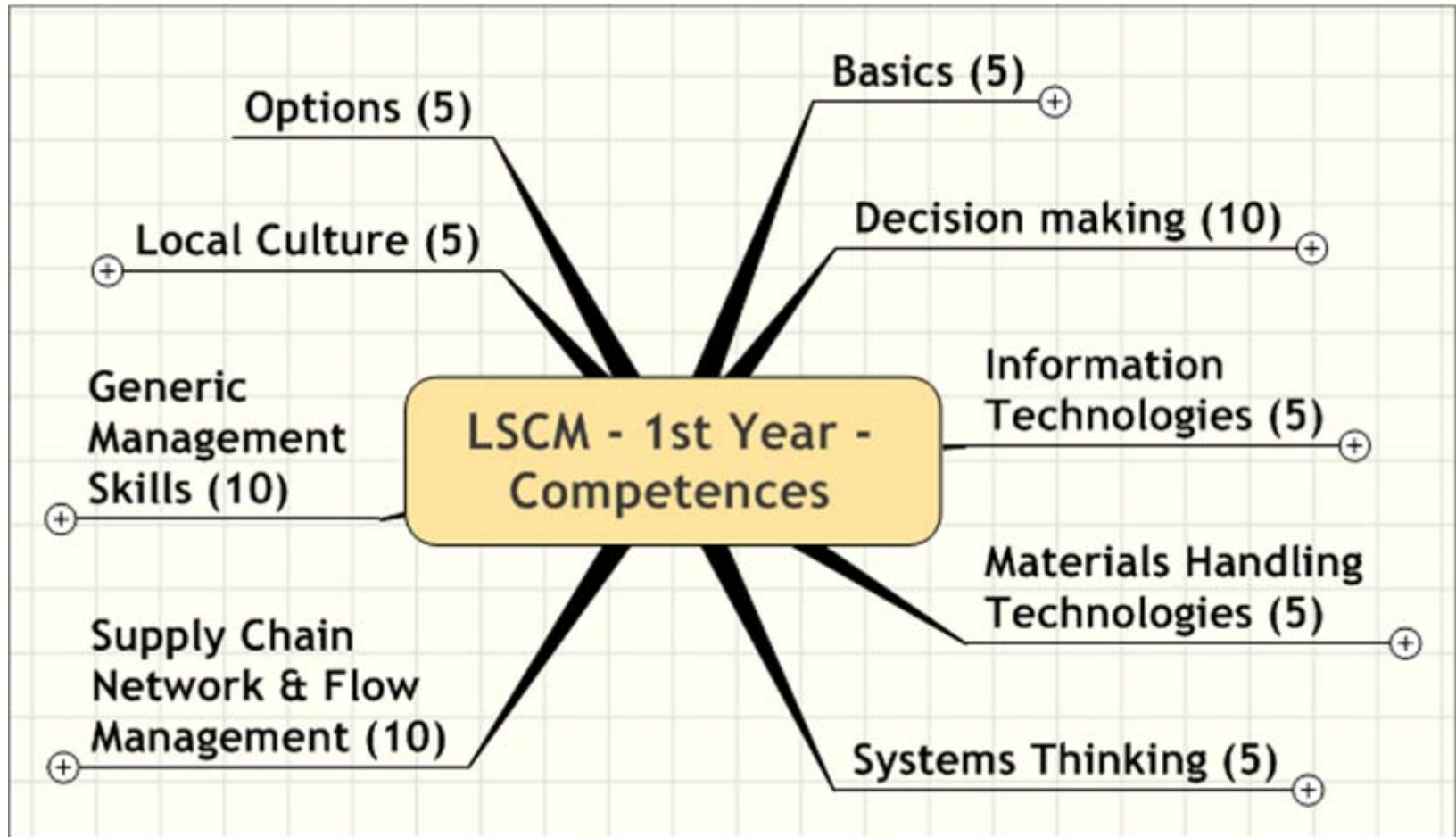
GC6 Capability to face a new problem under a scientific perspective

GC7 ...

LSCM Programme Characteristics

- **Duration:**
4 semesters (120 ECTS)
- **Structure:**
2 semesters with basics (as agreed in the consortium)
1 Semester for specialization (partner-specific)
1 Semester Master project and thesis
- **Language:**
Courses in English, but also access to the local languages
- **Mobility:**
1 student mobility is obligatory
Staff mobility is required for providing teaching support

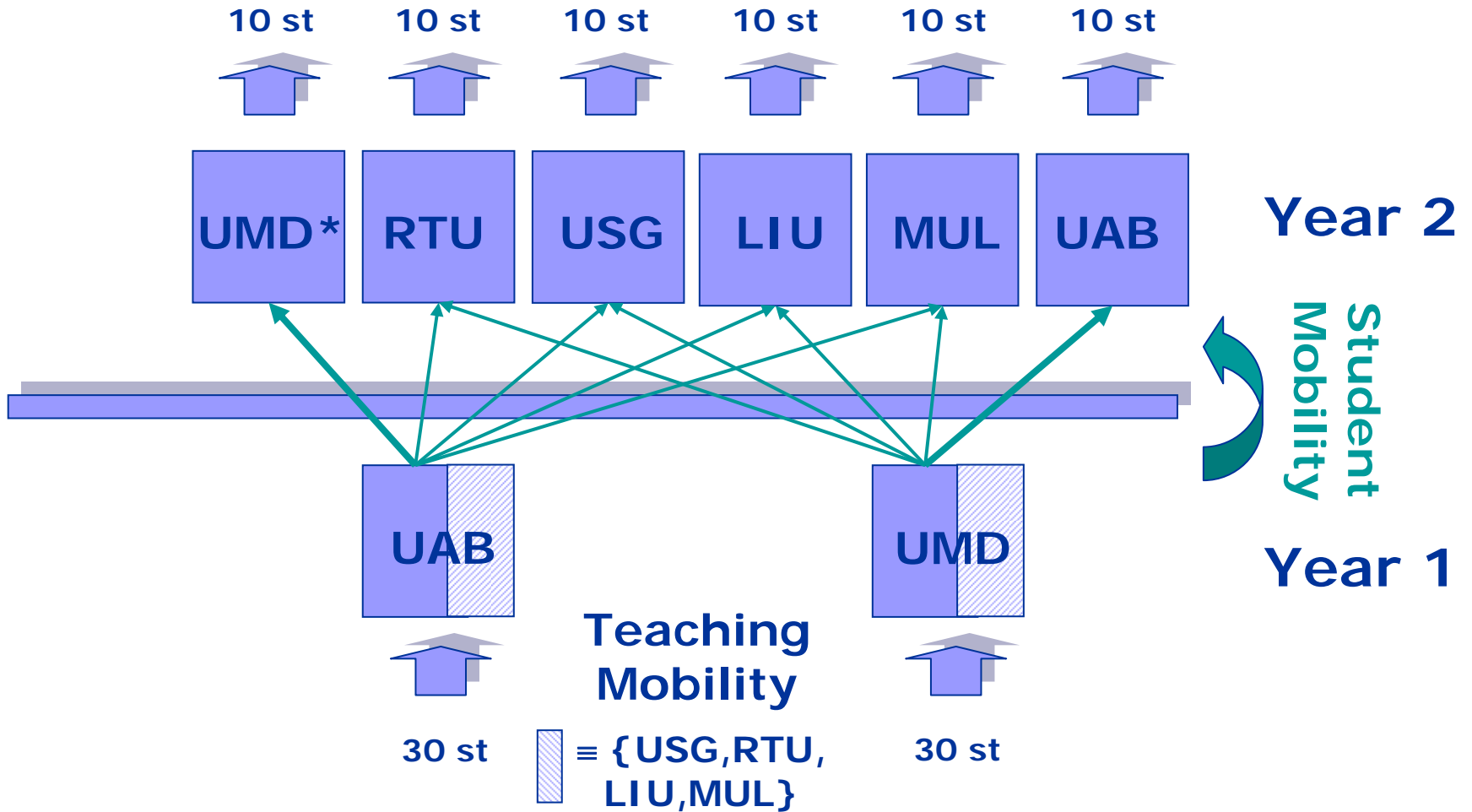
Content 1st Year (Basics)



Content 2nd Year (Specializations)

University	Manufacturing Logistics	Transport Logistics	SCM	Specific focus
UAB		X		Transport Logistics
UMD	X	X		Logistics Systems Engineering and Implementation
RTU	X	X	X	Logistics Information Systems & Management
USG		X	X	Modelling Logistics Networks & Supply Chain Management
LIU	X			Manufacturing Logistics: Operations Management
MUL	X		X	Logistics Systems Engineering

Mobility



Programme Organisation

- **Administration:**
Overall management of the programme (incl. financial management) and student administration by UAB
- **Enrolment:**
All students are enrolled at Universitat Autònoma de Barcelona.
- **Cooperation:**
Partners in the consortium share responsibilities (e. g. UMD: quality assurance; RTU: planning of teaching mobility)
- **Support:**
Advisory Board (companies, associations, universities etc.)
- **Financing:**
Study fees + ERASMUS MUNDUS grants