

Module	<b>Management control and logistic service cost of production</b>
Area	<b><u>B - technical-professional</u></b>
Objectives	<ul style="list-style-type: none"> <li>- to deliver knowledge about costs structure in order to build logistics and freight transport service based on operator type and transport mode</li> <li>- to deliver notions on management control process as well as on operational tools and methodologies of logistics and freight transport companies management control</li> </ul>
Classroom activities	26 hours
Contents	<ul style="list-style-type: none"> <li>- Logistics costs structure of companies operating on behalf of third parties, direct and indirect costs, fixed and variable costs</li> <li>- The structure of road transport costs, partition struttura dei costi di trasporto stradale, breakdown of costs, item costs, unit costs, fixed and variable costs</li> <li>- Item costs for the acquisition of maritime, air and rail transport service</li> <li>- Reclassification of the income statement and balance sheet</li> <li>- Patrimonial, economic and productivity ratios</li> <li>- Cost centres</li> <li>- Cost allocation and reversal</li> <li>- Direct and indirect costs, fixed and variable costs</li> <li>- Sector specific costs</li> <li>- Costs and revenues analysis</li> <li>- Budget: purpose and structuring</li> <li>- Variance analysis</li> <li>- Reporting</li> </ul>
Laboratory activities	2 hours
Expected learning outcomes	<ul style="list-style-type: none"> <li>- Development of ability in customer-based service production cost calculation</li> <li>- Proven ability in cost comparison analysis on service choice</li> <li>- Proven ability in contribution margin calculation</li> <li>- Proven ability in break Even Point calculation</li> <li>- Knowledge of corporate monitoring dashboard definition</li> </ul>
Credits (ECTS)	3

Module	<b>Logistic Process Planning and Management</b>
Area	<b><u>B - technical-professional</u></b>
Objectives	<ul style="list-style-type: none"> <li>- To deliver knowledge on logistics service planning methodologies (warehouse) and freight transport</li> <li>- To deliver knowledge on maritime, air and land shipping service methods</li> <li>- To deliver knowledge on service planning and management in medium and large organized distribution, cold and fuel supply chain</li> </ul>
Classroom activities	100 hours
Contents	<ul style="list-style-type: none"> <li>- Planning and management of business logistics in the supply chain sector: service types, resources planning, processes and procedures, outsourcing, sizing and costing</li> <li>- Logistics planning and management in the medium and large organized distribution: warehouse and distribution processes</li> <li>- Logistics planning and management in maritime transport related activities: shipping processes, sizing and distribution processes</li> <li>- Logistics planning and management in cold supply chain</li> <li>- Dangerous goods logistic service planning and management</li> </ul>
Laboratory activities	26 hours
Expected learning outcomes	<ul style="list-style-type: none"> <li>- In-depth knowledge of logistic service sizing and costing</li> <li>- Proven competence in time/resources planning for service production</li> <li>- Anomalies management control ability</li> </ul>
Credits (ECTS)	10