

# Master Logistique : Management et économie des réseaux

<http://www.dauphine.fr/masterlogistique>

« *A strategic and international vision of logistics* »

**Directors : Régis Bourbonnais and Philippe Vallin**

Logistics is a process which defines issues and management rules regarding the management of physical flows, the organisation of IT systems and the availability of services.

This strategic, tactical, operational and transversal function is increasingly entrusted to logisticians with a multi-disciplinary education: manager or economist. This degree leads to opportunities in supply chain management or within consulting companies. The development of e-business and the internationalisation of exchanges generate new needs in terms of logistics studies. The "Logistics" function takes in part more and more in the reflection of the company management.

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## Objectives of the degree

Fulfil new demands from companies and consulting companies requiring executives trained to logistics issues and expertise to control and optimise physical and information flows within an environment of the global strategy for the company.

This degree enables the student to:

- ✓ Acquire concepts and know issues of the supply chain management,
  - ✓ Know models used to master flows and inventory as well as the design of supply chain architecture,
  - ✓ Know IT systems linked to the management of the flows (APS, ERP, optimisation tools...),
  - ✓ Observe the evolution of needs linked to new information technologies (e-business),
  - ✓ Project management
  - ✓ Know the legal environment of the supply chain,
  - ✓ Establish collaboration relations with suppliers (3PL...).
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## Career Opportunities

In numerous fields: Consulting companies, industrial companies, food companies, services, retailing, administration...

Consultant, Supply chain manager, Assistant director of logistics, Warehouse manager, Demand planner, Supply planner, Operations manager...

*A double competence as an economist, operations manager or logistics manager is in great demand from consulting companies.*

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## Admission Requirements

### Initial education

Graduate (60 ECTS credits) in management sciences, economics sciences, applied economics, statistics.

Graduate from an Engineering School or a Business School.

Graduate in a French or foreign degree will be evaluated by the board for the entrance examination for acceptance.

**This Master can be followed as a dual programme (the training takes place partly in the university and partly in a workplace) for students who are interested in.**

All applicants coming directly from an initial education must write a dissertation on a fixed subject about a logistics issue (circa 10 pages). After the first round of the selection process, the applicants are heard by the board for the entrance examination. The final decision will be made after the hearing.

In this Master, there is a continuous training which is opened to applicants that can prove a three-year work experience.

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## Programme Structure

The programme is split into different modules. These ones are divided (excluding the dissertation) in:

22 core modules which represent 432 hours

The theoretical core courses of this Master are always applied to business cases.

### *- Core modules*

UE 1: **Supply chain optimisation** - Ph. VALLIN - 36h

UE 2: **Project management** - J. PANSARD - 36h

UE 3: **Production control** - S. BERBAIN and Ch. VAN DELFT - 21h

UE 4: **Forecasting demand and econometrics** - R. BOURBONNAIS - 36h

UE 5: **Financial angles in logistics** - B. BAUDIER - 12h

UE 6: **Architecture of the information systems** - P. FLORET - 12h

UE 7: **Normalisation and certification in an international environment** - T. TUNCER 18h

UE 8: **Transport Economics, focused on intermodal**- P. NIERAT - 21h

UE 9: **Transport law** – H BOUTHINON-DUMAS – 12h  
UE 10: **E-business logistics** - A. BORRI - 12h  
UE 11: **English applied to logistics**- D. MAC DAID - 12h  
UE 12: **Warehouse management** - R. HUSSET - 12h  
UE 13: **Purchasing management and techniques** - N. TREHAN - 12h  
UE 14: **Methodology of the logistics study** - C. DEWIDEHEM - 12h  
UE 15: **International logistics** - O. LUISETTI and D. VANKEMMEL - 24 h  
UE 17: **Proficiency course in ACCESS: application to SCM** - J. de La BRUSLERIE - 18h  
UE 18: **Industrial organisation** - S. MÉRITET - 12h  
UE 19: **Guiding schema of distribution** - G. SERRE - 6h  
UE 20: **Express and Urban transport** - M. d'HAUTEVILLE - 12h  
UE 21: **Communication techniques** - O. BIREAUD - 9 h  
UE 22: **Logistics and sustainable development** - V. CARBONE - 6 h  
UE 24: **Conferences on logistics issues** - Professionals' interventions- 24h  
Visits and sites audit - 18h

*- Upgrade courses*

MA 1: **Applied mathematics** – Ph. VALLIN - 6h  
MA 2: **Statistics** - R. BOURBONNAIS -6h  
MA 3: **Accountancy and finance** - L. JOURDAN - 9h

*Continuous Training*

If needed, students enrolling at the continuous training can follow the master through a 2 year period.

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**Dissertation** Every student must write a dissertation. The topic of the dissertation must be approved by the teaching team. An oral presentation of the dissertation will take place in front of the examining board.

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**Internship & Dual Programme** - **Students following the dual programme:** From December to March, the students will do a part-time work placement (2 or 3 days per week), then a full-time work placement from April.

- **Others Students:** For students who will not follow the dual programme (because they would like to experience an internship abroad), an at least 3-month internship (usually from 5 to 6 months) will take place in a company from April.

In any option, the student must write an internship/work placement report. This one can be the source of the dissertation.

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**Degree Board & Teaching team** • A board composed of: Jean-Philippe Guillaume, Directeur de "Supply Chain Magazine", Jean-Claude Turri, Directeur de Valtech-AxelBoss, Gérard Serre, Directeur Usine Yoplait, is in charge of improving the programme.

The main function of this board is to specify the professional orientations of this Master as well as the programme of the core modules.

• In charge of internships and dissertations: Tugal Tuncer, Consultant

• Teaching team:

<b>BAUDIER</b> Benoît	Chef de projet SCM, France Loisirs
<b>BERBAIN</b> Sabrina	Consultant, Diagma
<b>BIREAUD</b> Olivia	Responsable communication interne, Renault
<b>BORRI</b> Alain	Directeur Associé, BP2R
<b>BOURBONNAIS</b> Régis	Maître de Conférences en économie, Université Paris-Dauphine
<b>BOUTHINON-DUMAS</b> Hugues	Chercheur au Département de Droit à l'Université du Luxembourg
<b>CARBONE</b> Valentina	Professeur Ecole Supérieure de Commerce de Paris
<b>DEWIDHEM</b> Cédric	Manager, EDS Consulting Service
<b>FLEURET</b> Patrick	Consultant en systèmes d'informations
<b>d'HAUTEVILLE</b> Maxime	Consultant, Chef de projet Pickup Service
<b>HUSSET</b> Robert	Directeur Général, Aldata-Gold
<b>ISAAC</b> Henri	Maître de conférences en Gestion, Université Paris-Dauphine
<b>de La BRUSLERIE</b> Jacqueline	Maître de Conférences en informatique, Université Paris-Dauphine
<b>LUISETTI</b> Olivier	Consultant en logistique
<b>MAC DAID</b> Donal	Directeur du Marketing, Aldata-Gold
<b>MERITET</b> Sophie	Maître de conférences en économie, Université Paris-Dauphine
<b>NIERAT</b> Patrick	Chercheur, INRETS
<b>PANSARD</b> Jacques	Professeur ESCP et consultant en système d'information
<b>SERRE</b> Gérard	Directeur Usine Yoplait
<b>TREHAN</b> Natacha	Maître de conférences en gestion, Université de Grenoble II
<b>TUNCER</b> Tugal	Consultant en développement international
<b>VALLIN</b> Philippe	Maître de Conférences en mathématiques appliquées, Université Paris-Dauphine

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**Information Secretariat: Catherine Strazel, Bureau D 404** (closed on Friday afternoon)

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**Further information:** <http://www.dauphine.fr/masterlogistique>