
OPERATIONS MANAGEMENT DEPARTMENT



L'esprit pionnier

What is Operations Management?

7 key areas constitute today's management of operations



OPERATIONS MANAGEMENT

**Innovation
and services**



**Supply Chain
Management**



**Purchasing
Management**



**Service
Management**



**Transportation &
Logistics**



**Manufacturing &
Quality Management**



**New Product
Development**



Typical Operations Management Jobs of Graduates

Operations management offers a large variety of jobs



GENERAL MANAGEMENT

- Management consulting (McKinsey, BCG, Roland Berger...)
- IT consulting (Accenture, CapGemini, SAP...)
- Assistant to board member, e.g. in operations

FUNCTIONAL MANAGEMENT

- Research & Development (BMW, Novartis, PSA, Renault, Sanofi-Aventis ...)
- Logistics (Air France, DHL, La Poste...)
- Internal logistics (Amazon, Metro...)
- Production (LVMH, Schneider Electric, Thales...)
- Purchasing (ABB, Carrefour, L'Oréal, Nestlé...)
- Supply Chain Management (Alstom, Danone...)
- Customer Service (Southwest Airline, Zappos, Uber...)
- Services Quality (Starbucks coffee, Amazon, BMW...)
- Innovation Process Management (Safran, Apple, Ikea...)

OTHERS

- Business start-ups
- Academic career



OBJECTIVES

The program develops the key competences of the management of these two functions in a globalized environment. It also allows students to:

- Master the fundamentals of business management, as well as the operational and managerial methods and tools of purchasing and supply chain functions;
- Describe and implement appropriate purchasing and supply chain strategies through in-depth knowledge of business process analysis and planning;
- Understand the field to support and develop company's activities and environment (diversity of actors, cross-functional and multifunctional aspect of purchasing and supply chain management);
- Enable the companies to adapt proper procurement and supply chain functions that matches the complexity of current market, including e.g.: global and responsible innovation, intercultural negotiation, industry of the future, digital transformation, etc....

For more information, application deadlines and admission process please contact Mrs Beneyto (beneyto@essec.edu) and/ or visit the program website: <http://www.essec.edu/fr/programme/masters/ms-gestion-achats-internationaux-supply-chain/>

Key information

- 1 year program
- Multi-campus
- 2 Tracks
- In French and English
- Opened to apprenticeship
- Including:
 - A study trip
 - Internship
 - Thesis

T0/T1 SEPTEMBER - DECEMBER

FONDAMENTAUX DU MANAGEMENT DES ENTREPRISES

- Team building & leadership
- Expression orale & prise de parole en public
- Management & society
- Enjeux économiques contemporains
- Clés de l'économie pour managers des opérations
- Négociation pour les managers
- Négociation interculturelle
- Management interculturel
- Comptabilité financière
- Management accounting for purchasers
- Innovation globale & responsable
- Droit des affaires & de la concurrence

FONDAMENTAUX ACHATS & SUPPLY CHAIN

- Management des achats & des fournisseurs
- Management des achats industriels
- Management des achats des industries de services
- Management logistique de l'entreprise
- Séminaire achats et Supply chain

T2/T3 JANUARY - MAY

MANAGEMENT STRATEGIQUES DES ENTREPRISES

- Création de valeur & efficacité collective
- Stratégies industrielles dans un monde global
- Management & contrôle qualité
- Management des systèmes d'information & de décision

MANAGEMENT STRATEGIQUE ACHATS & SUPPLY CHAIN

- Management des stratégies de global sourcing
- Management de projets pour managers achats
- Management des opérations dans le e-commerce & le e-business
- Management des opérations & de la logistique durable
- Management des mega données pour la supply chain & les achats
- Management stratégique B2B
- Management des achats publics
- Management des achats retail & digital retail
- Droit des contrats
- Commodity market



OBJECTIVES

The program provides solid training, allowing students to:

- Master the fundamentals of project from strategic and operational dimensions;
- Apply different project management methodologies and transforming technical skills into expertise and social skills in managing project team;
- Integrate the values of stakeholders of a project with values of the team, its components intercultural, trades, customers;
- Define and / or respect common values released in individual conduct.

For more information, application deadlines and admission process please contact Mrs Gesland (gesland@essec.edu) and/ or visit the program website: <http://www.essec.edu/fr/programme/masters/mastere-specialise-management-de-projets-technologiques/programme/>

Key information

- **In partnership with Telecom Paris Tech**
- **1 year programm**
- **In English and French**
- **Including:**
 - **A study trip**
 - **Internship**
 - **Thesis**



T0 - September

COMMON TRACK

- Team building & leadership
- Business and Society
- Enjeux économiques contemporains
- Négociation
- Financial accounting
- Cost Management
- Statistics

T1 - October / December

- Strategic Project Management
- Managing Operations and Quality
- New business Model and Strategic Alliances
- Sustainable innovation
- Cost Management in project Management
- Project Scheduling and planning
- Strategic Leadership
- Managing Supply Chain and Logistics Projects
- Project Portfolio Management
- Knowledge Management
- Management: Theory, Practice and Methodology

T2 - January - March

• Digital Week Competition

- Project Theory
- Digital Week Competition
- Strategic Technology Assessments
- Technology Forecasting and Strategic Change
- Stakeholders and B2B Management
- Marketing Management
- Project Financing
- Digital Entrepreneurship
- Soft Skills and Communication
- Sustainable Innovation and Technology
- CAPM/PMI certification
- Management des achats publics
- Management des achats retail & digital retail
- Droit des contrats

Study Trip

Internship – from April onward

Thesis Defense



OM TRACK IN CERGY

The admission process is through our online platform and is opened from September 10th 2017 to June 30th 2018 for the Operations Management Track in Cergy.

The track requires 6 UV and 1 UVEP (4 mandatory courses, 2 elective courses) and to complete an internship of at least 3 months in an approved Operations Management area.

To validate your internship, please send a copy of your contract by email to Mrs Jennifer RODRIGUES DA SILVA at rodriguesdasilva@essec.edu, in order to confirm its relevance.

A certificate will be delivered by the Heads of the Operations Management Track to the students who have successfully validated the track.

All the necessary information are also available on the Operations Management Track website: <https://sites.google.com/a/essec.edu/filiere-mop-om-track-in-cergy/>

Operations Management Track in Cergy

Requirements



OBJECTIVES:

- To teach fundamental management and analysis concepts, which are required any general manager
- To convey to students strong competence in OM topics (Supply chain management, Purchasing, etc...)
- To prepare students to effectively work on strategic as well as operational level in OM key areas

Participants receive a certificate for successful validation of the track.

COURSE REQUIREMENTS (6 UV)

- 4 mandatory courses
 - Course from OM department (MOPP-MOPO-MOPI)
- 2 elective courses
 - Courses from OM and/or others departments

INTERNSHIP IN OPERATIONS AREA (1 UVEP)

- An internship of at least 3 months in the Operations related area (e.g. supply chain, purchasing, quality, operations strategy, services, innovation...) is mandatory to validate the specialization track.



4 CORE COURSES

- MOPO 31211 Revenue Management
- MOPP 31100 Management Supply Chain
- MOPP 31001 Supply Chain Management
- MOPP 31105 Operations Management
- MOPP 31230 Management des achats et appro.
- MOPP 31231 Purchasing & Procurement Management
- MOPO 31212 Pilotage SC : Outils Appliqués
- MOPO 31213 SC Tools & Applications
- MOPP 31232 Gestion de Projet
- MOPI 31201 Responsible Innovation
- MOPI 31202 Innovation Responsable
- MOPI 31203 Service Management & Marketing
- MOPI 31204 Management et Marketing des services
- MOPO 31421 Operations & Technology Development

2 ELECTIVE COURSES (*The OM courses mentioned and the courses below*):

- CPTG 31222 Piloter Plans et Projets
- CPTG 31223 Managing Plans & Projects
- MKGS 31224 Stratégies Marketing B2B
- MKGS 31225 B2B Marketing Strategy
- IDSD 31375 Quantitative Risk Management
- MGTM 31256 Management d'Innovation
- MGTM 31257 Innovation Management



OM TRACK IN SINGAPORE

Eligibility

- ASC students: bachelor/ pre-master cycle must be fully validated before the application deadline
- AST students: pre-msc/ refresher courses must be fully validated before the application deadline
- TOEIC > 850 or IELTS > 7.0 or TOEFL > 100
- Min. 12 months of professional experience recommended

For more information about application deadlines and admission process, please contact Mrs Mauduit (mauduita@essec.edu) or Mrs Boulay (kentia.boulay@essec.edu).



Participants have the option to study for 1 trimester (T0/T1) in Singapore to complete OM track

COURSE REQUIREMENTS (6 UV)

- 6 mandatory courses
 - MOPO32209 Operations & Logistics Management
 - MGTM31201 Asian Culture and Society: experiencing Singapore, experiencing Business in Asia
 - MGTA32205 Innovation Management
 - MKGS32209 FMCG / Product Manager / Category manager
 - MOPO31232 Supply Chain Management in a Digital Age
 - Indirect Purchasing Strategy / Industrial Strategy & Purchasing
- 3 UVEI are awarded to students who validate the 6 UV of the Singapore Operations Management Track.



- **OPERATIONS MANAGEMENT IS A KEY FUNCTION IN MOST COMPANIES AND SIGNIFICANTLY DETERMINES SUCCESS IN THE MARKET**

- Having operations management background is seen as the best competence for a CEO to succeed.
- Operations-related topics make up to 20-30% of missions of the world's leading management consulting companies

- **THE OM DEPARTMENT AT ESSEC OFFERS THE RIGHT EDUCATION FOR YOU**

- International faculty with strong global research and industry track records
- Large course portfolio, covering the whole spectrum of operations management
- Two dedicated specialization tracks at Cergy and Singapore to deepen your OM skills

- **THE OM DEPARTMENT WELCOMES ANYONE WHO IS INTERESTED IN OUR AREA!**

- If you have any questions, contact **Jennifer RODRIGUES DA SILVA**, the assistant of the Department and the OM Tracks, at rodriguesdasilva@essec.edu
- You can also meet **Operations Management Professors** in the ground floor of the Nautile Building



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