

# DEDICATED DOUBLE DEGREE LSM - IST in Operations Management & Engineering

LSM Master's in Business Engineering  
*Major in Supply Chain Management OR Major in Financial Engineering*

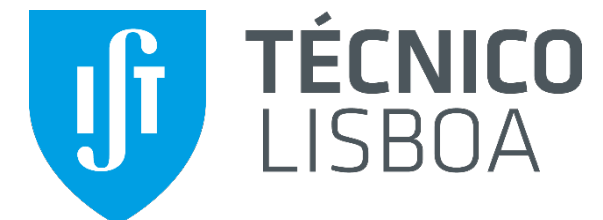
+

IST Master's in Industrial Engineering and Management  
*Specialisation in Operation Engineering*

- [LSM Major in Supply Chain Management](#)
- [LSM Major in Financial Engineering](#)



**LOUVAIN**  
School of Management



All programmes are entirely taught in English.

Programmes are for information purposes only and may be subject to change.

# DEDICATED DOUBLE DEGREE

## LSM (Business Engineering) – IST (Industrial Engineering and Management)

### Year 1 @ LSM – Year 2 @ IST

YEAR 1 @ LSM				YEAR 2 @ IST	
TERM 1		TERM 2		TERM 3	TERM 4
PART 1	PART 2	PART 1	PART 2		
2 COURSES <i>Technological and Quantitative Project</i> (10) <i>Corporate Social Responsibility</i> (4)	3 COURSES OF THE SUPPLY CHAIN MANAGEMENT MAJOR (15)	2 COURSES <i>Performance Management</i> (5) <i>Data Analytics applied in Business</i> (5)	3 COURSES OF THE SUPPLY CHAIN MANAGEMENT MAJOR (15)	ELECTIVE COURSES <i>Engineering economics</i> (6) <i>Devices and network for logistics</i> (6) <i>Industrial control and automation</i> (6) <i>Operations planning and control</i> (6) <i>Warehouse and materials management</i> (6)	1 COURSE <i>Project in Industrial Engineering and Management</i> (12)
		<i>Seminar on Relational and Managerial Competences</i> (3)			
<i>Seminar on Current Managerial Issues</i> (3)				MASTER'S THESIS (20 at LSM/30 at IST) *	
<b>60 ECTS</b>				<b>62/72 ECTS</b>	

Master's in Business Engineering  
120 ECTS

+

Master's in Industrial Engineering and Management  
120 ECTS

Please note that redundancy between courses is not allowed except for complementary courses (more advanced or in-depht analysis). To be determined by academic advisors.

\* While you have only one Master's thesis to write, it will count for 20 ects in your LSM Master's degree and 30 ects in your IST Master's degree.

#### A Year at LSM

At LSM, each semester is divided into 2 parts of 6-week intensive courses

Part 2 of each semester is dedicated to your Major Courses. The [Major in Supply Chain Management](#) contains the following courses:

#### MAJOR IN SUPPLY CHAIN MANAGEMENT (6 courses)

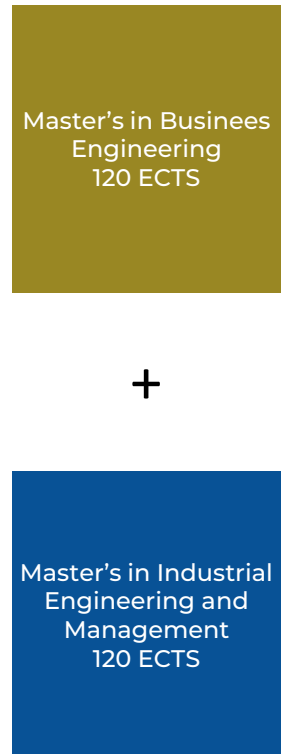
- *Supply Chain Management* (Term 1)
- *Tools for Supply Chain Management Decisions* (Term 1)
- *Supply Chain Coordination and Sourcing* (Term 1)
- *Advanced Operations Management: Models and Applications* (Term 2)
- *International Supply chain Management* (Term 2)
- *Supply Chain Planning* (Term 2)

# DEDICATED DOUBLE DEGREE

## LSM (Business Engineering) – IST (Industrial Engineering and Management)

### Year 1 @ LSM – Year 2 @ IST

YEAR 1 @ LSM				YEAR 2 @ IST	
TERM 1		TERM 2		TERM 3	TERM 4
PART 1	PART 2	PART 1	PART 2		
2 COURSES <i>Technological and Quantitative Project</i> (10) <i>Corporate Social Responsibility</i> (4)	3 COURSES OF THE FINANCIAL ENGINEERING MAJOR (15)	2 COURSES <i>Performance Management</i> (5) <i>Data Analytics applied in Business</i> (5)	3 COURSES OF THE FINANCIAL ENGINEERING MAJOR (15)	ELECTIVE COURSES <i>Engineering economics</i> (6) <i>Devices and network for logistics</i> (6) <i>Industrial control and automation</i> (6) <i>Operations planning and control</i> (6) <i>Warehouse and materials management</i> (6)	1 COURSE <i>Project in Industrial Engineering and Management</i> (12)
		<i>Seminar on Relational and Managerial Competences</i> (3)			
<i>Seminar on Current Managerial Issues</i> (3)				MASTER'S THESIS (20 at LSM/30 at IST) *	
60 ECTS				62/72 ECTS	



Please note that redundancy between courses is not allowed except for complementary courses (more advanced or in-depth analysis). To be determined by academic advisors.

\* While you have only one Master's thesis to write, it will count for 20 ects in your LSM Master's degree and 30 ects in your IST Master's degree.

#### A Year at LSM

At LSM, each semester is divided into 2 parts of 6-week intensive courses

Part 2 of each semester is dedicated to your Major Courses. The [Major in Financial Engineering](#) contains the following courses:

MAJOR IN FINANCIAL ENGINEERING (6 courses)
<ul style="list-style-type: none"> <li>• <i>Forecasting</i> (Term 1)</li> <li>• <i>Derivative Pricing</i> (Term 1)</li> <li>• <i>Investments</i> (Term 1)</li> <li>• <i>Macro Finance</i> (Term 2)</li> <li>• <i>Credit and interest rate risk</i> (Term 2)</li> <li>• <i>Big Data in Finance</i> (Term 2)</li> </ul>