



Lisbon School
of Economics
& Management
Universidade de Lisboa



LISBOA

UNIVERSIDADE
DE LISBOA

**OPEN
MINDS.
GRAB
THE FUTURE.**



MASTER - 2021/2022

ACADEMIC OFFER IN ENGLISH LANGUAGE FOR
EXCHANGE STUDENTS

IMPORTANT NOTES



ENROLMENT

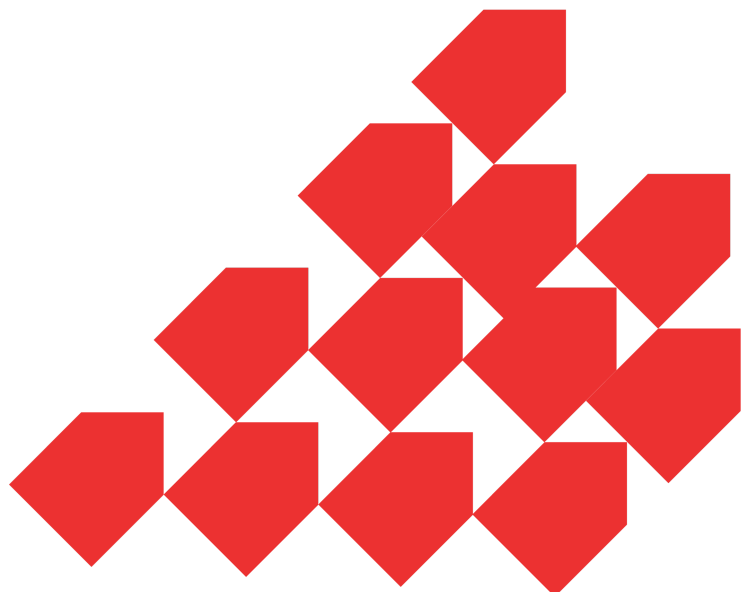
ISEG cannot guarantee the placement of all students in their first choices, considering there are limited places in the courses.

Enrolment will be subject to the Coordinator's Approval.

Free-mover students are **not allowed** to apply to the master in Finance nor to the Master in Management.

PRE-REQUISITES

Courses Available only for Master Degree Students.



AUTUMN

semester



ACCOUNTING

	ECTS	YEAR	SCHEDULE
ADVANCED AUDITING	6	1	🕒
ADVANCED MANAGEMENT ACCOUNTING	6	1	🕒
BEHAVIORAL LAB	2	1	🕒
CORPORATE FINANCE REPORTING	6	1	🕒
INTERNATIONAL TAXATION	6	1	🕒
SUSTAINABILITY, ACCOUNTABILITY AND ETHICS	4	1	🕒

ACTUARIAL SCIENCE

	ECTS	YEAR	SCHEDULE
FINANCIAL MATHEMATICS	6	1	🕒
FINANCIAL MARKETS AND INVESTMENTS	6	1	🕒
RISK MODELS	6	1	🕒
PROBABILITY AND STOCHASTIC PROCESSES	8	1	🕒
COMPUTATION TOOLS FOR ACTUARIES	4	1	🕒
PENSION FUNDS	4	2	🕒
ASSET-LIABILITY MANAGEMENT	4	2	🕒
SOLVENCY MODELS	4	2	🕒
MODELS IN FINANCE	8	2	🕒
RATEMAKING AND EXPERIENCE RAKING	4	2	🕒
ACTUARIAL TOPICS	6	2	🕒
FINANCE AND FINANCIAL REPORTING	6	2	🕒

APPLIED ECONOMETRICS AND FORECASTING

	ECTS	YEAR	SCHEDULE
ECONOMETRICS	8	1	🕒
TIME SERIES ANALYSIS AND FORECAST	8	1	🕒
TOPICS IN STATISTICAL INFERENCE	8	1	🕒

AUTUMN

semester



DATA ANALYTICS FOR BUSINESS

	ECTS	YEAR	SCHEDULE
BUSINESS INTELLIGENCE AND DECISION SUPPORT	4	1	🕒
DATA PLATFORMS FOR ANALYTICS	6	1	🕒
DECISION MAKING AND OPTIMIZATION	6	1	🕒
ENTERPRISE ANALYTICS	4	1	🕒
PROGRAMMING FOUNDATIONS IN PYTHON	4	1	🕒
STATISTICAL METHODS AND VISUALIZATION	6	1	🕒

ECONOMICS/ MONETARY AND FINANCIAL ECONOMICS

	ECTS	YEAR	SCHEDULE
ECONOMETRICS	6	1	🕒
HISTORY OF ECONOMIC THOUGHT	6	1	🕒
MACROECONOMICS	6	1	🕒
MATHEMATICAL ECONOMICS	6	1	🕒
MICROECONOMICS	6	1	🕒

FINANCE

	ECTS	YEAR	SCHEDULE
CORPORATE INVESTMENT APPRAISAL	6	1	🕒
DATA ANALYSIS IN FINANCE	6	1	🕒
INVESTMENTS AND PORTFOLIO MANAGEMENT	6	1	🕒
FINANCIAL ANALYSIS AND REPORTING	6	1	🕒
DERIVATIVES	6	1	🕒
CASE STUDIES IN FINANCIAL ENGINEERING	6	2	🕒
FINANCIAL FORECASTING	6	2	🕒

AUTUMN

semester



MASTER IN MANAGEMENT*

	ECTS	YEAR	SCHEDULE
BUSINESS STRATEGY AND PERFORMANCE	3	1	🕒
EXCEL AND PYTHON ANALYSIS	3	1	🕒
FINANCIAL AND ESG REPORTING	3	1	🕒
FINANCIAL MARKETS AND MANAGEMENT	3	1	🕒
GLOBAL ECONOMIC TRENDS	3	1	🕒
LEADING PEOPLE IN THE 21ST CENTURY	3	1	🕒
MARKETING MANAGEMENT	3	1	🕒
OPERATIONS MANAGEMENT	3	1	🕒
ORGANIZATIONAL CULTURE AND BEHAVIOR	3	1	🕒
WORLD BUSINESS ENVIRONMENT	3	1	🕒

*THE 1ST SEMESTER IS DIVIDED INTO TWO 6-WEEK PERIODS, EACH OFFERING 5 MANDATORY COURSES AND ONE WEEK OF INTEGRATION

MANAGEMENT AND INDUSTRIAL STRATEGY

	ECTS	YEAR	SCHEDULE
COMPANY INTERNATIONALIZATION STRATEGIES	6	1	🕒
FINANCIAL MANAGEMENT	6	1	🕒
INDUSTRIAL ORGANIZATION	6	1	🕒
LOGISTICS AND SUPPLY CHAIN	6	1	🕒
MANAGEMENT STRATEGY	6	1	🕒
QUALITY MANAGEMENT	6	1	🕒

MATHEMATICAL FINANCE

	ECTS	YEAR	SCHEDULE
FINANCIAL MARKETS AND INSTRUMENTS	7.5	1	🕒
MATHEMATICAL METHODS IN FINANCE	6	1	🕒
PROGRAMMING TECHNIQUES	7.5	1	🕒
PROBABILITY THEORY AND STOCHASTIC PROCESSES	9	1	🕒

AUTUMN

semester



MATHEMATICAL FINANCE (CONT.)

	ECTS	YEAR	SCHEDULE
STOCHASTIC FINANCE IN CONTINUOUS TIME	6	2	⌚
INTEREST RATE AND CREDIT RISK MODELS	4,5	2	⌚
OPTIMIZATION AND CONTROL THEORY IN FINANCE	4,5	2	⌚
LÉVY PROCESSES AND APPLICATIONS IN FINANCE	3	2	⌚

MONETARY AND FINANCIAL ECONOMICS

	ECTS	YEAR	SCHEDULE
CORPORATE GOVERNANCE	6	2	⌚
PUBLIC FINANCE IN THE EMU	6	2	⌚
INTERNATIONAL FINANCIAL MARKETS	6	2	⌚

SPRING

semester



ACCOUNTING

	ECTS	YEAR	SCHEDULE
ACCOUNTING INFORMATION SYSTEMS	6	1	🕒
ADVANCED FINANCIAL ACCOUNTING	6	1	🕒
STRATEGIC MANAGEMENT CONTROL SYSTEMS	6	1	🕒
DATA ANALYSIS IN ACCOUNTING	6	1	🕒
RESEARCH METHODS IN ACCOUNTING	6	1	🕒

ACTUARIAL SCIENCE

	ECTS	YEAR	SCHEDULE
SURVIVAL MODELS AND LIFE CONTINGENCIES	8	1	🕒
TIME SERIES	6	1	🕒
GENERALIZED LINEAR MODELS	4	1	🕒
LOSS RESERVING	4	1	🕒
RISK THEORY	8	1	🕒

APPLIED ECONOMETRICS AND FORECASTING

	ECTS	YEAR	SCHEDULE
MACROECONOMETRICS I	8	1	🕒
MICROECONOMETRICS I	8	1	🕒
TIME SERIES ANALYSIS FOR FINANCE	8	1	🕒
SPATIAL ECONOMETRICS	8	1	🕒

DATA ANALYTICS FOR BUSINESS

	ECTS	YEAR	SCHEDULE
ADVANCED STATISTICAL METHODS	4	1	🕒
FORECASTING METHODS	6	1	🕒

SPRING

semester



DATA ANALYTICS FOR BUSINESS (CONT.)

	ECTS	YEAR	SCHEDULE
PROGRAMMING FOR DATA SCIENCE	6	1	🕒
RESEARCH & DEVELOPMENT SEMINARS	4	1	🕒
MACHINE LEARNING AND DATA MINING	6	1	🕒
BIG DATA TOOLS AND ANALYTICS	4	1	🕒

ECONOMICS

	ECTS	YEAR	SCHEDULE
GROWTH ECONOMICS	6	1	🕒
LABOUR ECONOMICS	6	1	🕒
MACROECONOMICS AND MONETARY THEORY	6	1	🕒
ADVANCED TOPICS OF MICROECONOMICS	6	1	🕒

FINANCE

	ECTS	YEAR	SCHEDULE
MERGERS, ACQUISITIONS AND RESTRUCTURING	6	1	🕒
FUNDAMENTALS OF FINANCIAL ECONOMICS	6	1	🕒
CORPORATE FINANCING AND PLANNING	6	1	🕒
FIXED INCOME PRODUCTS AND MARKETS	6	1	🕒
REAL ESTATE FINANCE	6	1	🕒
REAL OPTIONS	6	1	🕒

MASTER IN MANAGEMENT

	ECTS	YEAR	SCHEDULE
GLOBAL MANAGEMENT CHALLENGE SIMULATION	3	1	🕒
QUALITATIVE DATA ANALYSIS	3	1	🕒
QUANTITATIVE DATA ANALYSIS	3	1	🕒
MANAGEMENT INFORMATION SYSTEMS	3	1	🕒

MANAGEMENT AND INDUSTRIAL STRATEGY

	ECTS	YEAR	SCHEDULE
INDUSTRIAL MARKETING	6	1	🕒
INDUSTRIAL POLICY AND COMPETITIVENESS	6	1	🕒
MANAGEMENT OF INNOVATION	6	1	🕒
MARKETING FOR INNOVATION AND NEW PRODUCTS	6	1	🕒
PLANNING, CONTROL AND INTEGRATION OF PRODUCTION	6	1	🕒

MATHEMATICAL FINANCE

	ECTS	YEAR	SCHEDULE
FINANCIAL ECONOMETRICS	6	1	🕒
FOUNDATIONS OF FINANCIAL THEORY	6	1	🕒
NUMERICAL METHODS IN FINANCE	9	1	🕒
STOCHASTIC CALCULUS	9	1	🕒

MONETARY AND FINANCIAL ECONOMICS

	ECTS	YEAR	SCHEDULE
EXPERIMENTAL ECONOMICS: METHODS AND TOPICS	6	1	🕒
FOUNDATIONS OF FINANCIAL ECONOMICS	6	1	🕒
MONETARY AND FINANCIAL HISTORY	6	1	🕒
MONETARY POLICY	6	1	🕒