

Magellan Exchange

GRADUATE/MASTER Course Offerings in English

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Variation may occur; please use this as a general guide only. Credits, course requirements, and eligibility vary.

More information about each institution is available at <http://www.magellanexchange.org/partners/>.

Vorarlberg University of Applied Sciences - Dornbirn, Austria

FALL 2025 SEMESTER

Mechatronics

Advanced Finite Element Analysis
Applied Robotics
Digitization of Production
Directed Research Seminar

Embedded Systems III
Higher Mathematics III
Sensor Systems

Sustainable Energy Systems

Advanced Finite Element Analysis
Computer Applications
Critical Thinking
Efficient Systems – Selected Chapters
Electrical Power Systems
Energy Markets & Trading
Energy Project – Business Plan

Energy Transmission
Financing & Economic Viability
Internet of Energy
Project – Efficient Systems
Project – Smart Buildings
Seminar Master Thesis
Smart Buildings – Selected Topics

Spring 2026 SEMESTER

Business

Business Communication
Data Collection & Interpretation
Digital Business Management
Leadership Skills Lab

Leading Change & Transformation
Multinational Organizations & Strategy
Research Methods
Responsible Management

Computer Science

Advanced Web Architectures & Software Design
Architectures & Security in Distributed Systems
Communication Systems
Computer Vision

Evolutionary Algorithms & Optimization
Parallel Computing & Concurrent Programming
Software Processes
Stream Processing Systems

Mechatronics

AI in Action – Shaping Society & the Economy
Creating Innovations & Solving Probs. w/Design Thinking
Disruptive Tech: Fundamentals, Apps., Opportunities
Knowing in Everyday Practice
Human Rights in the Professional Context

Introduction to Financial Markets – Overview
Introduction to the Solidarity Economy
Master's Examination
Master's Thesis
Unleashing Ideas in Research

Sustainable Energy Systems

AI in Action – Shaping Society & the Economy
Creating Innovations & Solving Probs. w/Design Thinking
Disruptive Tech: Fundamentals, Apps, Opportunities
Knowing in Everyday Practice
Human Rights in the Professional Context

Introduction to Financial Markets – Overview
Introduction to the Solidarity Economy
Master’s Final Exam
Master’s Thesis
Seminar Master’s Thesis
Unleashing Ideas in Research

Neapolis University Pafos – Pafos, Cyprus

FALL 2025 SEMESTER

Accounting and Finance (MSc)

Accounting and Financial Statement Analysis
Advanced Audit and Assurance
Advanced Taxation
Banking Operations and Management
Big Data Analytics
Blockchain and Cryptocurrencies
Derivative Securities
Economics of Financial Markets
Governance, Risk and Ethics

Leadership and Organizational Behavior
Market and Credit Risk Management
Modelling High Frequency Finance
Portfolio Management and Wealth Planning
Real Estate Investment and Finance
Research Methods and Data Analysis
Strategic Business Leader
Strategic Business Reporting
Taxation

Banking, Investment & Finance (MSc)

Accounting and Financial Statement Analysis
Corporate Finance and Financial Management
Dissertation

Economics for Financial Markets
Quantitative Methods in Finance

Business Administration (MBA)

Accounting and Financial Statement Analysis
Dissertation
Leadership and Organizational Behavior

Marketing Management and Business Communication
Research Methods and Data Analysis

Business Administration in Tourism (MBA)

Accounting and Financial Statement Analysis
Digital Marketing
Dissertation
Entrepreneurship and Innovation

Leadership and Organizational Behavior
Marketing Management & Business Communication
Research Methods and Data Analysis

Digital Marketing (MSc)

Digital Marketing
Dissertation
e- Consumer Behavior

Marketing Management & Business Communication
Research Methods and Data Analysis

Environmental Impact Assessment & Sustainability Management (MSc)

Dissertation
Environmental Protection Law and Policy
Sustainability and Strategic Environmental Assessment

Theory, Procedures and Methods of Environmental
Impacts Assessment
Urban Planning and Sustainable Development

Financial Crime & Criminal Justice (MSc)

Anti-Corruption in Criminal Law
Criminal Capital Market Law
Dissertation
Economic and Financial Criminal Law: General Part
Economic Crime with Emphasis on AML/CFT

Introduction to the FATF Countries' Mutual Evaluation System
Penal Protection of Professional Secrecy
The International Dimension of Corporate Responsibility

Information Systems & Digital Innovation (MSc)

Digital Entrepreneurship and Innovative Business Models
Disruptive Technologies and Digital Transformation
Dissertation

IT Project Management
Research Methods

Law in International & European Business Law (LLM)

Dissertation
Energy Law
European Banking Law

European Consumer Law – Electronic Transactions Law
Internal Market Law
International Trade Law

Real Estate (MSc)

Dissertation
Dissertation Seminar
Quantitative Tools for Real Estate Analysis
Real Estate Investment: International and Domestic
Real Estate Law

Real Estate Management
Real Estate Marketing
Sustainability & Environmental Issues in Real Estate Development
Urban and Regional Economics

Space & Brand Identity (MSc)

Architecture as Comm Device: The Medium is the Message
Entrepreneurship and Innovation

Introduction to issues on Architecture, Space and Identity
Research Methods

Structural Robustness for Extreme Loading Conditions (MSc)

Advanced Structural Analysis
Advanced Structural Dynamics
Fire Safety of Structures

MSc Dissertation
Retrofitting of Structures

SPRING 2025 SEMESTER

Accounting and Finance (MSc)

Advanced Audit and Assurance
Advanced Taxation
Banking Operations and Management
Big Data Analytics
Blockchain and Cryptocurrencies
Corporate Finance and Financial Management
Derivative Securities
Economics of Financial Markets
Governance, Risk and Ethics

Leadership and Organizational Behavior
Managerial Accounting
Market and Credit Risk Management
Modelling High Frequency Finance
Portfolio Management and Wealth Planning
Real Estate Investment and Finance
Strategic Business Leader
Strategic Business Reporting
Taxation

Banking, Investment & Finance (MSc)

Banking Operations and Management
Derivative Securities
Market and Credit Risk Management

Portfolio Management and Wealth Planning
Real Estate Investment and Finance

Business Administration (MBA)

Contemporary Issues in Global Politics
Corporate Finance and Financial Management
Entrepreneurship and Innovation

Human Resources Management
Operations and Total Quality Management

Business Administration in Tourism (MBA)

Economics of Tourism and Hospitality
Management and Development of Hospitality Business

Strategic Destination Management
Tour Operating Management

Digital Marketing (MSc)

Big Data and Marketing Analytics
Digital Communication and Social Media Strategies

Disruptive Technologies
Entrepreneurship and Innovation

Environmental Impact Assessment & Sustainability Management (MSc)

Economic Analysis and Environmental Economics
Environmental Impacts Assessment of Projects

GIS and Environmental Modeling
Sustainability Science and Management

Financial Crime & Criminal Justice (MSc)

Corporate Criminal Law and Compliance
Cybercrimes and Cybersecurity
European Banking Law
European Economic Criminal Law
Global Taxation Standards and Financial Crime

Organized Crime: Substantial, Procedural, and
International Law
Prosecution and Investigation of Economic Crimes with
Emphasis on Asset Freezing and Confiscation

Information Systems & Digital Innovation (MSc)

Behavioral Science & Decision-Making w/Modern Tech
Big Data and Analytics
Blockchain and Cryptocurrencies
Digital Marketing

Information Security
Information Systems Analysis and Design
Problem Solving Programming with Machine Learning
Techniques

Law in International & European Business Law (LLM)

EU Tourism Law
European Competition Law

International Economic Law
Private International Law – International Transactions Law

Real Estate (MSc)

International Real Estate Economics
Real Estate Development
Real Estate Development Practice

Theory & Practice of Real Estate Valuation I
Theory and Practice of Real Estate Valuation II

Space & Brand Identity (MSc)

Architecture & Human Behavior
Digital Communication and Social Media Strategies
Holistic Approach to Branded Spaces

Leadership & Organizational Behavior
Marketing Management & Business Communication

Structural Robustness for Extreme Loading Conditions (MSc)

Advanced Earthquake Engineering
Design of Blast Resistant Structures

Risk Engineering & Risk Management
Structural Fire Resistance Design

Satakunta University of Applied Sciences – Rauma, Finland

FALL 2025 SEMESTER

Business

Contemporary Leadership	Research Competence
Innovation & Creativity	Research Planning & Process
Leading Sustainability & Corporate Social Responsibility	Strategy Work & Corporate Governance
Managerial Finance	Sustainable Marketing Management

SPRING 2026 SEMESTER

Business

Developing HR & Organizations	Green Supply Chain Management
Digital Business Models	Strategy Work & Corporate Governance
Globalization & Diversity Management	

Rennes School of Business - Rennes, France

FALL 2025 SEMESTER

Some courses must be taken together. Please refer to the School's course list on their Magellan profile page for requirements regarding how courses need to be grouped.

Business – Level 5

Advanced Corporate Finance	Exchange Markets
Advanced Financial Modeling	Financial Theory
Advanced Production Systems & Industry 4.0	Geopolitics & International business
AI & FinTech	Global Mindedness & Intercultural Intelligence
AI & Marketing	Global SC & International Trade
Block Chain & Crypto Assets	Harnessing AI for Business
Case Studies in Business Analytics, Ethics & Risk	International Negotiation & Business Development
Coding & Data Science for Finance	Inventory Management & Warehousing
Coding & Data Science for Finance	Islamic Finance
Consumer Behavior in a Sustainable Environment	Luxury Marketing Strategy
Contemporary Brand Management	Managing Risks & International Business Law
Contemporary Trends in the Luxury Industry	Marketing of Innovation
Corporate Responsibility in the Luxury Industry	Mergers & Acquisitions: an International Perspective
Corporate Social Responsibility in Marketing	Natural Resource & Environmental Economics
CRM Systems with AI Integration	Quantitative Finance
Data Driven Demand Planning	Sales Strategy & Management
Data Science Toolbox	Strategic Sourcing & Contract Negotiation
Decision Models for Supply Chain Planning	Strategy for Net Zero
Digital Advertising & Communication	Sustainable Finance
Digital & Influencer Marketing in the Luxury Industry	Sustainable Supply Chain & Green Logistics
Digital Tools for Sales Management & Forecasting	Topics in Financial Economics with “R”
Distribution & Transportation Management	

SPRING 2026 SEMESTER

Some courses must be taken together. Please refer to the School's course list on their Magellan profile page for requirements regarding how courses need to be grouped.

Business – Level 5

Choose 1 Specialization:

Data & Business Analytics:

Big Data & Business Analytics
Retail Analytics
Social Media Intelligence

Digital Marketing:

Advanced Digital PR & Corporate Communications
Database for Direct Marketing & E-CRM
Omni-Channel Distribution & Retail Management
Social Media & Search Engine Advertising

Financial Data Intelligence:

Deep Learning & Neural Networks for Finance
Financial Data Infrastructure & Text Mining
Financial Engineering & Commodity Trading

Geopolitics & Business:

Art & Influence
Commercial & Political Influence
Ethics & Responsible Business Negotiations
Geo-Economics

Electives:

Ethics & CSR in Finance
Purchasing & Sales Management

International Finance:

AI & Fin Tech
Empirical Methods in Finance
Financial Engineering & Commodity Trading

International Negotiation & Business Development:

Critical Marketing
Ethics & Responsible Business Negotiations
International Sourcing & Procurement
Simulations in Int'l Negotiation & Business Development

Logistics, Supply Chain, & Purchasing:

SC Project Management
SC Risk & Disaster Management
Supply Chain Analytics & Digitalization

Luxury Marketing & Brand Management:

Advanced Brand Management
Management of Sales in the Luxury Industry
Omni-Channels in the Luxury Industry
Sustainable Design & Brand Identity in the Luxury Industry

Services Marketing
Strategy for Net Zero

Aachen University of Applied Sciences - Aachen, Germany

FALL 2024 SEMESTER

Aerospace Engineering (Aachen campus)

Advanced Finite Element Methods
Analysis & Sizing of Aircraft Structures
Climate Change Adaptation in Commercial Aviation
Climate Change Impact on Automotive Sector
Critical Thinking & the Scientific Method
Electrified Vehicles Components Modeling
Exploration Mission Design
Flight Guidance & Navigation
Flight Simulation Technology
Global Automotive Homologation & Attribute Mgmt

Intercultural Communication
Powertrain Calibration Propulsion Systems
Propulsion System Integration
Space Exploration Project
Space Operations & Services
Transformative Urban Mobility
Transonic Aerodynamics
Turbomachinery Design & Analysis
Vehicle Acoustics
Vehicle Interior: Simulation & Evaluation

Chemistry & Biotechnology (Jülich campus)

Business Administration
Fundamental Skills I
Medical Physics
Nuclear Chemistry
Nuclear Chemistry & Radiation Biology

Nuclear Physics
Nuclear Physics & Radiation Detection
Nuclear Technology
Scientific Skills

Electrical Engineering & Information Technology

Advanced Motion Control
Analog & Digital Control Technology
Cognitive Robotics

Data Science II
Electromagnetic Simulation
Embedded Drive Design

Mechanical Engineering & Mechatronics (Aachen campus)

Advanced Engineering Mathematics
Advanced Fabrication Technologies
Advanced Motion Control
Analog & Digital Control Technology
Application of Mechatronics Systems
Fundamentals of Electrical Engineering

Fundamentals of Mechanical Engineering
Mechatronic Systems Simulation
MEMS/Microtechnology
Micromechatronic Systems
Sensors & Actuators

SPRING 2025 SEMESTER

Aerospace Engineering (Aachen campus)

Aircraft Design
Automotive User Interface Design
Computational Spaceflight Dynamics
Design of Electronic Powertrain Management Systems
Dynamics of Flight
Electronics for Autonomous Vehicle Mobile Systems
Engineering Meets Design
Environmental Effects of Aircraft Propulsion

Environmental Impact of Vehicle Powertrain
General Management of Automotive & Aerospace Supplies
Hydraulic & Electric Aircraft Systems
Hypersonic Aerodynamics & Atmospheric Entry
Planets & Life
Space Systems & Payload Engineering
Vehicle Structures: FEM & Testing

Business (Aachen campus)

Business Case
Cross-Cultural Competences
Customer Integration
Finance for Global Managers

Governance & Responsibility
International Economics
International Supply Chain Management
Management of Sales & Services

Chemistry & Biotechnology (Jülich campus)

Nuclear Applications
Fundamentals of Engineering
Fundamental Skills II

Management Skills
Nuclear Chemistry & Radiation Biology
Nuclear Physics & Radiation Detection

Electrical Engineering & Information Technology

Data Science I
Functional Safety for Road Vehicles

Robot Programming with ROS

Mechanical Engineering & Mechatronics (Aachen campus)

Advanced Robotics & Autonomous Mobile Systems
Industrial Communication
ROS – Open Source Technologies in Robotics

Simulation of Structure, Fields & Flows
Systems Engineering

Schmalkalden University of Applied Sciences – Schmalkalden, Germany

FALL 2024 SEMESTER

Business, Economics, & Business Law

Digital Marketing
Digital Transformation & Data Value
Finance & Economics of Digital Markets
Financial Instruments
Financial Markets
International & European Economic Law

International Monetary Economics
Investment Appraisal
Organizational Behavior
Political Philosophy
Purchasing Strategy
Sustainable Finance

Computer Science

Computer Graphics
Distributed Systems
IT Security

Signals & System
Web Applications

SPRING 2025 SEMESTER

Business, Economics, & Business Law

Automotive Technology Management
Behavioral Finance & Investments
Business Planning
Economic Philosophy
Economics & Finance of Risk & Uncertainty
Labor Economics

Management Control Systems
Philosophy of Science
Strategic Brand Management
Strategic & International HR Management
Valuation & Financial Analysis

Computer Science

Agile Software Development
Computational Intelligence

Mobile Systems
Service-Oriented Networks

University of Belgrade (Faculty of Economics & Business) – Belgrade, Serbia

FALL 2025 SEMESTER

Business

Accounting Information for Decision Making	Intermediate Public Finance
Applied Macro-Finance	Investments
Applied Microeconomics	Machine Learning & Data Mining
Asset Pricing	Mathematics & Modelling for Economics & Finance
Big Data Management	Methodology of Scientific Research
Business Process Management	Microeconometrics
Corporate Financial Reporting	Organization & Management
Developing Software Solutions	Principles of Tax Law & Tax Procedure
Digital Tools	Research Seminar
Direct & Indirect Taxes	Stochastic Calculus for Finance
Economics of Taxation – Principles & Policy	Tax Accounting
Information System Management	Topics in Finance
Intermediate Econometrics	Welfare Economics

SPRING 2026 SEMESTER

Business

Advanced Digital Tools	Fixed Income Securities
Applied Macro-Finance	Growth Theory & Economic Policy
Behavioral Economics & Finance	Intermediate Labor Economics
Business Analytics & Decision Making Using Data	Intermediate Macroeconomics
Business Econometrics & Data Analysis	Intermediate Strategic Marketing
Corporate Finance	International Tax Planning
Derivatives	IT Project Management
Digitalization & Taxation	Machine Learning & Data Mining
Digital Marketing	Policy Analysis & Impact Evaluation
E-Commerce	Research Seminar
Ethical Issues in Tax Practice	Risk Modeling
EU Company Law	Taxation of Wealth & Financial Services
EU Tax Law	Topics in Economics

Institutions in English-speaking countries

Magellan members in English-speaking countries are not listed in this document since all of their courses are taught in English. You can find their course offerings via their Magellan institutional profile under the “Courses in English” section.

[Click here to go to Magellan institutional profiles](#)