

ESC
CLERMONT

**BUSINESS
SCHOOL**

**MSC MASTER
OF SCIENCE**

MSC MASTER OF SCIENCE PROGRAMMES

MASTER'S DEGREE



MSC MASTER
OF SCIENCE



**AACSB
ACCREDITED**

SCHOOL FOR LIFE SINCE 1919

Since its creation, our school has formed part of the network of Grandes Ecoles

- It is a member of the Conference of Grandes Ecoles, which includes 227 Grandes Ecoles (engineering, management, architecture, design, political science institutes, etc.), all accredited by the State and awarding Master's degrees. The French system of Grandes Ecoles is unique in the world.
- It has the highest recognition at the national level for its Bachelor's and Master's degrees, accredited by the Ministry of Higher Education, Research and Innovation (MESRI).
- It is recognised at the international level thanks to its three international accreditations, which validate the quality of teaching, research and the professionalisation aspects of its programmes.
- Lastly, ESC Clermont BS is associated with the University of Clermont Auvergne (UCA) and shares with UCA the Clermont Research Management laboratory (ClERMA).

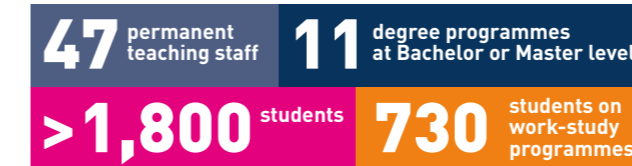
ACCREDITATIONS



A DYNAMIC SCHOOL

NEW EXPERTISE

Over the last few years, ESC Clermont BS has successfully developed new sectors of expertise and new courses. Its three sector specialisations, Sport Business, Retail Management and Sustainable Mobility, correspond to real issues within the region, with an international focus and impact. At the same time, the School has created innovation specialisations in Business Intelligence, Supply Chain, Digital Marketing, Finance, HR and Sustainable Development.



INCREASING INTERNATIONAL VISIBILITY

Within a time frame of the space of 18 months, the School has obtained two international accreditations: EFMD Bachelor followed by AMBA. With the AACSB obtained in 2006, it holds three accreditations and is therefore in the top 1% of BS worldwide. This new positioning has enabled it to:

- increase the proportion of its international students from 20% to 30%
- recruit new top-level teaching and research staff in September 2021, 80% of whom are international of which 80% are international
- sign new partnership agreements with prestigious universities in the United States and Australia, in particular.

NEW OFFERS

The development of work-study programmes, the creation of new Bachelor and Master level courses and specialised courses and the development of double degrees have enabled it to reach a critical size, while retaining its human scale. Courses launched in 2020 and 2021: MSc Purchasing and Supply Chain Management, MSc Transforming Mobility (with Sigma), MSc Strategy & Design for the Future (with Strate Design School), Bachelor in Digital Communication and E-Business



CAMPUS TRUDAINE XL

This is the extension project of our campus ideally situated in the city centre, on Boulevard Trudaine. A change of scale beginning this year, with an additional 3,000 m², seamlessly integrated.

- An emblematic campus in the city centre, attractive and pleasant to live in.
- A teaching environment conducive to learning in all its forms
- A campus facilitating generational and cultural diversity
- An entrepreneurial philosophy, uniting us internally and with those around us
- A proactive campus with regard to environmental standards

TODAY, IT'S TIME TO MAKE SENSE

The countdown has begun. You have the next few years to find your path, develop your project, test your experience, know yourself and better understand the world of tomorrow.



MAKE SENSE

Leitmotiv. invariable.

1. The state of mind of those who strive for a better world.
2. The guiding principle that will give meaning to each of your choices.

FINDING YOUR PATH MEANS THINKING ABOUT...

WHAT YOU LIKE DOING

This no doubt seems the easiest question to answer... In effect, by now you know what you like doing among everything you have already tried. But what about trying out new things to expand the scope of what is possible?

By multiplying your experiences, projects, major and minor subjects, meetings with professionals and experiences abroad, and by working with concrete tools, you will be better placed to make the right choices.

WHAT YOU ARE SUITED FOR

Being fulfilled in your work means finding the right balance between pleasure, usefulness and compatibility. One thing is for sure, we are not all suited to the same professions and we will not all flourish in the same activities. The aim is to discover your professional personality in order to make the right choices, give the very best of yourself, radiate positive energy, rally others around you and be fully committed.



WHAT THE WORLD NEEDS

The world is quickly evolving, things are increasingly uncertain and the collective challenges facing us are colossal. Anticipating the future and having an excellent grasp of global climate and geopolitical issues is now essential. As is coming up with new models, thinking outside the box to design new solutions for the future and being useful to the world of tomorrow.

OUR CUSTOMISABLE COURSE OPTIONS AND THE SUPPORT OF THE CAREERLAB WILL HELP YOU FIND YOUR PATH, YOUR MAKE SENSE...

ABOUT THE MSc. PROGRAMME

The Master of Science is a specialized Master's programme that provides students with expertise in a certain area of specialization or domain. Students will also acquire general managerial skills and competencies that are essential to having an outstanding career in any field.

The programme is designed for:

- **Fresh graduates or graduates with little experience**
Those who would like to pursue postgraduate studies in order to specialize in a particular area boosting their career prospects upon finishing the programme
- **Professionals with several years of experience**
Those who are looking forward to returning to studies to gain specific expertise and acquire new skills with the aim to develop their professional career further in an evolving job market



Only 5% of the world's business schools are AACSB-accredited.



All our MSc. programmes are CGE accredited (Consortium of Graduate Schools of Management which is a network of the 38 business schools in France offering quality education).

DYNAMIC COURSES

The Master of Science deploys a dynamic and innovative approach to teaching, one that reinforces practice through the different learning methods: face-to-face learning, case studies, company projects, lectures by professionals and coaching. Lectures are delivered by:

- High-level leaders stemming from the management world including managers and consultants from various backgrounds, fields and industries.
- Faculty professors recognized as experts in their fields of study.

PROGRAMME TIMELINE

From October to December	CORE COURSES
From January to May	ADVANCED COURSES
From June to December	INTERNSHIP & THESIS
April the following year	GRADUATION

INTERNATIONAL ENVIRONMENT

MSc. programmes welcome mainly international students coming from all over the world. Students are of different nationalities, and have various study backgrounds, experiences, and ages. This generates a unique mix of students and assures a diverse multicultural atmosphere allowing students to prepare for working in an international setting.

MORE THAN 58 different nationalities represented (2021-2022)

INTERNSHIPS & CAREER OPPORTUNITIES MENTORING & SUPPORT

As part of the curriculum, students will carry out an internship/work experience upon finishing their study period. **This is a unique opportunity** to put into practice what they have learned in the classroom, to **develop new skills and to boost their career opportunities**. Students are also accompanied during their integration into the professional world:

- Career counseling
- Networking
- Career days
- Conferences and workshops.

A professional experience lasting for a minimum of 4 months is required and may be completed in France or abroad. Each student is individually supervised by a designated tutor and completes a thesis, followed by an oral defense.

PARLEZ-VOUS FRANÇAIS ?

FRENCH COURSES

As part of the curriculum, students will attend French classes according to their level to improve their language competencies significantly, allowing them to get the most out of their experience in France and fully integrate the French culture.

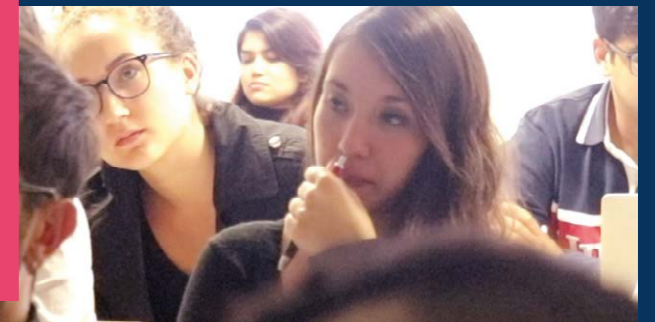


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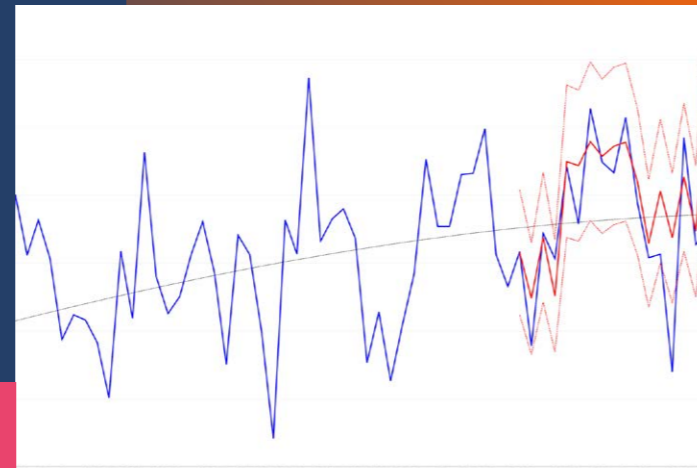
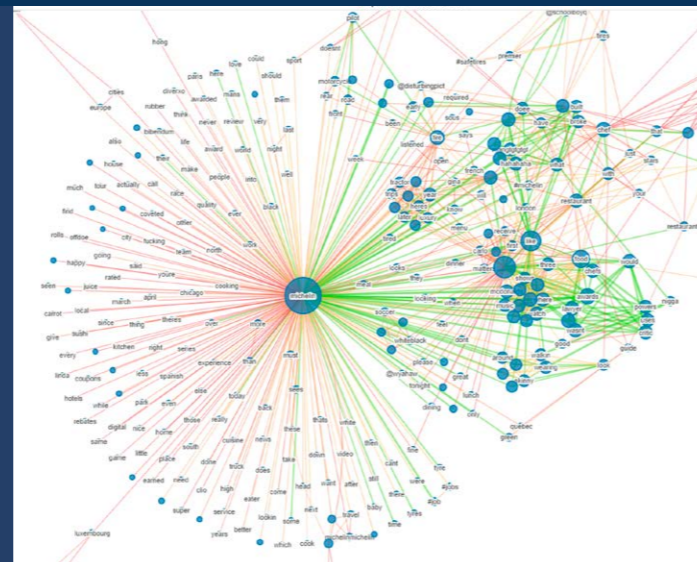
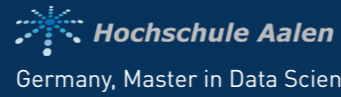
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BUSINESS INTELLIGENCE & ANALYTICS

DATA IS THE NEW OIL

Data analysis is now critical for companies wishing to improve their management, accelerate decision-making, and find new business models. This Master of Science aims to train Business Intelligence and Analytics professionals who need to provide decision support to managers. It enables them to benefit from a transverse consolidated view of data, not only to understand what happened in the past, but also to better anticipate the future, and efficiently collaborate within different business areas and using a wide range of information.

DOUBLE-DEGREE



PROGRAMME STRENGTHS

- Answer to the current demand of the digital trend on Business Intelligence and Analytics
- Mix of theory, practice and external conferences from professional references
- Use of market-leading software and tools (MicroStrategy, SQL, R, Python) through projects in agile (Scrum Method)

TARGETED SKILLS

- Knowledge of the concepts, methods and tools of Business Intelligence and Analytics
- Identification of business opportunities through data analysis and business requirements
- Efficient (lean) and flexible (agile) way of working between Business and Information Systems

PROGRAMME IN PARTNERSHIPS WITH



PROGRAMME CONTENT

SEMESTER 1

BUSINESS INTELLIGENCE & ANALYTICS – BASICS - 25 ECTS

• Introduction to Business Intelligence	6h
• Organization of Business Intelligence	18h
• Methodology in Business Intelligence	18h
• BI Methodology Applied (Group Project)	36h
• Fundamentals of Business Intelligence	18h
• Segmentation of Business Intelligence	30h
• BI Segmentation Applied (Group Project)	36h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Thesis Methodology	3h
• Mastering Data in Excel (e-learning)	15h
• French Language skills	30h
• Job Marketing	6h

SEMESTER 2

BUSINESS INTELLIGENCE & ANALYTICS – ADVANCED - 25 ECTS

• Knowledge Management	6h
• Advanced Data Modeling	24h
• Advanced Data Discovery	24h
• Advanced Data Visualization	24h
• Advanced Analytics - Qualitative Data	15h
• Advanced Analytics - Quantitative Data	45h
• Advanced Analytics Applied (Group Project)	42h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Strategic Management	18h
• Information Systems for Managers	18h
• French Language skills	45h
• Meetings with Practitioners	6h

SEMESTER 3

PROFESSIONAL MISSION & THESIS - 30 ECTS

• Master's Thesis & Oral Defense	10h
• Company Assessment	

CAREER OPPORTUNITIES

ON THE "BUSINESS" SIDE

- Business Analyst
- Data Manager
- Data Analyst
- BI/BA Project Manager
- BI/BA Team Manager

ON THE "INFORMATION SYSTEMS" SIDE

- BI/BA Functional Analyst
- BI/BA Consultant
- BI/BA Architect
- BI/BA Scrum Master
- BI/BA Domain Manager

In the long term, with complementary skills and additional experiences, students can expect to high-rank their current jobs or access others: Data Scientist, Chief Data Officer, etc

• 1 ECTS credits • 2 ECTS credits • 4 ECTS credits • 5 ECTS credits • 10 ECTS credits • 15 ECTS credits



OUR GRADUATES WORK WITH



HEAD OF THE PROGRAMME | SÉBASTIEN DOUAILLAT • sebastien.douaillat@esc-clermont.fr

CORPORATE FINANCE & FINTECH

THE RIGHT APPROACH IN A DISRUPTIVE WORLD OF FINANCE

In an environment with disruptive transformation in the financial industries, there is a need for graduates to drive this disruption forward to meet growing demand for certified and digital financial managers. The MSc Corporate Finance and Fintech at ESC Clermont has been designed to address the shortage in highly-certified financial skills serving financial technologies, by giving you the portfolio of technical and business skills essential to pass

the CFA certification (Chartered Financial Analyst), which is the most recognized financial certification in the world, and to fast-tracking your career in the digital financial industry, i.e., the objective of our MSc, which sets us apart from other masters in France and in Europe, is to prepare future CFA charterholders that can integrate the Fintech market.

DOUBLE-DEGREE



Germany, Master of Arts in Financial Management



PROGRAMME STRENGTHS

- Before the programme begins you will start developing your knowledge by studying a series of online pre-study modules
- Meet the needs of businesses and start-ups for CFA charterholders who are able to use technology to design and manage financial products and services
- Access to high-profile and certified practitioners from the Corporate Finance and Fintech world in France
- Understand and deal with the new global mobility eco-system
- Learning experience following the Harvard model of teaching
- Benefits of taking the CFA exam through the programme: Better job prospects, Networking opportunities, Increased earning potential

TARGETED SKILLS

- Understand and deal with the new global mobility eco-system
- Devise and implement the right strategies and multiple economic models
- Master product/service design and development
- Gain fundamental knowledge of the transport sector
- Encourage innovation management
- Lead projects & change management
- Perform mobility consulting missions
- Acquire a dual technical/business culture and versatility

PROGRAMME CONTENT

SEMESTER 1

FINANCIAL ENGINEERING - 25 ECTS

• Corporate Finance I	18h
• Financial Statement Analysis	24h
• Private Equity and LBO	24h
• Portfolio Management	15h
• Treasury Management	12h
• Data Analytics	30h
• Introduction to Blockchain and Web3	12h
• Ethical and Professional Standards	15h
• Preparation for CFA Certification	12h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Thesis Methodology	3h
• Mastering Data in Excel (e-learning)	15h
• French Language skills	30h
• Job Marketing	6h

SEMESTER 2

INVESTMENT AND TOOLS FOR FINANCE AND FINTECH - 25 ECTS

• Paytech and Techfin	18h
• Crypto trading and investing	18h
• Neobanking and Challenge bank	18h
• Regulatory Fintech and Crypto	12h
• Cybersecurity	12h
• Fintech Financing	12h
• Corporate Finance II	12h
• Risk Management	12h
• Mergers and Acquisitions	12h
• Economics	12h
• Quantitative Methods in Finance	18h
• Derivatives & Fixed Income	24h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Strategic Management	18h
• Information Systems for Managers	18h
• French Language skills	45h
• Meetings with Practitioners	6h

SEMESTER 3

PROFESSIONAL MISSION & THESIS - 30 ECTS

• Master's Thesis and Oral Defense	10h
• Company Assessment	

CAREER OPPORTUNITIES

- Financial Analyst
- Investment banking Analyst
- DCM Analyst
- M&A Analyst
- Investment Manager
- Quantitative Analyst
- Trade Analyst
- Crypto Trade Analyst
- Finance IT Manager
- Fintech Manager
- Regtech Compliance Manager
- Fintech Entrepreneur



OUR GRADUATES WORK WITH



● 1 ECTS credits ● 2 ECTS credits ● 3 ECTS credits ● 4 ECTS credits ● 15 ECTS credits

HEAD OF THE PROGRAMME | Aymen TURKI • aymen.turki@esc-clermont.fr - Professor of Finance

INTERNATIONAL COMMERCE & DIGITAL MARKETING

GLOBAL VISION & LOCAL AWARENESS

In today's commercial world the skill set that is expected from a professional is much more diverse than it was just a few decades ago. Parallel to embracing globalization, managers need to be aware of local market characteristics and should also possess the skills and knowledge to access these markets with digital means. The ICDM programme not only offers students a unique combination of skills and knowledge in marketing and sales, digitalisation, social media and international commerce but also opportunities to pursue professional projects at various local and multinational companies.

DOUBLE-DEGREE



Germany, Master of Arts in International Marketing and Sales



United Kingdom, MSc in International Business



PROGRAMME STRENGTHS

- Putting theory into practice through real world commercial and digital marketing missions
- Designed in collaboration with local and international partner companies
- Opportunity to build an international network of students and professionals from different sectors and cultural backgrounds

TARGETED SKILLS

→ Mastery of digital tools (e.g. webpage design, Google Analytics, SEO, creating social networks presence and managing online communities...)

→ An understanding of global economic and commercial trends as well as local business practices

→ Strong competencies in building marketing strategy and the use of marketing tools and sales techniques

JANUARY INTAKE AVAILABLE

PROGRAMME CONTENT

SEMESTER 1

DIGITAL MARKETING - 25 ECTS

• Marketing Communication and Media Management	18h
• Designing and Managing Marketing Research Projects	18h
• Social Media and Community Management	18h
• Digital Marketing	36h
• Web Site Development	24h
• Web Analytics	18h
• Competitive Pricing	9h
• DM Project	21h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Thesis Methodology	3h
• Mastering Data in Excel (e-learning)	15h
• French Language skills	30h
• Job Marketing	6h

SEMESTER 2

INTERNATIONAL COMMERCE & BUSINESS - 25 ECTS

• International Commerce	24h
• International Business and Geopolitics	24h
• International Marketing	12h
• Business Game	12h
• Cross-Cultural Marketing	18h
• Sales Techniques	12h
• Negotiation Skills	12h
• Business Data Analysis	18h
• Digital Tools	12h
• "Les Négociales" Challenge	6h
• IC Project	24h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Strategic Management	18h
• Information Systems for Managers	18h
• French Language skills	45h
• Meetings with Practitioners	6h

CAREER OPPORTUNITIES

ON THE "MARKETING AND SALES" SIDE

- Product Manager
- Social Media Manager
- International Marketing Manager

ON THE "INTERNATIONAL COMMERCE" SIDE

- Export Manager
- Sales/Commercial Manager
- International Commercial Manager

● 1 ECTS credits ● 2 ECTS credits ● 3 ECTS credits ● 5 ECTS credits ● 8 ECTS credits ● 15 ECTS credits

OUR GRADUATES WORK WITH



HEAD OF THE PROGRAMME | Balazs SIKLOS • balazs.siklos@esc-clermont.fr - Professor of Marketing

PROJECT MANAGEMENT

BECOME EFFECTIVE PROJECT LEADERS

Projects are getting increasingly complex in an ever changing international and cross cultural context. Project managers are change agents and this MSc in Project Management is designed for students who wish to improve their knowledge, skills and potential as highly efficient project leaders. While preparing both the PMI and lean/agile certifications, students will have the opportunity to develop several real projects during their academic journey supervised by professional practitioners coming from market-leading multinational companies.

PROGRAMME STRENGTHS

- Real life projects and event projects coached by certified professionals
- Comparative approaches to project management (waterfall versus agile)
- Free annual PMI membership and access to project management resources

TARGETED SKILLS & COMPETENCIES

- Knowledge of concepts, methods and tools to plan, steer and control projects
- Leadership in project management through business, technical and soft skills
- Lean principles, agile methods and digital tools as new paradigms in projects

DOUBLE-DEGREE



Germany, Master of Arts in International Marketing and Sales



United Kingdom, MSc in International Business



PROGRAMME CONTENT

SEMESTER 1

PROJECT MANAGEMENT – BASICS - 25 ECTS

• Project Management Fundamentals (Part I)	36h
• Project Management Soft Skills	18h
• Cost and Resource Management	18h
• Quality and Risk Management	18h
• Introduction to Lean Management	18h
• Project Management Softwares	18h
• Agile Project Management (Part I)	36h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Thesis Methodology	3h
• Mastering Data in Excel (e-learning)	15h
• French Language skills	30h
• Job Marketing	6h

SEMESTER 2

PROJECT MANAGEMENT – ADVANCED - 25 ECTS

• Project Management Fundamentals (Part II)	42h
• Pitching and Branding my Project	18h
• Communication and Stakeholders Management	18h
• Supply Chain and Procurement Management	18h
• Introduction to Agile Methods	18h
• Certification Preparation (PMI and Lean/Agile)	24h
• Agile Project Management (Part II)	42h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Strategic Management	18h
• Information Systems for Managers	18h
• French Language skills	45h
• Meetings with Practitioners	6h

SEMESTER 3

PROFESSIONAL MISSION & THESIS - 30 ECTS

• Master's Thesis & Oral Defense	10h
• Company Assessment	

CAREER OPPORTUNITIES

- Project Manager
- Program Leader
- Product Owner
- Scrum Master
- Entrepreneur
- Consultant



● 1 ECTS credits ● 2 ECTS credits ● 3 ECTS credits ● 7 ECTS credits ● 8 ECTS credits ● 15 ECTS credits

PARTNERSHIPS



OUR GRADUATES WORK WITH



HEAD OF THE PROGRAMME | Farid Hmaid • farid.hmaid@ext.esc-clermont.fr

TRANSFORMING MOBILITY

BUSINESS MODELS & VEHICLES FOR THE FUTURE



WITH THE FINANCIAL SUPPORT OF Programme d'Investissements d'Avenir

TRANSFORMING MOBILITY : EMPOWERING CHANGE

Transforming mobility is a major challenge in today's society and for the future. The stakes are high, notably for the Automotive Industry, shaken by the arrival of sharing platforms offering mobility services.

What are the keys to: combatting urban congestion and improving air quality; protecting people's health and natural resources; **offering mobility solutions** in peri-urban or low-density areas, **finding sustainable economic models for old and new economic players?** These are just some of the challenges Mobility Professionals face today.



PROGRAMME IN PARTNERSHIPS WITH



OBJECTIVES

The automotive industry, and the mobility sector at large, is undergoing a threefold disruption due to digitalisation, environmental constraints and technological developments. ESC Clermont Business School has specifically designed a MSc programme to help learners answer fundamental questions: **Which vehicles? Which mobility services? Which strategies? Which business models?**

This MSc programme will enable learners to successfully manage the transition towards sustainable mobility. Graduates will improve their employability and can reach higher-ranking positions within their existing jobs or seek new career opportunities within many private companies and public organisations pertaining to the Automotive Industry or mobility sector.

PROGRAMME STRENGTHS

Participants will benefit from:

- a **global understanding** of environmental, technological and socio-economic issues
- a **cross-disciplinary training** with the involvement of **major stakeholders in the mobility sector**
- a strong focus on the **challenges and stakes at both a local and international level**
- a **balance between theory, learning by doing and professional testimonials**
- a programme based on innovative experiments **carried out within companies and academic research**
- a programme **co-constructed with** companies specialised in the automotive industry, sharing platforms, energy specialists, fleet management, consulting firms, public service providers....
- a **cutting-edge, original, innovative training, with a forward-looking dimension**, meeting the expectations of the automotive and mobility sector

TARGETED SKILLS

- Understand and deal with the new global mobility eco-system
- Devise and implement the right strategies and multiple economic models
- Master product/service design and development
- Gain fundamental knowledge of the transport sector
- Encourage innovation management
- Lead projects & change management
- Perform mobility consulting missions
- Acquire a dual technical/business culture and versatility

This programme is financially supported by the French State, via the Avenir Investment Programme (PIA), PFA, the French Automobile Manufacturers Alliance



PROGRAMME CONTENT

SEMESTER 1

MOBILITY BUSINESS MODELS & VEHICLES FOR THE FUTURE - 25 ECTS

• Stakes and Challenges	33h
• Which Vehicles: Strategy & Foresights	30h
• Mobility As a Service (MAAS)	30h
• Managing Innovation and Business Model	27h
• Key Role of Energy Players	18h
• Transversal Project	24h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Thesis Methodology	3h
• Mastering Data in Excel (e-learning)	15h
• French Language skills	30h
• Job Marketing	6h



- 1 ECTS credits
- 2 ECTS credits
- 4 ECTS credits
- 5 ECTS credits
- 9 ECTS credits
- 15 ECTS credits

SUPPORTED BY

This programme has been specifically designed with the collaboration of internationally renowned companies and their experts:



HEAD OF THE PROGRAMME | Florence PUISEUX • florence.puisseux@esc-clermont.fr- Professor of Marketing and Communication

SEMESTER 2

PROJECT MANAGEMENT & TRANSFORMATION FACILITATION - 30 ECTS

• Intelligent Mobility - Transport, Infrastructures	27h
• Corporate Social Responsibility and Mobility	21h
• Peri-Urban Mobility and Low-Density Areas	27h
• Transformation Facilitation	30h
• Sustainable Mobility Project	75h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Strategic Management	18h
• Information Systems for Managers	18h
• French Language skills	45h
• Meetings with Practitioners	6h

SEMESTER 3

PROFESSIONAL MISSION & THESIS - 30 ECTS

• Professional Mission & Thesis & Oral Defense	10h
• Company Assessment	

CAREER OPPORTUNITIES

This MSc programme will open the door to a broad range of job opportunities and varied career paths offering the possibility to work in multi-cultural and international teams:

- Product/Service Manager
- Sustainable Mobility Manager
- Project Manager
- Fleet Manager
- Mobility Experiences & Innovation Manager
- Energy Mobility Business Developer
- Sustainable Mobility Programmes Coordinator
- Transformation Facilitator
- Sustainable Mobility Consultant

STRATEGY & DESIGN FOR THE ANTHROPOCENE

TRANSFORMING ORGANIZATIONS FACING A BIG CHALLENGE

Speaking today of sustainable development as a response to environmental « crisis » no longer allows us to grasp the deep transformations witnessed by the Earth's entry into a new geological and climatic epoch: **the Anthropocene**. This term refers to a new geological period dating back to the Industrial Revolution marked by the impact of human activities. Well beyond the design of a new product, a new service, or a new business model, **design today needs to tackle the issue of a strategic anticipation that is impacting all socio-economic activities**. It is precisely to address this imperative and the growing demand from students who are increasingly concerned about these challenges that ESC Clermont Business School and Strate Ecole de Design are offering this new programme which is the first of its kind in the world.



Strate Ecole de Design
campus de Lyon - 23, rue Paul Monrochet - 69002 Lyon

OBJECTIVES

Training professionals from different fields mainly associated with design and strategic management; developing means of action to transform organisations; adopting a prospective approach and taking into account ecological disruptions in the Anthropocene Era. This programme responds to a strong societal demand from organisations, as well as the academic world, from both students and scholars alike.

VALUE PROPOSITION

- Addressing the Anthropocene through the prism of design, integrating the strategy of the humanities and the strategy of organisations.
- In-depth reframing of issues historically associated with sustainable development and corporate social responsibility.
- Taking into account the contributions of environmental, climate, and engineering sciences, especially for decision-making and organisational transformation.

TARGETED SKILLS & COMPETENCIES

MSc students will acquire new technical and operational skills to initiate transition policies within organisations that wish to implement change by making proactive, rapid and effective ecological redirections. They will also be trained in the processes, methods and techniques that will enable them to design desirable futures within ecological, climatic, legal, social and political constraints. They will learn how to set up new forms of investigation to address unusual critical situations: accelerated changes in an ecosystem, collapse of a resource or living environment, situations of scarcity, humanitarian and social crisis, strategic crisis, forward-looking strategies, etc.

PROGRAMME IN PARTNERSHIPS WITH

strate
ECOLE DE DESIGN

Course provided on their campus in Lyon.

PROGRAMME CONTENT

SEMESTER 1 - 28 ECTS

• General introduction	6h
• Learning Expeditions	
• Introduction to inquiry	28h
• Biodiversity and Human activities	6h
• Reports and Narratives of the Anthropocene	21h
• Introduction to complex systems modelling	27h
• An analysis of institutions and economics	12h
• Designing	3h
• A deep history of the Anthropocene	18h
• Scales of the Anthropocene	3h
• Scientific watch and synthesis	6h
• Towards and beyond the organizational world: a historical perspective	10h
• Strategy	21h

SEMESTER 3 - 35 ECTS

THESIS & INTERNSHIP

- Master's Thesis & Oral Defense
- Internship

• Tools for Professionalization	23h
• Designing Jobs and Business-Model	15h
• New metrics	9h
• Learning expedition	

SEMESTER 2 - 48 ECTS

• (Dis)Innovation in the Anthropocene	33h
• Organizations in the Anthropocene	12h
• Technology in the Anthropocene	21h
• An analysis of institutions and economics	3h
• Geopolitics and ecological governance	17h
• Designing	62h
• Introduction to complex systems modelling	3h
• A deep history of the Anthropocene	6h
• Scales of the Anthropocene	3h
• Introduction to inquiry	3h
• Fieldwork preparation	24h
• Learning expedition	
• Ecology of "milieux"	30h
• Designing Law	12h
• New metrics	18h
• Renunciation protocols	6h
• Redesigning business models	9h
• Design of the commons	18h
• Metadesign, from purpose to impact	15h
• Designing negative commons	12h

● 1 ECTS credits ● 2 ECTS credits ● 3 ECTS credits
● 4 ECTS credits ● 5 ECTS credits ● 15 ECTS credits

CAREER OPPORTUNITIES

- Ecological redirection design manager
- CSR manager
- Ecological transition consultant
- Territorial development manager
- Prospective manager
- Sustainable development manager

40 PARTNERS, INCLUDING



PURCHASING & SUPPLY CHAIN MANAGEMENT

BECOME EXPERTS IN GLOBAL PROCUREMENT

In a globalized and competitive world, purchasing and supply chain management are strategic assets for developing company performance. This programme enables students to acquire the concepts, methods and tools essential to becoming professionals in these fields, which offer numerous opportunities in all sectors of activity and whatever the size of the company.

PROGRAMME STRENGTHS

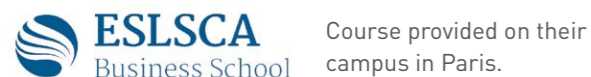
- Teaching based on real cases with the contribution of expert professionals
- Education based on the standards developed by APICS, the world leader association for supply chain management. APICS is the global leader in supply chain certification programme. This programme provides the level required to pass the CPIM certification exam, which is recognized by companies worldwide.
- The students build a real case of international sourcing allowing them to put into practice the methods and tools taught.

TARGETED SKILLS & COMPETENCIES

- Knowledge and practice of purchasing activities, methods and tools
- Acquisition of professional standards of competence in supply chain management
- development of a vision considering all flows and processes and focused on continuous improvement (Lean approach)



PROGRAMME IN PARTNERSHIPS WITH



PROGRAMME CONTENT

SEMESTER 1

FUNDAMENTALS OF PURCHASING AND SCM - 25 ECTS

• Introduction to Purchasing	12h
• Identification of Purchasing Needs	6h
• International Purchasing Rules	15h
• CSR	6h
• TCO	9h
• Negotiation Basics	12h
• Supplier Relationship Management	12h
• Essentials of SCM	6h
• Demand Planning and Forecasting	3h
• Essentials of Production Planning	12h
• Inventory Management Basics	12h
• Introduction to Lean Manufacturing	9h
• Physical Distribution Basics	6h
• Meetings with Companies Practitioners	15h
• Tutorials	24h
• Sourcing Cases Presentation	3h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Thesis Methodology	3h
• Mastering Data in Excel (e-learning)	15h
• French Language skills	30h
• Job Marketing	6h

SEMESTER 3

PROFESSIONAL MISSION & THESIS - 30 ECTS

• Master's Thesis & Oral Defense	10h
• Company Assessment	

● 1 ECTS credits ● 2 ECTS credits ● 3 ECTS credits
● 4 ECTS credits ● 5 ECTS credits ● 15 ECTS credits

SEMESTER 2

ADVANCED PROGRAMME - 25 ECTS

• Global Sourcing and Contracting (case of emerging countries)	27h
• Negotiation advanced	12h
• Purchasing per Sectors	12h
• Purchasing Costs and Risks	18h
• Business Cases and Professional Testimonies	12h
• Tutorials (Problems + Team Work on Purchasing Project)	24h
• Project Management	6h
• Business Intelligence	12h
• Digitalization	6h
• Alignment of Purchasing and SCM Strategies with Global Strategy	6h
• Demand Management	3h
• Capturing Innovation	3h
• Lean, Quality and Continuous Improvement	6h
• Manufacturing Planning and Control System	15h
• Inventory Management and Ordering Systems	6h
• Production Activity and Capacity Control	6h
• Physical Distribution advanced	6h

SHARED MODULES (TRONC COMMUN) - 5 ECTS

• Strategic Management	18h
• Information Systems for Managers	18h
• French Language skills	45h
• Meetings with Practitioners	6h

CAREER OPPORTUNITIES

- Supply chain manager
- Operations manager
- Logistics manager
- Planning manager
- Scheduling manager
- Demand manager
- Forecast manager
- Sales administration manager
- Flow driver
- Consultant
- Purchasing and supply manager
- Buyer
- Contract manager
- Sourcing Manager
- Category buyer
- Procurement manager
- ...



SUPPORTED BY



HEAD OF THE PROGRAMME | Yannick CARTAILLER • yannick.cartailler@ext.esc-clermont.fr

CAREERS

CAREERLAB, TO FIND YOUR MAKE SENSE

Throughout the course, the career support services does everything in its power to help boost your employability.
With Careerlab, you will work on your project and define your professional aims and objectives.

CareerLab:

1. helps you build your career plan.
2. supports you in deciphering the job market.

ITS MISSION

It works at every stage of the academic course to help students to

- know themselves better
- discover and decipher jobs and industries
- put together a search strategy

ITS TOOLS

- Make Sense workshops form part of the academic course, focusing on self-awareness, jobs and sectors
- Career Days can take various forms, always in the form of encounters: testimonies, inspirational talks, simulations with recruitment professionals, job dating
- Individual advisory meetings focus on precise objectives such as finding internships, work-study contracts and your first job. They are conducted with the Schools networks.



The Business Relations Team

THE "BUSINESS RELATIONS" TEAM CREATES LINKS

ITS MISSION

Develop partnerships with businesses, source offers of internships and work-study contracts and propose opportunities that "make sense" given your plans.



THE KEY STEPS TO MAKE THE MOST OF YOUR PROFESSIONAL EXPERIENCES

- Work on your career plan and on your professional identity (CV, social media)
- Target opportunities / companies linked to your chosen course
- Adapt your CV and covering letter to the target
- Publication of targeted offers
- Interview coaching
- Validation of experience



KEYS FIGURES

550 partner companies

99% placements secured in 2021/2022

550 PARTNERS FOR OUR STUDENTS IN 2022-2021, INCLUDING



STUDENT LIFE IN CLERMONT SCHOOL FOR LIFE

1st, 2nd, 3rd, ... 6th... but never lower! The rankings of student towns are published year after year and Clermont is always very well placed among large French cities. L'Etudiant, L'Express... the criteria may change, but Clermont is always at the TOP!

BETWEEN NATURE AND CULTURE

Clermont-Ferrand has always been a student city... but it is also a dynamic city where things happen, not at all like the stereotype! It is one of the most pleasant cities in France to study in and every year it welcomes almost 40,000 students, attracted by the cost of living, its economic vitality and its proximity to everything.

CULTURE

Clermont-Ferrand hopes to become European Capital of Culture... in 2028.

This is the city of internationally renowned festivals, with the **International Short Film Festival** (the second largest cinema festival in France after Cannes), **Europavox** (which brings together musical talent from all over Europe), **Les Carnets de Voyage**, video and digital arts, performing arts, etc. And now Effervescences, regular meetings to prepare Clermont's application for 2028.

There are many theatres, exhibition halls and museums with their own programmes: **Coopérative de Mai** for contemporary music (and Afterworks), **La Comédie Scène Nationale**, **MARQ** art gallery, **FRAC** regional art centre, **Opera**, **Auvergne Orchestra**, etc.

NATURE

You can get out of the city and into nature in only a few minutes.

The Chaîne de Puys and its iconic Puy de Dôme have recently been added to the UNESCO World Heritage List. Water enthusiasts can enjoy the many lakes, some formed in the craters of thousand-year-old volcanoes. In winter, skiers head for **Le Sancy** and **Super Besse**, thrills guaranteed!

Hiking, canoeing, ziplines, trail running, also karting, biking and paragliding, sports enthusiasts can all find an activity they enjoy... often finishing the day around a truffade, the traditional regional dish (watch your waistline).



ACCOMMODATION IN CLERMONT

30 m² 86% of students live in an apartment of at least 30m²

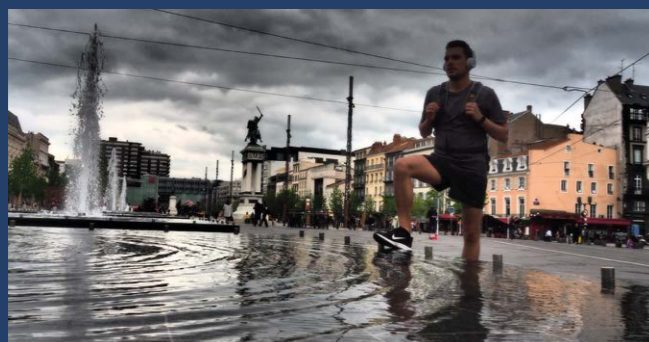
10 min max. 70% of students take less than 10 min to get to school

€450 max. 81% of students spend less than €450 on accommodation

95% of students come to school on foot or by tram

SPORT

Clermont has been elected the N°1 sporting city many times, with many top-class facilities, and because it is a land of champions: with ASM of course for rugby, but also Clermont Foot, the Sangliers Arvernes for ice hockey, and many athletes in many different disciplines



STUDENT ASSOCIATIONS



THE STUDENT SOCIETY (BDE)
organises associative life and the major events throughout the year



SEGMA
Junior Entreprise proposes real professionalising and remunerated missions for companies



STARTUP ACADEMY
sharing of experience and encounters on the theme of entrepreneurship



G02C
Association to promote the School, which helps high school and university students in their choices. 300 trips across the whole of France.



CREATIVE SOCIETY
Association for artistic endeavours and organisation of events: creativity, friendliness and versatility



THE ALUMNI ASSOCIATION
community of all current and former students of ESC Clermont BS, a powerful international professional network



BNEM
the representatives of ESC Clermont BS within the national union of management school students (BNEM)



HUMANITARIAN SOCIETY
Organisation of charity events for NGOs and local associations



INTERNATIONAL STUDENT COMMUNITY
international association rich in cultural diversity and the discovery of new horizons: welcome, union, sharing and open-mindedness



CULTURE SOCIETY
Discovery of French gastronomy and oenology, in a friendly and welcoming atmosphere



SPORTS SOCIETY
organises and runs all sporting life within the School. Competitions, theme nights, Sémineige, etc.



ESPORT ENTHUSIASTS
for fans of video games and e-sport on any competitive video game



DIGITAL SQUAD
is the association for "communicating" students who wish to help promote ESC Clermont BS via the digital channels!



LES CORDÉES DE LA RÉUSSITE
Actions to provide guidance and promote cultural openness for secondary school pupils from modest backgrounds, to raise their awareness of higher education



ARTICLE 1
Actions for students of the School from modest backgrounds or in difficult circumstances, to familiarise them with the world of work and its different codes

WORK & NETWORK

The Grandes Ecoles have always been renowned for their network. As the promise of School for Life resonates with students, alumni and partners alike, the ESC Clermont BS network is comprised.



- Of the executives and companies on the School's governance bodies and steering committees, who are involved in the day-to-day life of the School.
- Of the Alumni network. Its missions:
 - Maintain and develop links of friendship and solidarity between students and alumni of different year groups
 - Unite and coordinate the network of alumni
 - Encourage employment, careers and the sharing of experience
 - Support students of the School, future alumni, in entering the world of work
 - Contribute to the development and influence of ESC Clermont Business School

ALUMNI IN FIGURES

13,000 graduates **109** countries

CLERMONT-FERRAND, SO CLOSE TO EUROPEAN CAPITALS

Clermont-Ferrand is surrounded by volcanoes, including the Chaîne des Puys, recently **recognized by UNESCO** as a World Heritage Site. Formed 95,000 years ago, it has been inactive for around 6,000 years. Don't worry about unexpected rumbles!

Clermont-Ferrand is **close to other major French and European cities**:

- **Paris**, the most visited city in the world, with the Eiffel Tower, The Louvre Museum or the Champs Elysées Avenue is just a 3 hours away by train
- **The Mediterranean Sea** and its coastal towns of character: **Marseille** in France, **Barcelona** in Spain, **La Spezia** in Italy...
- **Lyon**, the main city of the Auvergne Rhône-Alpes region with its historic districts and culinary specialties is within a 2 hours drive, and the ski slopes of the Alps are just a 2 hours drive further
- **Geneva, Brussels, London, Berlin, Amsterdam ...** European capitals are just a few hours away for exotic trips and easily reached by plane



JOINING THE SCHOOL

ADMISSION

ENTRY REQUIREMENTS

- **A 4-year Bachelor degree or Validated Master 1**
- **Proficiency in English** (Official TOEFL score of 550 at least, or TOEIC of 750, or IELTS 6.0)

APPLICATION PROCEDURE

- All applications are to be submitted online on <https://www.esc-clermont.fr/en/apply-online/>
- Candidates will be invited to take a skype interview or an automated video conference aiming to evaluate their academic profile, motivation and linguistic skills.

SCHOLARSHIPS

Early bird waiver:

- Reduction on the fees for students who pay the full fees before starting the programme.

Scholarships provided by ESC Clermont Fondation:

- Scholarships based on three criteria: Financial situation, academic performance and behavior of the students.

Scholarships to go abroad:

- Scholarships allowing students to finance part of their stay in Europe as part of their study abroad in partner university or internship.



TUITION FEES 11,950 EUROS FOR THE MSc. PROGRAMME

FEES ALSO INCLUDE:

- Access to online learning resources
- Access to JobLab
- Subscription to the student union
- Access to ESC Alumni during 2 years



International Relations Office

Follow all our news on social media



www.esc-clermont.fr

ESC Clermont BS
4 boulevard Trudaine
63000 Clermont-Ferrand
+33 (0)4 73 98 24 24

CONTACT

International students

Mohamed EL ZAYADI
Recruitment Manager

mohamed.el-zayadi@esc-clermont.fr
+33(0)7 64 77 89 27

French students

Maxime GUICHARD
Promotion Officer

maxime.guichard@esc-clermont.fr
+33(0)6 38 63 23 24



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Communication
Department
ESC Clermont BS

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