

JOB LAB INTERNSHIP AND CAREER ADVISING CLASSES AND SUPPORT

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.

ALTERNANCE POSSIBLE
pour les étudiants français de début septembre
à fin août

CALENDRIER D'ALTERNANCE sur demande

WELCOME TO ESC CLERMONT!

Free "Welcome package" provided by our housing partner Moversia including accommodation search, airport or train station pick-up, opening a bank account and all administrative and practical needs during the first few weeks.

ADMISSION

ENTRY REQUIREMENT

Validated Master 1 or Bachelor equivalent (French or international), and English TOEFL score of minimum 550 (or equivalent)

APPLICATION

<http://www.esc-clermont.fr/en/apply-online/>

TUITION FEES

9900 € | 7900 € en alternance

HEAD OF PROGRAMME

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ESC
CLERMONT
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ESC
CLERMONT
GRADUATE SCHOOL
OF MANAGEMENT



MASTER OF SCIENCE BUSINESS INTELLIGENCE & ANALYTICS

ETUDIANTS FRANCAIS
ALTERNANCE
POSSIBLE

MSc
Master of Science

Business School
since 1919,
AACSB accredited
since 2005



100%
English

Une Valeur sûre

DATA IS THE NEW OIL

LES DONNEES SONT LE PETROLE DE DEMAIN

and 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 at training Business Intelligence and Analytics professionals who will provide decision support to managers and enable them to benefit from a transverse consolidated view of their data, not only to understand what happened in the past, but also to better anticipate the future, through an efficient collaboration between the different business areas and information systems of the company.

et leur analyse est désormais critique pour les entreprises qui souhaitent améliorer leur pilotage, accélérer la prise de décision, et trouver de nouveaux marchés. Ce programme vise à former des professionnels en Business Intelligence & Analytics, qui seront une aide à la décision des managers, et leur permettront de bénéficier d’une vue transverse consolidée de leurs données, non seulement pour comprendre le passé, mais aussi pour mieux anticiper le futur, à travers une collaboration efficace entre les métiers et le système d’information de l’entreprise.

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
- Usage of market-leader softwares through projects in agile method
- Réponse à la demande actuelle de la tendance digitale en Business Intelligence & Analytics
- Mix entre théorie, pratique et conférences externes de professionnels référents
- Utilisation de logiciels leaders du marché via des projets en méthode agile

TARGETED SKILLS AND COMPETENCIES

- 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
- Connaissance des concepts, méthodes et outils de Business Intelligence & Analytics
- Identification d’opportunités business à travers l’analyse des données et des besoins métiers
- Manière de travailler efficace (lean) et flexible (agile) entre métiers et système d’information

PROGRAM CONTENT

SEMESTER 1		SEMESTER 2		SEMESTER 3
Business Intelligence & Analytics – Basics		Business Intelligence & Analytics – Advanced		Professional Mission & Thesis
BI Presentation	6h	Knowledge Management	12h	Internship Thesis
BI Fundamentals	21h	Advanced Data Modeling	24h	Internship Oral Defense
BI Methodology	21h	Advanced Data Discovery	24h	Internship Company Assesment
BI Methodology Applied (Project)	36h	Advanced Data Visualization	24h	
BI Segmentation	45h	Advanced Analytics – Qualitative Data	24h	
BI Segmentation Applied (Presentation)	18h	Advanced Analytics – Quantitative Data	30h	
BI Organization	15h	Advanced Analytics Applied (Group Project)	42h	
Management & Communication Skills		Management & Communication Skills		
Writing and Presentation Skills	9h	Thesis Methodology	9h	
Français Langue Etrangère	30h	Français Langue Etrangère	45h	
Mastering Data in Excel	18h	Information Systems for Managers	18h	
Cultural diversity	9h	Strategic Management	18h	
		Marketing Fundamentals	18h	
Career Development and Counseling		Career Development & Counseling		
Job Marketing	6h	Job Marketing	9h	
Individual Counseling	3h	Individual Counseling	3h	
		Meetings with Practitioners	12h	

CAREER OPPORTUNITIES

- ON “BUSINESS” SIDE

 - Business Analyst
 - Data Manager
 - Information Manager
 - BI/BA Project Manager
 - BI/BA Team Manager
- ON “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 reach other expertise jobs such as Data Scientist, or management jobs such as Chief Data Officer.



PROGRAM SCHEDULE

- Start

October 2017
- Duration

16 to 18 months
- Internship

4 to 6 months



RANKING

Eduniversal

Prix de l’Innovation

TESTIMONIALS

Katharine Caddle :

“ It was wonderful to have been a student of the inaugural Business Intelligence specialisation class at ESC Clermont. The sessions provide excellent treatment of the main topics relevant to the BI world and function as a basis for bridging the gap between information technology and business practitioners. In-class exercises allowed me to connect the theory to real-life. The project assignment gave me the opportunity to build competence in using an actual BI tool. This is overall a great specialisation which will serve all participants well for the future.”

Paoline Menu :

“ Cette spécialisation est tout à fait complète dans la mesure où elle permet de balayer les principaux thèmes et le vocabulaire spécifique de la Business Intelligence. C’est une formidable introduction en matière et les connaissances acquises permettent de comprendre les enjeux de la matière, maîtriser les concepts clés et connaître les outils de base. Je la recommande vivement à tous les futurs managers qui seront à même de piloter avec une meilleure efficacité leur business.”

Tommaso Orsini :

“ I’m very happy and completely satisfied to have chosen the BI specialization. It has been a challenging experience. It has a good balance between theory and practice, and it is very close to business world’s reality, thanks to the teacher, who continuously uses his own experience to teach us. I really learnt a lot. I’d recommend it 100%.”