

Q&A NON ORACLE EMPLOYEES

eMBDS ADMISSION

- What are the admission criteria for the eMBDS master program?

INITIAL EDUCATION: If you have completed the 1st year of a Master in Computer Science (also possible with MIAAGE master in France), you can enroll for the eMBDS master program (2nd year of a Master degree in CS). The criteria for regular students are the same as for online students.

CONTINUOUS EDUCATION: If you have a bachelor degree with some years of experience, you could validate such practical know how with course equivalence validation (VAE/VES system in French universities); for example, Oracle certifications from eMBDS naturally lead to credit transfer of eMBDS courses selected in the MBDS program.

- If I meet the admission criteria, am I automatically admitted?

Yes. Enrolment at the university becomes automatic and tuition and fees* are included in the global master enrolment fees.

*Note: this amount is in the order of €400 in 2018 for students not coming from EC countries, however a new price could come into effect in French universities for master students (in the order of €3400) depending on decision making from the French government (expected February 2019).

- How does the admission process work?

You should apply through the Datum Academy website (www.datumacademy.com) and fill in the application form.

Your eligibility will be acknowledged and we'll send you a confirmation via email.

Your enrolment will be finalized once it has been approved and you have paid the fees.

You will then receive your personal education action plan together with a course schedule. You can then immediately start taking courses online, both from Oracle University and the University of Nice Sophia Antipolis and start earning credits.

- When can I apply?

At any time.

- How/where do I apply?

On Datum Academy's website (www.datumacademy.com)

- I'm not a French citizen. Can I still apply?

Yes.

- I don't have a formal education. Can I still qualify for the program?

Yes, provide your years of practical experience together with justifications in the application form. This will then be validated by the academic committee (VAE/VES system in French universities).

- Will the degree I receive from the eMBDS program be the same as the on campus

MBDS or will my degree say « Online »?

The eMBDS degree is exactly the same as the MBDS degree. eMBDS accounts for 60 ECTS (European Credit Transfer Systems), like any other master degree in Europe.

- I don't have the academic credentials for full admission now, but I would like to work towards it. What is your advice?

The enrolment committee will analyse your application and will make recommendations on courses to follow. They could advise you to get an intermediate level of academic credentials first.

ABOUT THE DEGREE PROGRAM

- When will the program start and how long will it run for?

The program will be available at the beginning of January 2019 and the eMBDS master degree can be obtained in one year.

- What is the academic calendar and schedule for the program?

The online courses are available 24/7/365, both from Oracle University and the University of Nice.

The **tutored** academic courses (2 hours per week of video chat with the professor) will run as follows starting in 2019 (and every consecutive year):

- January (and July): Courses from M.Buffa (Java Script and web programming) and S.Miranda (Big Data management) in French and English

- April: Courses from Nicolas Pasquier (Data Science), B.Renaut/A.Maisonobe (Hadoop and Blockchain), Greg Galli (Mobile Programming)

- June: Courses from AM. Lesas (NFC programming), Marco Gori- Univ of Sienna Italy (Deep Learning) , Y. Gal (Agile programming), *O.Boucelma (Cloud Programming)*, *M.Buffa (Java Script Client Side)* < The last two are elective >

- What courses are available?

University Courses :

Big Data Management, Java Script, Web Programming, Data Science, Hadoop & Blockchain, Mobile Programming, NFC Programming, Deep Learning, Agile Programming, Cloud Programming, Java Script Client Side

Oracle University Courses :

Big Data: Predictive Analytics using Oracle Data Mining, Oracle R Enterprise Essentials, Oracle NoSQL Database for Developers, Oracle Big Data Fundamentals

Database: Introduction to SQL, Install and Upgrade Workshop, Managing Multitenant Architecture, Backup and Recovery Workshop, Administration Workshop

Java: Object-Oriented Analysis and Design Using UML, Programming, Fundamentals, Performance Tuning, Developing Applications for the Java EE7 Platform

Mobile App Framework: Develop Mobile Front Ends Using Mobile Application Framework

- What are the foundation courses?

From the university courses: the courses from professors Michel Buffa, Nicolas Pasquier, Serge Miranda, Dr AM Lesas (and Pr Marco Gori from University of Sienna)

From the eMBDS Learning Subscription: Big Data management, Web Programming and Mobile Programming

- In which language will courses be taught?

All courses will be taught in English (with French subtitles). Pr Miranda's course will be delivered both in French and English.

- How many academic courses and how many Oracle courses must I attend?

7 courses from the University and 7 courses from Oracle University (Note: some courses could be transferred or already Oracle certified and waved)

- Where can people sign up for the courses?

On [Datum Academy's website](#).

- How many total hours are required?

The online program might be seen more difficult than the residential one as students should demonstrate learning autonomy. For a university course each weekly module (1 or 2 hours on line) requires 5 hours of student work which could lead to 10 hours student activity per week for 2 courses. This typically corresponds to an academic quarter which could also encompass 2 (or 3) Oracle courses.

- How many courses may I take at a time?

Every quarter you should ideally take an average of 2 (or 3) university master courses. Typically 2 Oracle University courses and 2 academic courses per quarter.

- How much time should I expect to spend on reading, course assignments, etc.?

A university course is typically divided in 6 (or 7) modules, each one given over a period of 1 week and 6 weeks in a row. Each module represents 5 hours of student work per week. An exam follows on the 8th week.

- What specializations will eventually be available as part of this program?

Specializations correspond to Big Data management and Application Development leading to jobs like Big Data Architect (or Data engineer), Web and Mobile Programmer.

In the near future, another specialization is expected around data science and AI (Deep Learning), complementary to Big Data management. This online Master degree on “**Big Data science and management**” is expected to be online in 2020 in joint partnership with Sienna University (Italy).

- What type of instructor contact will I have? Email, phone, chat?

Every MOOC module is tutored both in P2P mode in the social network of students (within FUN MOOC platform) and with a weekly video chat of 2 hours with the professor in charge of the course. On the Oracle University platform, you can contact your instructor through the tool « Ask instructor » on your course page.

- Will I be required to purchase textbooks?

No.

- How does the online program compare to the residential program? How many hours per week will students spend online?

The online program might be seen more difficult than the residential one as students need to demonstrate autonomous learning skills. For a university course, each weekly module requires 5 hours of student work, which could lead to 15 hours of online activity per week for 3 courses. This typically corresponds to an academic quarter which could also encompass 2 or 3 Oracle courses.

- How long does it take to complete and receive the degree?

The online degree could be obtained in an academic year with 4 quarters, taking 3 courses per quarter.

- How will you handle grading? Will each student be evaluated individually or is there an automated process?

Since exams and certifications use Q&A, students will get an individual grade and a jury will validate the results in the same way as with the residential degree. Students who fail can have a second chance to pass the exam without paying any extra academic fees. As free retake for university courses is available, free potential

retake for certification - corresponding to university courses - is also available. There is one free attempt at each certification exam included in the eMBDS Learning Subscription, but no free retakes.

- Can I work full-time while being enrolled in the eMBDS program?

With 3 courses to be taken per quarter, students should spend 15 hours per week on the program (i.e. 3 hours per day during 5 days).

- Will there be a graduation ceremony? If so, am I required to attend?

No, there won't be a graduation ceremony.

COST & CREDITS

- How much does the degree program cost?

The complete eMBDS master program (including tuitions and fees and the Oracle University eMBDS Learning Subscription) costs € 6,000.

Individual academic courses cost € 1,100 each and JOB PACKAGE (learning paths) of 3 academic courses costs € 2,000.

- Am I eligible to receive financial aid for eMBDS?

Employees may be eligible to receive financial aid from their employer or unemployed people may be eligible to social support.

- What is the payment schedule for the program?

Minimum 50% at the time of enrolment, followed by € 1,000 every quarter.

- I'm enrolled in a master's program at another university. Can I transfer to eMBDS?

It is possible through the existing validation of course certifications (VAE/VES system in France). Students should demonstrate they have certification for similar graduate courses and a transfer committee will decide if their transfer can be granted.

- I'm enrolled in a UNS program. Can I transfer to eMBDS?

Yes you can, by using the existing VAE/VES system of UNS.

- I'm not interested in the degree program, credentials or credit, but I would like to take the courses for free. Is this possible?

Yes, but only for the academic eMBDS courses on the MOOC platform. Just certifications have to be paid for university courses on FUN.

- I am an existing Oracle customer, can I use my company's learning credit to pay the fees?

No. The eMBDS program is sold by Datum Academy only and not by Oracle, so a learning credit can not be used to pay the fees.

- **Must I attend an Oracle core course if I already attended it in my professional capacity?**

You could ask for a course transfer (needs justification) on your application form or submit your Oracle certificate if you have it.

- **Must I attend an Oracle core course if I am proficient/SME in that technology?**

Same as above.

- **I have completed some of the required courses and/or exams/Certifications already. Can I get exemptions?**

Yes. See above.

ABOUT THE PLATFORM

- **Why was the FUN MOOC platform chosen to host the academic content?**

FUN is the MOOC platform for French universities based upon EDX with more than 1.5 million students in 2018.

- **Are the platforms available at all times?**

Yes.

- **What kind of evidence do you have to support positive educational outcomes for the**

FUN MOOC delivery format?

The FUN MOOC platform gathered more than 1.5 million students in less than 3 years of its existence. They have very strong visibility in Africa, which is a prime B2C target market for Datum Academy. 4 American master degrees are running successfully on the 3 major American MOOC platforms (EDX, Coursera and Udacity).

- **How do FUN MOOCs and Oracle University's Learning Subscription differ from other platforms?**

eMBDS offers a mix of university and industry curriculum with academic concepts and methods enriched by industry tools from Oracle University to get complete professional expertise in this crucial data economy.

- **Will new content be added to either of these platforms during the lifetime of the course?**

Content may be added to the subscription such as newer versions of courses, addendum and multimedia resources like seminars, use cases, etc. Some curation will

be needed possibly each year for curriculum changes, exam retirements or course retirements.

- **Which devices are supported by the platforms?**

Any device enabling access to Oracle Cloud platform.

- **What are the minimum system requirements to access the platforms?**

You only need a computer and an internet connection.