POLYTECH NANTES

DOUBLE MASTER DEGREE

MULTIMEDIA AND DATA MANAGEMENT

MDM double master at a glance :

- A master degree of **Excellence** in **Research** and **Development**
- Master course leading to a **double master degree** from Polytech Nantes (University of Nantes), France and partner institutions.
- For students in the following scientific or technical fields: **computer science, information technology, applied mathematics, signal processing**.

More information about organization, fees and applications on the website:

www.polytech.univ-nantes.fr/mdm

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Objectives

Excellence in Research and development

- Limited to a small number of highly motivated overseas students
- High quality research environment: first experience
- Take the opportunity of research collaboration between Polytech Nantes and partner institution to achieve hight quality M.Sc. Thesis and international publications.

Master Degree Benefits

- Joint double degree for a worlwide recognition
- Being prepared to conduct solid research activities in the best conditions
- Major outcome should be a position in research and development in High Tech Companies or to join international top level PhD programs

Course Topics

Human Visual perception and applications in image and video processing

Multimedia communication

Pattern recognition and artificial Intelligence

Advanced Image and Video processing

Information indexing and retrieval

Large scale and complex data management

Databases and Advanced data management

+ Applied Developpement projects
Ambitious Research project

- Research carried out in **2 highly recognized UMR CNRS Laboratories** (IRCCYN-LINA)
- Already many students from China have carried out successful M.Sc. and Ph.D. with us
- **Key point: after the master degree ...** Opportunity to join the University of Nantes PhD program for less than 700 euros tuition fees per year (including Healthcare insurance)

6 key principles

1. **High quality supervision** and **peer teaching**: from "learning how to learn" to "learning how to produce new knowledge"
2. **Ambitious Research** and **development projects**: expecting international research publications
3. **Immersion** in international competitive research labs
4. **Links with companies and international research networks**: participation of international overseas professors and major R&D companies
5. **Modularity** and **quality**: adaptation and focus on student interest
6. **Culture experience**: French language course and French culture social events

MDM MASTER