

USEFUL SITES

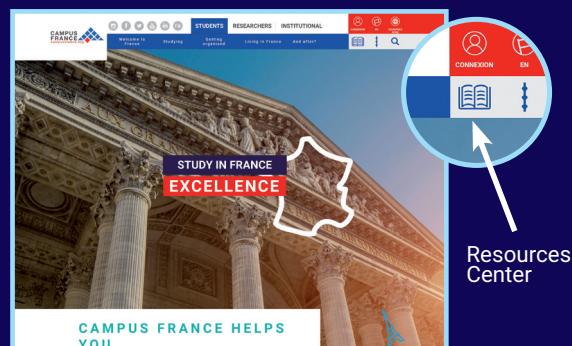
- MS programs: www.cge.asso.fr/formations-labellisees/liste-formation-ms
- Commission des Titres d'Ingénieur (CTI): www.cti-commission.fr
- Conférence des Grandes Écoles (CGE): www.cge.asso.fr
- Catalog of programs taught in English: www.campusfrance.org >Students>Studying >Programs>Programs Taught in English

GOOD TO KNOW



■ The **Mastère Spécialisé®** (MS) label conferred by the *Conférence des Grandes Écoles* should not be confused with the misleading designations "master spécialisé" or "mastère" without the essential qualifier "spécialisé". Programs whose diplomas bear such designations are not labelled by CGE and are backed solely by the awarding institution. Imitations do not carry the weight and authority of the *Mastère Spécialisé*, which signifies the completion of a Master's degree plus 1 year of post-master work. The cost of each MS program is freely set by the institution that offers it.

FIND ALL INFORMATION ON DEGREE IN FRANCE IN THE RESOURCES CENTER



www.campusfrance.org

- >Resources Center
- >Educational and Research programs
- >Degree description



January 2020

DEGREES

STUDY
IN
FRANCE

THE MASTÈRE SPÉCIALISÉ® PROGRAMS

Accredited and labeled by the *Conférence des Grandes Écoles*, postgraduate training **MASTÈRE SPÉCIALISÉ®** (MS, advanced master) was designed as a 1-year program to enable holders of a Master-level degree to acquire specialized or complementary knowledge and skills. Among the 229 member schools of the *Conférence des Grandes Écoles*, 106 offer more than 400 MS programs in a wide variety of fields. More than 125,000 students have earned the degree since it was created in 1986.



Successful completion of an MS program is recognized by the award of a diploma accredited by the *Conférence des Grandes Écoles* and bearing the legally protected label **Mastère Spécialisé**.

A complete MS program carries 75 credits under the European Credits Transfer System (ECTS).

Admission to MS programs is based on the following criteria:

- > Successful completion of 5 years of postsecondary study (5-year Master degree, engineering degree/*diplôme d'ingénieur*, 5-year management degree, or other 5-year professional degree), regardless of experience;
- > Successful completion of 4 years of postsecondary study, plus at least 3 years of professional experience demonstrating the knowledge and skills required for success in a post-master degree program.

The main goal of MS programs is to train upper-level corporate managers to help firms adapt to changing business conditions as project leaders, consultants, and operational and functional managers.

THREE GOOD REASONS TO EARN A MASTÈRE SPÉCIALISÉ® PROGRAM

- To acquire specialized knowledge in your field, or to gain skills that complement your existing speciality in a specific function or sector that corresponds to a business need.
- To obtain personal instruction to complement your work in a business or service organization.
- To benefit from a program that operates in close touch with the business world and is sensitive to changes in industry and the economy.

MORE THAN 30 YEARS OF INTERNATIONALLY RECOGNIZED EXCELLENCE

125,000 MS degrees have been granted since 1986, including 33,000 to international students.

- 56 750 by schools of engineering, 19,000 to international students
- 67,150 by schools of management, 13,900 to international students

MS programs are offered in partnership with institutions all around the world, including Europe (Germany, Belgium, Spain, Greece, Italy, Poland, Portugal, Serbia, Switzerland, United Kingdom); Asia (China, India, Malaysia, Philippines, Russia, Singapore, Vietnam); Africa (Algeria, Burkina Faso, Côte d'Ivoire, Morocco, Niger, Tunisia, Uganda); Middle East (Lebanon, Qatar, United Arab Emirates); North America (Canada, United States); Central and South America (Brazil, Guyana, Mexico); Australia.

French institutions also offer MS programs in Asia (China, India, Singapore), Africa (Algeria, Burkina Faso, Côte d'Ivoire, Morocco, Tunisia), Europe (Germany, Spain, United Kingdom) and North and South America (Brazil, Canada).



NOTE



MSc MASTER OF SCIENCE – ANOTHER LABEL FROM THE CONFÉRENCE DES GRANDES ÉCOLES

The **MASTÈRE SPÉCIALISÉ®** is not the only degree labeled by France's prestigious *Conférence des Grandes Écoles* (CGE). MSc Master of Science programs can also earn the CGE label.

An institution-specific degree created in 2002, the MSc was designed especially for international students wishing to advance their education at a French grande école.

The MSc label, a trademark of the CGE, is conferred upon programs that meet certain established quality requirements and are offered in CGE-member schools.

The MSc allows international students to obtain advanced professional training in a wide variety of domains. With at least half of the instruction (and in most cases all of it) occurring in English or another language other than French, the programs are designed for internationally oriented students holding a bachelor's degree or the equivalent (3–4 years of postsecondary study) or a qualifying one-year master's degree (M1). MSc programs offer 450 hours of instruction (lectures, labs, small groups) over at least three semesters. Students in most programs complete a research project and an internship of four months or more. MSc programs carry 90 ECTS credits.

KEY FIGURES

- > CGE accredits more than 140 MSc programs in France's *Grandes Écoles*, 122 of which are offered in schools of management.
- > About 36% of CGE-labeled MSc programs have a specific international orientation, commonly Europe or Asia.
- > CGE-labeled MSc programs enroll more than 5,300 students each year; some 15,500 students have earned degrees over the past decade.

SOME EXAMPLES OF CGE-LABELED MSC PROGRAMS

Biomedical engineering & design – Data management – Global entrepreneurship and innovation – Electrical and electronic systems engineering – European animal management (EURAMA) – Luxury & fashion management – Management by design – Sports industry management – Supply chain and purchasing management

KEY LINKS

List of MSc programs:
www.cge.asso.fr/formations-labellisees/liste-formation-msc/

THE LABEL MASTÈRE SPÉCIALISÉ® (MS)

FEATURES OF MASTÈRE SPÉCIALISÉ® (MS) PROGRAMS

- > Students receive at least 350 hours of instruction, including academic courses, labs and sections, and team assignments.
- > Students complete a personal project while interning with a company. Then they prepare and defend a professional thesis.
- > Assignments with firms last at least 4 months. Students who have already obtained practical experience in a firm in connection with their master-level degree may complete their MS project in a research center or laboratory.
- > All MS programs require at least 2 semesters of work over a period of no more than 2 years.

The professional thesis is both an excellent means of acquiring knowledge and an opportunity to prepare for a career by carrying out a project related to an actual business problem.

At the end of their program, students defend a thesis before a jury. For MS programs created abroad, the jury must include at least one professor from the CGE member school or institution participating in the program.



MAJOR SECTORS FOR MORE THAN 400 MASTÈRE SPÉCIALISÉ® (MS) PROGRAMS

- **Aeronautics and space**
- **Automobile** (motorsports, evolution) - **Aircraft** (air traffic control) - **Helicopters** - **Drones**
- **Agriculture** - **Food industry** - **Enology** - **Wines** - **Livestock** - **Forestry**
- **Architecture** - **Land-use planning** - **Regional development** - **Urban planning** - **Smart Construction**
- **Military** - **Defense** (cyber defense) - **Security** (web and cyber security)
- **Arts** - **Design** - **Culture** - **Cultural heritage** - **Fashion** - **Luxury goods** - **Media** - **Multimedia**
- **Biology** - **Bioindustry** - **Biotechnologies**
- **Business** - **Marketing** (industrial, digital multichannel, international, B2B) - **Sales** - **Distribution** - **Logistics chain** - **Markets** (commercial, financial, international) - **Business negotiation**
- **Development** (international, commercial, business, sustainable, regional)
- **Management** (airport, commercial, business, human resources, teams, career, crisis, water resources, energy, brand, heritage, production, project, waste, data, risk, financial, hotel, port) - **Quality** - **Actuarial methods** - **Administration**
- **Economics** - **Circular economy** - **Green economy** - **Economic intelligence** - **Humanitarian** - **Public policy** - **Forecasting**
- **Law** (business, tax, international) - **Policy** - **Legal expertise** - **Governance** - **Regulation** (cosmetics) - **Administration and public policy**
- **Electricity** - **Electronics** - **Mechatronics** - **Automation** - **Robotics** - **Mechanics** - **Satellites** - **Information and communication technologies** (operators) - **Pyrotechnics**
- **Energy** (efficiency, transition, renewable, marine, nuclear, gas, oil, wind)
- **Business** - **Entrepreneurship** - **Intrapreneurship** - **Business creation and value** - **Startup** - **Business takeovers and buyouts** - **Strategy** (sales, brand, international)
- **Environment** (protection, sustainable, transition, pollution and waste treatment) - **Ecology** - **Sustainable environment** - **Eco-design** (textile, wood)
- **Finance** (market, enterprise, international) - **Banking** - **Electronic** - **Insurance** - **Audit** - **Advising** - **Real estate** - **Fintech**
- **Civil engineering** (building, construction, sustainable construction, wood structures, public works, maritime, ports) - **Process engineering** - **Building information modeling** - **Energy engineering** - **Industrial engineering** - **Urban engineering** - **Hydrological engineering** (sanitation)
- **Information** - **Communication** - **Broadcasting** - **Publishing** - **Journalism**
- **Information systems** - **Digital technology** - **Digital transition** - **Data processing** - **Big data** - **Data analysis** - **Statistics** - **Networks** - **Internet** - **Computer-aided decision making** - **Data protection and security** - **Systems** (information, embedded) - **Connected objects** - **Image processing** - **Modeling** (cloud computing,



- building information modeling, enterprise resource planning, SIG)
- **Industry** (food, automobile, mining, maintenance, shipbuilding, health, pharmaceutical, transition security, performance, materials, manufacturing processes) - **Production chain** - **Raw materials manufacturing** - **Industrial technologies** - **Industrial design**
- **Management** (international, lean, real estate, risk, services, more) - **Change management**, **continuous improvement** - **Coaching** - **Organization**
- **Mathematics** (applied, financial)
- **Health** - **Integrated health and social** - **Epidemiology** - **Public health** - **Health facilities** - **Social** - **Health risk** - **Prevention** - **Biomedical technology** - **Military medicine**
- **Research and development** - **Innovation** - **Artificial intelligence**
- **Individual and community services**
- **Tourism** - **Hotel management** - **Culinary arts** - **Restaurant management** - **Luxury goods and lifestyle**
- **Transportation and logistics** (air, rail, international, goods, maritime, people, urban)

SCHOOLS & INSTITUTIONS OFFERING MASTÈRE SPÉCIALISÉ® (MS) PROGRAMS

PUBLIC AND PRIVATE INSTITUTIONS OFFERING EDUCATION IN ENGINEERING

All French engineering schools belonging to the *Conférence des Grandes Écoles* and authorized by the CTI (the French national commission on engineering degrees) to confer the *diplôme d'ingénieur*.

SCHOOLS OF BUSINESS AND MANAGEMENT

French schools of business and management belonging to the *Conférence des Grandes Écoles* and authorized by the CEFDEG (the French national commission for the evaluation of programs and degrees in management) to award a master-level diploma bearing the seal of the ministry of higher education.

Other schools authorized by the French government to confer degrees equivalent to the Master.

www.cge.asso.fr >membres

Schools of other specialties
Design, architecture, Politics Science, National Defence

“MASTÈRE SPÉCIALISÉ” PROGRAMS

LABELLED BY THE CGE

VARY FROM ONE YEAR TO THE OTHER.

CHECK WITH THE INSTITUTION THAT OFFERS THEM.

A large number of programs are taught in English.

Find out about them on the Programs Taught in English search engine

<http://taughtie.campusfrance.org>