



Master in Management Science

Programme mnemonic

MA-GEST

> Focus *Professional*: M-GESTM

Studies level

Master 120 credits

Learning language

english

Schedule

office hours

Studies category / subcategory

Economics and business management / Business management

Campus

Solbosch

that the training they provide is both relevant for business and policy practice and corresponds to the state of art.

- > A tradition of rigorous and demanding curricula based on solid multidisciplinary and analytical training, promoting critical thinking and problem-solving skills.
- > A diversity of teaching methods that are constantly revised to ensure teaching effectiveness.
- > A diverse and international student body (up to 80% in some Master programmes).
- > A comprehensive educational offering covering economics and business from the bachelor to in-company training.
- > Accreditation from EQUIS (European Foundation for Management Development) and AMBA (Association of Masters of Business Administration). AACSB (Association to Advance Collegiate Schools of Business) accreditation is underway.

Career services

SBS-EM offers its students a number of resources for career development:

- > Credited work placements [<http://www.solvay.edu/credited-internship-programme>] (full-time, 3-month minimum – 6-month maximum) allow participating students to gain work experience, apply their academic training, and develop their professional network before graduation.
- > Career services [<http://www.solvay.edu/career-services>] provide practical guidance and preparation for the job market (workshops, writing a CV and a cover letter, simulated interviews, LinkedIn profile management, etc.) and organise events (lectures and seminars) with prominent business figures, presenting companies and their employment opportunities. Over the years, the SBS-EM has developed a wide network of recruiters and alumni and has established contacts with companies throughout Belgium and around the world.
- > From their graduation onwards, students benefit from a strong and active alumni network [<http://www.solvay.edu/alumni>] with 23,000 members in 100 countries.

Study-abroad programmes

The Master in Management Science offers several opportunities to study abroad:

- > The international exchange programme [<http://www.solvay.edu/outgoing-students>], with more than 130 partner universities in 40 countries
- > The Master with the QTEM network [<http://www.solvay.edu/master-qtem>]

Programme objectives

The Master in Management Science is a demanding programme that aims to train students in all core disciplines and areas relevant to business management. Its key distinguishing features are the size of its first year common core (advanced mandatory courses)—which provides students with a solid base of knowledge and skills—, its strong emphasis on analytical skills, and its multi-disciplinary nature (law, economics, management, communication, and languages)—which provides students with a breadth of tools and approaches to evolve in an increasingly complex and dynamic world. A wide selection of electives in the second year allows students to pursue their intellectual interests in all disciplines of management or apply their skills in a supervised consulting project with partner companies.

Programme's added value

What the Solvay Brussels School has to offer:

- > A location at the heart of Europe, within a comprehensive research university: the Université libre de Bruxelles.
- > An international faculty with a staff of high-level researchers and accomplished practitioners, who work together to ensure



Teaching methods

SBS-EM programmes emphasise the acquisition of both analytical and problem-solving skills. They combine conceptual courses—where students learn techniques and their theoretical underpinnings—with practical workshops and individual and team-based projects—where students can test their understanding of the theory and develop their ability to apply it creatively to real problems. Critical, creative, and independent thinking is required.

SBS-EM leverages its wide-ranging international exchange programmes to offer students training opportunities abroad during their studies. This Master also gives students the possibility to include a credited work placement in their curriculum.

Succeed in your studies

Choose

The information and guidance counsellors at the InfOR-études [<https://www.ulb.be/en/studies-info-desk-1>] service will help you choose your studies throughout the year.

Succeed

Take part in preparatory courses [<https://www.ulb.be/en/studies-info-desk-1>] or get help to succeed [<https://www.ulb.be/en/studies-info-desk-1>], before or during your studies.

Get help

Apply for financial aid, look for accommodation or a student job, get support [<https://www.ulb.be/fr/aides-services-et-accompagnement/aid-services-and-support-1>] for your specific needs.

International/Openness

SBS-EM prepares its graduates for careers in multicultural and international environments. The curriculum includes language courses, which enable students to work in multilingual environments. Most courses cover the international dimensions of policy and management decision-making. Lastly, students can avail themselves of a rich offering of study-abroad programmes. These international experiences offer them an opportunity to enrich their curriculum and broaden their horizons, and are an essential element of professional life in a globalised world.

International Exchange Programme

Students may spend one semester abroad in one of our 130 partner universities. For more information, visit www.solvay.edu/outgoing-students [<http://www.solvay.edu/outgoing-students>].

The QTEM networked master

Qualified students in the Master in Management Science can enrol in the Quantitative Techniques for Economics and Management (QTEM) Master programme. The QTEM master gives participants enhanced training in quantitative and analytical skills and two international experiences (two exchange periods or one exchange period and one long-term work placement). The QTEM network currently includes 23 partners. For more information, visit www.qtem.org.

Job opportunities

The comprehensive and multivalent nature of this programme gives our graduates access to a wide range of careers, from consulting and audit to executive positions, including:

- > Executive positions in any type of organisation (public, private, or NGOs) and sectors
- > Management, strategy, and IT consulting
- > Auditing or management control
- > Entrepreneurship
- > Commercial management

Notable alumni include:

- > Bernard de Launoit, Executive President, Chapelle Musicale Reine Elisabeth
- > Olivier Legrain, Chief Executive Officer, IBA (Biotechnology)
- > Natalia Vazilenko, Strategy and Operations Lead, Google Search and Assistant
- > Daniel Weekers, Chief Executive Officer, Be TV
- > Olivier Willocx, Chief Executive Officer, Chambre de Commerce et Union des Entreprises de Bruxelles (BECI)

Contacts

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 <http://www.solvay.edu/bachelors-masters>

Jury President

Evelyne VANPOUCKE

Jury Secretary

Judith BEHRENS



Master in Management Science

Focus Professional

Please find follow this link for more information on opportunities here below other possible options within this programme (international exchange programme, QTEM, credited internship).

http://www.solvay.edu/sites/upload/cck-documents/variantes_2017-2018_en-5414.pdf

Bloc 1 | M-GESTM | MA-GEST

Core courses

- DROI-S400 **Law for managers** | Paul HERMANT (Coordinator)
 5 credits [lecture: 24h] second term English
- ECON-S462 **Managerial Economics** | Glenn MAGERMAN (Coordinator) and Ruben Savelkoul
 5 credits [lecture: 24h, tutorial classes: 12h] second term English
- GEST-S4001 **Research Methods in Management** | Alba Jasini (Coordinator) and Pinar CELIK
 5 credits [lecture: 24h, tutorial classes: 12h] first term English
- GEST-S409 **Advanced accounting** | Pierre-Hugues BONNEFOY CUDRAZ (Coordinator) and Jean-Paul LOOZEN
 5 credits [lecture: 36h, tutorial classes: 24h] first term English
- GEST-S410 **Advanced corporate finance** | Kim OOSTERLINCK (Coordinator) and Benjamin LORENT
 5 credits [lecture: 24h, tutorial classes: 12h] first term English
- GEST-S448 **Organizational behaviour and leadership** | Claudia TOMA (Coordinator) and Julie Terache
 5 credits [lecture: 24h, tutorial classes: 24h] first term English
- GEST-S468 **Strategy and strategic analysis** | Manuel HENSMANS (Coordinator)
 5 credits [lecture: 36h] first term English
- GEST-S489 **Advanced Marketing** | Sandra ROTHENBERGER (Coordinator) and Nadia Steils
 5 credits [lecture: 36h] first term English
- STAT-S406 **Data management and business analytics** | Martine GEORGE (Coordinator)
 5 credits [lecture: 36h, tutorial classes: 24h] second term English

An alternative chosen from the three following

Specialization - Module cross-border entrepreneurship and innovation

2 mandatory courses

Two courses chosen from the following

- GEST-S421 **Entrepreneurial ecosystems** | Judith BEHRENS (Coordinator)
 (optional) 5 credits [lecture: 24h, tutorial classes: 24h] second term English
- GEST-S449 **Social innovation** | Marek HUDON (Coordinator)
 (optional) 5 credits [lecture: 24h] second term English

1 elective courses

One course chosen from the following

- GEST-S424 (optional) **Entrepreneurial finance** | Olivier WITMEUR (Coordinator) and Nathalie DE CEULAER
 ⌚ 5 credits [lecture: 36h, tutorial classes: 12h] 📅 second term 🗨 English
- GEST-S484 (optional) **Innovation strategy** | Manuel HENSMANS (Coordinator)
 ⌚ 5 credits [lecture: 36h] 📅 second term 🗨 English
- GEST-S565 (optional) **Business Planning** | Judith BEHRENS (Coordinator)
 ⌚ 5 credits [lecture: 12h, seminars: 12h] 📅 second term 🗨 English

or

Specialization - Module Managing global businesses

2 mandatory courses

Two courses chosen from the following

- GEST-S441 (optional) **Global marketing** | Virginie BRUNEAU (Coordinator)
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English
- GEST-S472 (optional) **International supply chains** | Evelyne VANPOUCKE (Coordinator)
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English

1 elective course

One course chosen from the following

- GEST-S440 (optional) **Applied marketing analytics** | Sandra ROTHENBERGER (Coordinator) and Philippe MAUCHARD
 ⌚ 5 credits [lecture: 48h] 📅 second term 🗨 English
- GEST-S471 (optional) **Management and sustainable development : constraints and opportunities** | Eric MONAMI (Coordinator)
 ⌚ 5 credits [lecture: 36h, seminars: 36h] 📅 second term 🗨 English
- GEST-S483 (optional) **Digital and IT Governance** | Georges ATAYA (Coordinator)
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English
- GEST-S491 (optional) **Omnichannel & customer relationship strategies** | Virginie BRUNEAU (Coordinator)
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English
- GEST-S494 (optional) **Managing errors in organisations (Chaire InBev Baillet Latour)** | Paul VERDIN (Coordinator)
 ⌚ 5 credits [lecture: 48h] 📅 second term 🗨 English
- GEST-S508 (optional) **Integrated communication - Communication intégrée : concepts et travaux pratiques** | Philippe BILTIAU (Coordinator) and HUGUES REY
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English
- GEST-S567 (optional) **Regulation and Antitrust economics for businesses** | Luis CORREIA DA SILVA (Coordinator)
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English

or

Specialization - Module Managing people and organizations

2 mandatory courses

Two courses chosen from the following



GEST-S517 (optional) **Managing diversity and multiculturality** | Claudia TOMA (Coordinator) and Joelle Jablan
🕒 5 credits [lecture: 24h] 📅 second term 🗨 English

GEST-S547 (optional) **International HR** | Daniel MISEUR (Coordinator)
🕒 5 credits [lecture: 24h] 📅 second term 🗨 English

1 elective course

One course chosen from the following

GEST-S476 (optional) **Managing organizational innovation and change** | Jean MATTIJS (Coordinator)
🕒 5 credits [lecture: 24h] 📅 second term 🗨 English

GEST-S507 (optional) **Stakeholder management and governance** | Vincent MABILLARD (Coordinator)
🕒 5 credits [lecture: 24h] 📅 second term 🗨 English



Master in Management Science

Focus Professional

Bloc 2 | M-GESTM | MA-GEST

Cours obligatoires

MEMO-S505 **Master-Thesis/Mémoire** | Olivier WITMEUR (Coordinator)
 ⌚ 20 credits [mfe/tfe: 360h] 📅 first and second terms 🗨 English/French

Internship or Exchange programme

Chose one among the following possibilities

Contacts :

HULB-0000 : Coordinatrice : Tamara Schuller

STAG-S500 : Coordinatrice : Pascaline Flon

One course chosen from the following

HULB-0000 (optional) **Cours externe à l'Université**
 ⌚ 25 credits 📅 academic year

STAG-S500 (optional) **Credited internship with a critical mindset** | Jean-Nicolas Lambert (Coordinator), Xavier CLABOTS, Brigitte Marchand and Claudio Truzzi
 ⌚ 25 credits [work placement: 600h] 📅 first term 🗨 English/French

Leadership skills

Core leadership skill

One course chosen from the following

GEST-S551 (optional) **Project management** | FREDERIC HOFFMANN (Coordinator)
 ⌚ 5 credits [seminars: 24h] 📅 first term 🗨 English

GEST-S564 (optional) **Project management** | FREDERIC HOFFMANN (Coordinator)
 ⌚ 5 credits [seminars: 24h] 📅 second term 🗨 English

1 elective leadership skill

Attention : les cours de Français langue étrangère (LANG-B906/B907/B908/B909) sont accessible uniquement sur dossier et suite à la réalisation d'un test.

One course chosen from the following

BIME-S5506 (optional) **Healthcare Innovation skills** | Hilde STEVENS (Coordinator)
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English

This course is only accessible in combination with « BIME-G5505 Interfaculty and interdisciplinary program in Healthcare Innovation » - the skill can not be taken alone.

GEST-S4002 <small>(optional)</small>	Business Communication Pinar CELIK (Coordinator) ⌚ 5 credits [lecture: 12h, tutorial classes: 12h] 📅 second term 🗨 English 60 étudiants maximum pour ce cours
GEST-S495 <small>(optional)</small>	Coaching skills Timothy DENCH (Coordinator) and Koen Claeys ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English Maximum 60 inscrits pour ce cours.
GEST-S498 <small>(optional)</small>	Negotiation Skills Claudia TOMA (Coordinator) and Avi Goldstein ⌚ 5 credits [lecture: 24h, seminars: 12h] 📅 first term 🗨 English 50 étudiants maximum pour ce cours.
GEST-S579 <small>(optional)</small>	Strategic Management Control for Sustainability and Innovation Philip VERGAUWEN (Coordinator) ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English
GEST-S900 <small>(optional)</small>	Strategic Management Control for Sustainability and Innovation Philip VERGAUWEN (Coordinator) ⌚ 5 credits [lecture: 24h] 📅 first term 🗨 English
LANG-B9061 <small>(optional)</small>	Français langue étrangère - Niveau moyen 1 Nathalie DELCHAMBRE (Coordinator), Sabina GOLA, Eric Galiano and Nouël PARANTHOEN ⌚ 5 credits [lecture: 60h] 📅 first term 🗨 French
LANG-B9062 <small>(optional)</small>	Français langue étrangère - Niveau moyen 1 Nathalie DELCHAMBRE (Coordinator), Sabina GOLA, Eric Galiano and Nouël PARANTHOEN ⌚ 5 credits [lecture: 60h] 📅 second term 🗨 French
LANG-B9071 <small>(optional)</small>	Français langue étrangère - Niveau moyen 2 MURIELLE UYTERELST (Coordinator), Esther Falla, Sabina GOLA, Eric Galiano and Lidia Irène Morales Benito ⌚ 5 credits [lecture: 60h] 📅 first term 🗨 French
LANG-B9072 <small>(optional)</small>	Français langue étrangère - Niveau moyen 2 MURIELLE UYTERELST (Coordinator) and Sabina GOLA ⌚ 5 credits [lecture: 60h] 📅 second term 🗨 French
LANG-B9081 <small>(optional)</small>	Français langue étrangère Niveau avancé 1 Nathalie DELCHAMBRE (Coordinator) and Sabina GOLA ⌚ 5 credits [lecture: 60h] 📅 first term 🗨 French
LANG-B9082 <small>(optional)</small>	Français langue étrangère Niveau avancé 1 Nathalie DELCHAMBRE (Coordinator) and Sabina GOLA ⌚ 5 credits [lecture: 60h] 📅 second term 🗨 French
LANG-B9091 <small>(optional)</small>	Français langue étrangère Niveau avancé 2 MURIELLE UYTERELST (Coordinator), Esther Falla, Sabina GOLA, Eric Galiano and Lidia Irène Morales Benito ⌚ 5 credits [lecture: 60h] 📅 first term 🗨 French
LANG-B9092 <small>(optional)</small>	Français langue étrangère Niveau avancé 2 MURIELLE UYTERELST (Coordinator) and Sabina GOLA ⌚ 5 credits [lecture: 60h] 📅 second term 🗨 French
LANG-S004 <small>(optional)</small>	Allemand IV Dorothea GASSENMEYER (Coordinator) ⌚ 5 credits [lecture: 24h] 📅 academic year 🗨 German
LANG-S407 <small>(optional)</small>	Néerlandais IV Christelle JUSSIANT (Coordinator), Evie TOPS and Sofie VAN GEIJN ⌚ 5 credits [language practice: 24h] 📅 first and second terms 🗨 Dutch
ORIE-B206 <small>(optional)</small>	Arabe dialectal Xavier LUFFIN (Coordinator) and Manhal MAKHOUL ⌚ 5 credits [language practice: 24h] 📅 second term 🗨 Arabic

An alternative chosen from the two following

Practical experience

For those who are doing an exchange program: select a field project (allocation based on a selection process)

Select a field project

(Allocation based on a selection process)

One course chosen from the following

- BIME-G5505 (optional) **Interfaculty and interdisciplinary program in Healthcare Innovation** | Hilde STEVENS (Coordinator)
 ⌚ 5 credits [lecture: 40h, tutorial classes: 20h] 📅 second term 🗨 English
- GEST-S530 (optional) **Field project: IT governance** | Georges ATAYA (Coordinator)
 ⌚ 5 credits [seminars: 12h] 📅 academic year 🗨 English/French
- GEST-S546 (optional) **Field project : HRM**
 ⌚ 5 credits [seminars: 12h] 📅 second term 🗨 French
- GEST-S550 (optional) **Field project** | Jean MATTIJS (Coordinator), Georges ATAYA, Jorn Mannaerts, Jean-Jacques VIALA, MICHEL VLASSELAER and Olivier WITMEUR
 ⌚ 5 credits [seminars: 12h] 📅 first and second terms 🗨 English
- GEST-S552 (optional) **Field project : Public management** | Jean MATTIJS (Coordinator) and Jean-Jacques VIALA
 ⌚ 5 credits [seminars: 12h] 📅 academic year 🗨 English
- GEST-S553 (optional) **Field project : NGO and sustainable development** | Christine DROOGMANS (Coordinator)
 ⌚ 5 credits [seminars: 12h] 📅 academic year 🗨 English
- GEST-S554 (optional) **Field project : International strategy** | MICHEL VLASSELAER (Coordinator)
 ⌚ 5 credits [seminars: 12h] 📅 first and second terms 🗨 English
- GEST-S555 (optional) **Field project : management, strategy and entrepreneurship** | Jean-Nicolas Lambert (Coordinator)
 ⌚ 5 credits [seminars: 12h] 📅 academic year 🗨 English
- GEST-S556 (optional) **Field project : start up /scale up businesses** | Olivier WITMEUR (Coordinator)
 ⌚ 5 credits [seminars: 12h] 📅 academic year 🗨 English

or

Optional Courses

For those doing an internship or an exchange : select a course (5 ECTS) within the elective of all specialization track (Q2) (see below), a field project (Q1 and Q2 if there is a free spot) or another course among the university (necessity of the agreement of the director)

Elective course from Bloc 1

One course chosen from the following

- GEST-S424 (optional) **Entrepreneurial finance** | Olivier WITMEUR (Coordinator) and Nathalie DE CEULAER
 ⌚ 5 credits [lecture: 36h, tutorial classes: 12h] 📅 second term 🗨 English
- GEST-S440 (optional) **Applied marketing analytics** | Sandra ROTHENBERGER (Coordinator) and Philippe MAUCHARD
 ⌚ 5 credits [lecture: 48h] 📅 second term 🗨 English
- GEST-S471 (optional) **Management and sustainable development : constraints and opportunities** | Eric MONAMI (Coordinator)
 ⌚ 5 credits [lecture: 36h, seminars: 36h] 📅 second term 🗨 English
- GEST-S476 (optional) **Managing organizational innovation and change** | Jean MATTIJS (Coordinator)
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English
- GEST-S483 (optional) **Digital and IT Governance** | Georges ATAYA (Coordinator)
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English
- GEST-S484 (optional) **Innovation strategy** | Manuel HENSMANS (Coordinator)
 ⌚ 5 credits [lecture: 36h] 📅 second term 🗨 English
- GEST-S491 (optional) **Omnichannel & customer relationship strategies** | Virginie BRUNEAU (Coordinator)
 ⌚ 5 credits [lecture: 24h] 📅 second term 🗨 English



GEST-S494 (optional) **Managing errors in organisations (Chaire InBev Baillet Latour)** | Paul VERDIN (Coordinator)
🕒 5 credits [lecture: 48h] 📅 second term 🗨 English

GEST-S507 (optional) **Stakeholder management and governance** | Vincent MABILLARD (Coordinator)
🕒 5 credits [lecture: 24h] 📅 second term 🗨 English

GEST-S508 (optional) **Integrated communication - Communication intégrée : concepts et travaux pratiques** | Philippe BILTIAU (Coordinator) and HUGUES REY
🕒 5 credits [lecture: 24h] 📅 second term 🗨 English

GEST-S565 (optional) **Business Planning** | Judith BEHRENS (Coordinator)
🕒 5 credits [lecture: 12h, seminars: 12h] 📅 second term 🗨 English

GEST-S567 (optional) **Regulation and Antitrust economics for businesses** | Luis CORREIA DA SILVA (Coordinator)
🕒 5 credits [lecture: 24h] 📅 second term 🗨 English

TEMP-0000 (optional) **Cours extérieurs au programme**
🕒 5 credits 📅 academic year 🗨 French

QTEM student specific course

GEST-S510 - Global Business analytics Challenge - 8 crédits - M. Michele Cincera et M. Antonio Pacifico