# Master of Science in Statistics

**Welcome session**
**Wednesday September 21 2022**

# UNIGE grading scale and information on exams

❖ UNIGE grading scale is based on 6.00 (0.00 to 6.00 with ¼ of point, for example: 3.50, 4.00, 4.25 etc);

❖ **4.00** is the minimum grade to obtain (ECTS) credits;

❖ If you obtain the minimum grade of 4.00, you can not retake the exam to improve your grade;

❖ For grades between 3.00 and 3.75 (including the extrema), you have the possibility to **validate up to 9 (ECTS) credits maximum** (10% of the degree);

❖ There are three exam sessions: January/February, May/June and August/September.

# Co-requisite courses

❖ Some students have to complete and succeed in some complementary courses (so-called *co-requisite*) in addition to the courses in the master curriculum;

❖ **To pass each co-requisite course, you need to obtain at least the minimum grade 4.00 by August/September of your 1st year;**

❖ You should register to the co-requisite courses directly on student intranet - link found on page https://www.unige.ch/gsem/en/students/forms/ Remark - you cannot register to these courses on your student portal.

❖ The co-requisite courses provide lawful credits.

❖ Remark: to complete the Master, you need to achieve 12 (ECTS) credits by the end of the 1st semester and 30 (ECTS) credits by the end of your 1st year.
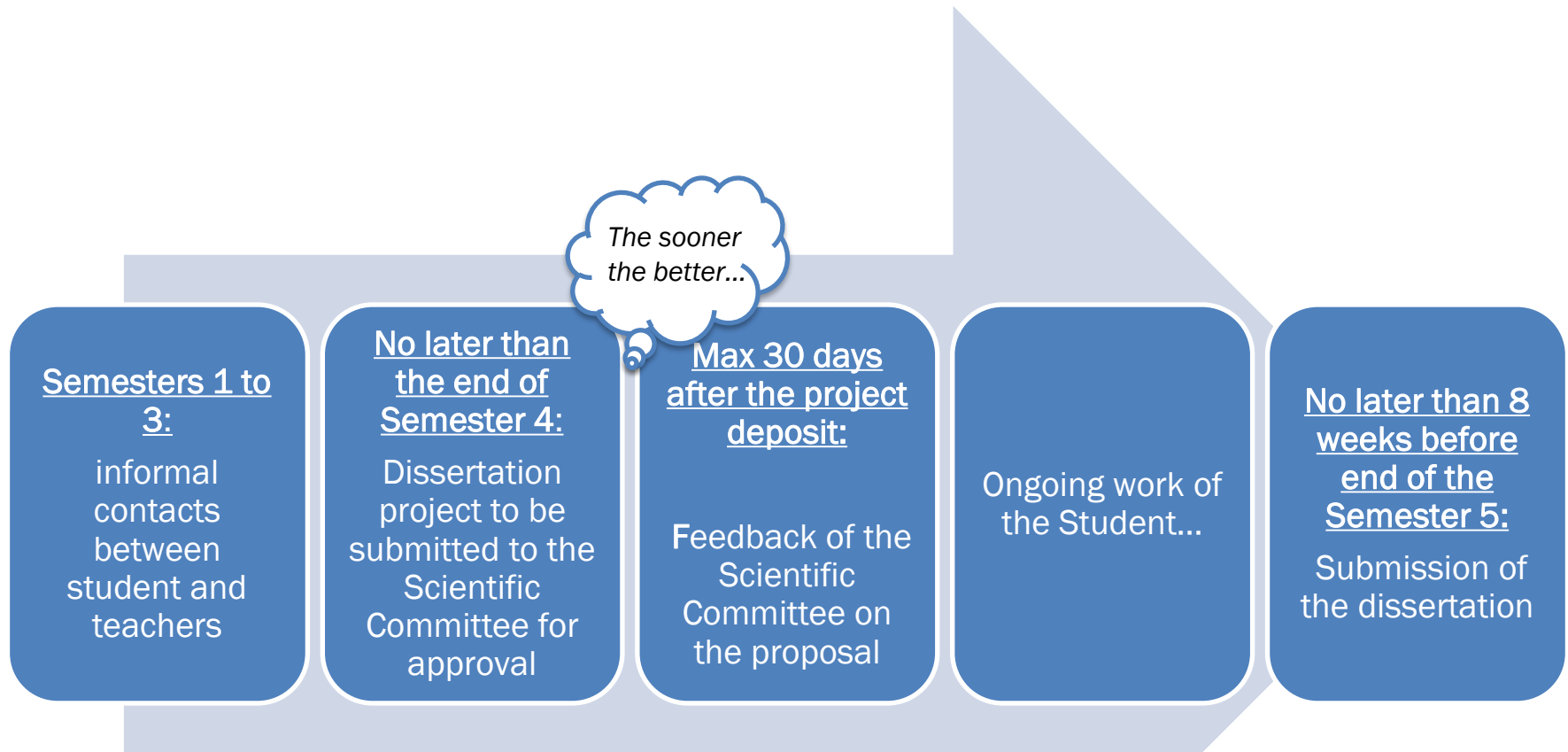
# RULES  - Conditions for success

❖ By the end of your first semester of study: you need a minimum of 12 (ECTS) credits in order to continue the Master cursus and avoid to be sidelined from the Master program (*art 19 al.1a* of the Regulation of GSEM);

❖ By the end of your first year of study: you need a minimum of 30 (ECTS) credits  (*art. 19 al.1b* of the Regulation of GSEM);

❖ As soon as you can, you need to define a **master thesis project** through informal contacts with the master program's teachers

❖ **No later tha**n **the end of the fourth semester (end of retake exam session in August/September)** *:* The project must be approved by the master thesis director(s) and, if necessary, the internship supervisor. The project is then submitted to the Master in Statistics Scientific Committee for approval (by email to the program director, with the master thesis director copied in).

❖ The fifth semester of study is the latest deadline to obtain the 90 (ECTS) credits required (see *art 8 al. 2* of the Regulation of GSEM).

For additional info look at:

https://www.unige.ch/gsem/en/students/regulations/bachelor-master/masters/

# Master thesis – timeline overview

**Semesters 1 to 3:**

informal contacts between student and teachers

**No later than the end of Semester 4:**

Dissertation project to be submitted to the Scientific Committee for approval

*The sooner the better…*

**Max 30 days after the project deposit:**

Feedback of the Scientific Committee on the proposal

Ongoing work of the Student…

**No later than 8 weeks before end of the Semester 5:**

Submission of the dissertation

Reference documents :
➢ Regulation of Master programs (art. 17)
➢ Study plan 22-23
➢ Application directives
➢ Master thesis Guidelines

# RULES - Examination attempts

❖ **Mandatory courses: 2 attempts maximum**
   1 registration = 2 attempts

❖ **Elective courses : 4 attempts maximum**
   2 registrations = 4 attempts

# ONLINE REGISTRATION TO REGULAR COURSES/EXAMS

- **E-mail @ UNIGE:**
You received an UNIGE email address
…@etu.unige.ch with your personal login and password.
Access by http://portail.unige.ch

You have to use the "*Inscriptions en ligne"* (IEL) which is an official website built to simplify courses and exams registration;

- **Computer facilities and online resources:**
The UniMail building provides you with several computer rooms and has WIFI, enabling online access to e.g. library ebooks and reviews, Moodle.

For any problem, please contact the HELP DESK: 022 379 70 00

# Fall 2022 timetable

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|
| **8h - 10h** | S411014SE Linear Models for Dependent Data *Assistant* M S030 | S403106SE Econometrics I *Assistant* M2130 I · S201008SE Statistical Modelling *Dr Pittavino* M S130 (6 ECTS) | S403107SE The Statistical Analysis of Time Series *Assistant* M5290 Salle info / M5220 | S210016SE Statistics *Assistant* MR290 | S203039CR Numerical Methods *Dr Roko* M 2193 (6ECTS) · S210016SE Statistics *Assistant* M1170 · S403116SE Data Driven impact evaluation *Assistant* M2160 |
| **10h - 12h** | S403106CR Econometrics I *Pr Krishnakumar* MS040 (6ECTS) | S403109CR Advanced Statistical Inference *Pr La Vecchia* (6ECTS) M5050 · S110001SE Mathematics I *Assistant* MS160 | S203031CR Probability & Statistical Learning *Pr Cantoni* M 2130 · S413056CR Financial Econometrics *Pr Scsillet* M R170 (6ECTS) | S413055SCR Models and empirical methods for Asset Pricing *Pr Trojani* M5220 (6 ECTS) | S110001CR Mathematics *Prof Mueller* U300 (6ECTS) |
| **12h - 14h** | S413054SE Stochastic Processes in Finance *Assistant* M3220 · S403116CR Data Driven impact evaluation *Pr Sperlich* M 1170 (6ECTS) | S413056CR Financial Econometrics *Pr Scaillet* SCIII 0019 (6ECTS) | S413055CR Models and empirical methods for Asset Pricing *Pr Trojani* M3220 (6ECTS) | S203031SE Probability & Statistical Learning *Assistant* M S030 (6ECTS) · S411002CS Research Seminar in Statistics | |
| **14h - 16h** | | S210016CR Statistics *Pr Chavez* MR080 (6ECTS) · S411014CR Linear Models for Dependent Data *Pr Victoria-Feser* M R040 (6ECTS) | S403109SE Advanced Statistical Inference *Assistant* M5393 | S403107CR The Statistical Analysis of Time Series *Pr La Vecchia* M3220 (6ECTS) | S413054SE Stochastic Processes in Finance *Assistant* M1193 · S110001SE Mathematics *Assistant* MS160 |
| **16h - 18h** | S201008TP Statistical Modelling *Assistant* M 5290 | S413056SE Financial Econometrics *Assistant* MR040 / M 4290 | S413054CR Stochastic Processes in Finance *Prof Scaillet* M S040 (6 ECTS) · S203039SE Numerical Methods *Assist.* M5290 | | |
| **18h - 20h** | | | | | |

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| **10h - 12h** | S403106CR Econometrics I *Pr Krishnakumar* MS040 (6ECTS) | S403109CR Advanced Statistical Inference *Pr La Vecchia* (6ECTS) M5050 | S110001SE Mathematics I *Assistant* MS160 | S203031CR Probability & Statistical Learning *Pr Cantoni* M 2130 / S413056CR Financial Econometrics *Pr Scsillet* M R170 (6ECTS) | S413055SCR Models and empirical methods for Asset Pricing *Pr Trojani* M5220 (6 ECTS) | S411002CS Research Seminar in Statistics | S110001CR Mathematics *Prof Mueller* U300 (6ECTS) |
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# Spring 2023 timetable

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|
| **8h - 10h** | S411004SE Applied Bayesian Statistics *Assistant* M 2193 | 13X011CR Data Mining *Pr Kalousis* Bat A 316-318 (4 ECTS) | S411021SE Advanced Topics in Machine Learning Assistant M5020 | 751515CR Intro à la planification & l'analyse des cas uniques *Dr Tipura* M 2170 (3ECTS) | S401016CR Analytics Consulting *Pr Kuonen* MR160 (6 ECTS) |
| **10h - 12h** | S411026SE Model selection in high dimensions *Pr Victoria-Feser* M5220 (6 ECTS) | 13X011EX Data Mining *Pr Kalousis* Bat A 322-323 / 751517CR Modèles à équations structurales *Pr Ghisletta* M1150 (3 ECTS) | S403011CR Machine Learning *Pr Engelke* MR160 (6ECTS) | 12X003EX Concepts et langages orientés objets *Assistant* Bat 314-215 | S411002CS Research Seminar In Statistics M 3393 |
| **12h - 14h** | S411015SE Multivariate Analysis Assistant M2170 | S411001CR Modern Flexible Regression *Pr Cantoni* M2160 | S411001SE Modern Flexible Regression *Assistant* M5290 salle info | S411004CR Applied Bayesian Statistics *Dr Tavakoli* M 3220 (6 ECTS) / 751515CR Intro à la planification & l'analyse des cas uniques *Dr Tipura* MS130 (3ECTS) | S411003CR Fundamental and Advanced Sampling Techniques *Intervenants CFS* Dates 2023 (TBC) March April May M4220 (6 ECTS) |
| **14h - 16h** | S411008CR &SE Experimental Design: Theory and Practice *Dr Rytz* M5220 (6ECTS) | S411015CR Multivariate Analysis *Dr Tavakoli* M4020 (6ECTS) | S411026SE Model selection in high dimensions *Assistant* M5220 | S403011SE Machine Learning *Assistant* M1170 | |
| **16h - 18h** | | 12X003 Concepts et langages orientés objets Dr Falcone BatA/404-407 (4ECTS) / 751518 Modèles multiniveaux Dr Chanal MR070 (3ECTS) / S411021CR Advanced Topics in Machine Learning Pr Engelke M4020 (6ECTS) | | 751517CR Modèles à équations structurales *Pr Ghisletta* M4183 (3 ECTS) | |
| **18h - 20h** | | | | | |

Workshop : T406008 Practice of Sustainable Human Development, Jeudi & vendredi 09-17 Bâtiments externes UNIGE Biotech

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| **12h - 14h** | S411015SE Multivariate Analysis Assistant M2170 | S411001CR Modern Flexible Regression *Pr Cantoni* M2160 | | S411001SE Modern Flexible Regression *Assistant* M5290 salle info | S411004CR Applied Bayesian Statistics *Dr Tavakoli* M 3220 (6 ECTS) | 751515CR Intro à la planification & l'analyse des cas uniques *Dr Tipura* MS130 (3ECTS) | In Statistics M 3393 |
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| **18h - 20h** | | | | | | | |

Workshop : T406008 Practice of Sustainable Human Development, Jeudi & vendredi 09-17 Bâtiments externes UNIGE Biotech

# NEED HELP ?

Contact **Karen LONGDEN**

By email : [gsem-statistics@unige.ch](mailto:gsem-statistics@unige.ch)
By phone : 022 379 81 09 (10h -14h)

or at GSEM Student Services
Uni Mail – 3rd floor – Office 3287A
Wednesday – Friday
(9h30 - 12h)

# Welcome session

## Master in Statistics

Wednesday 21 September
09:15 – M 5220

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**Margaux Biermé**
*Academic Advisor (mobility, masters, certificate)*
Geneva School of Economics and Management

# INTERNATIONAL EXCHANGE

# International exchange in a nutshell

- **When?** 3rd semester

- **Duration?** 1 semester maximum

- **Credits? 24** ECTS credits (elective course)

- **Where?** 130 partnerships all over the world **Panorama**

- **Application deadlines?**

  - **World / Europe: November 30th (13:00)** for a departure Fall 2023 or Spring 2024

  - **Switzerland: February 15th 2023** for an exchange in Fall 2023

    **September 15th 2023** for an exchange in Spring 2024

# International exchange : Highlights of the 'Mobility Guidelines'

*Before the Exchange*…

- **Prerequisite?** Min. 18 ECTS credits of compulsory courses by the time of the exchange semester

- **Applications?**

  ➢ Check the application requirements on [Academic Exchange Office](#) website
  ➢ + GSEM documents: provisional study plan, descriptions of courses, transcript of grades

  💡 *Tip: keep a copy of your application file, the GSEM will not have it…*

- **Study contract?** To be provided no later than two months before the start of the academic exchange

- **Validation?** Preparation of the Study contract & choice of courses according to '**Mobility Guidelines**'

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# International exchange: Highlights of the 'Mobility Guidelines'

During the Exchange…

- **Amendment of the study contract?** Possible until 1 month after the start of the semester at the welcoming university

*After the Exchange*…

- **Delivery of the official transcript?** To be provided directly by the welcoming university (not by the student!)

- **Deadlines to submit the transcript?** March 10, 2024, for validation on the February 2024 transcript

# International exchange : information sessions

From **Academic Exchange Office (SMAC)** :

➢ International Academic Exchange Week : **from October 3 to 7 2022**

➢ General Information Session : **Thursday October 6, 2022** 12:15 (MR080, Uni Mail)

From **GSEM**:

All information are available in the '**Mobility Guidelines**', on GSEM website
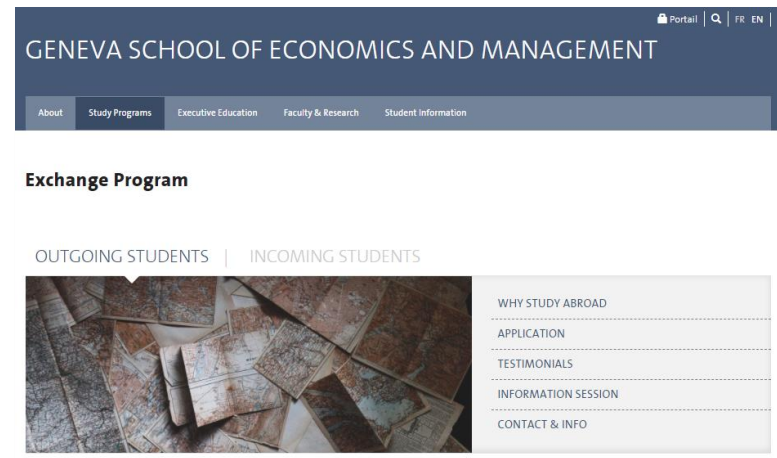
# International exchange

- **Questions ? Depends on the topic…**

The [Academic Exchange Office](#) (SMAC) is the competent service for the administrative management of your stay (destinations, application file, relations with the host university, accommodation, scholarship, etc.).

The [GSEM Academic Advisor](#), in collaboration with the Scientific Committees of the Master programs, is responsible for the academic aspects of your mobility stay (study contract, choices of courses, etc.) :

[mobility-gsem@unige.ch](mailto:mobility-gsem@unige.ch)

The [GSEM Student Services](#) is at your disposal for any other question (absence for mobility, etc.).

[Service-etudiants-gsem@unige.ch](mailto:Service-etudiants-gsem@unige.ch)

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# GENERAL INFORMATION

# Where to find the information ?

## www.unige.ch/gsem/students



- ✓ Schedules
- ✓ Study plans
- ✓ Study regulations
- ✓ Application Directives
- ✓ Forms
- ✓ Mobility Guidelines
- ✓ FAQ
- ✓ ...

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# Where to receive the information ?

Please activate your @etu.unige.ch email address
and login on your student portal:
www.portail.unige.ch



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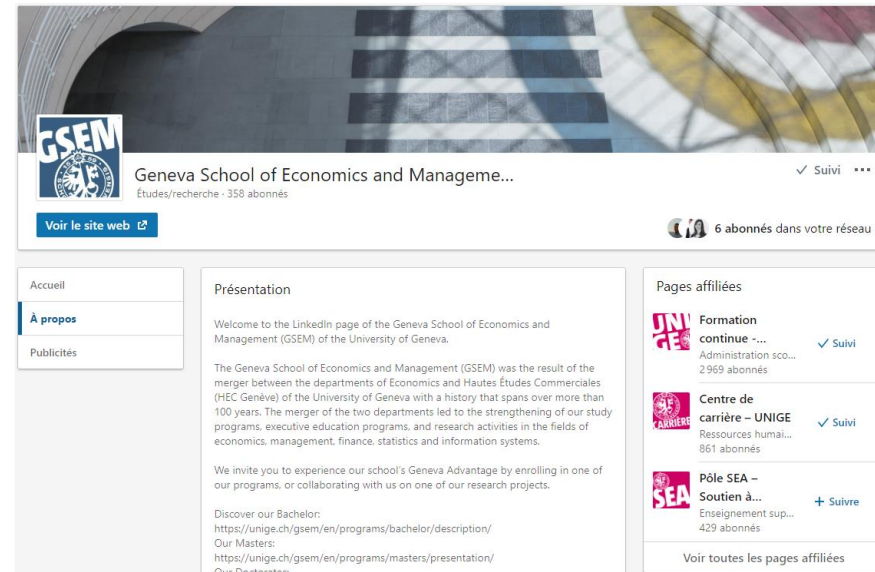DE GENÈVE
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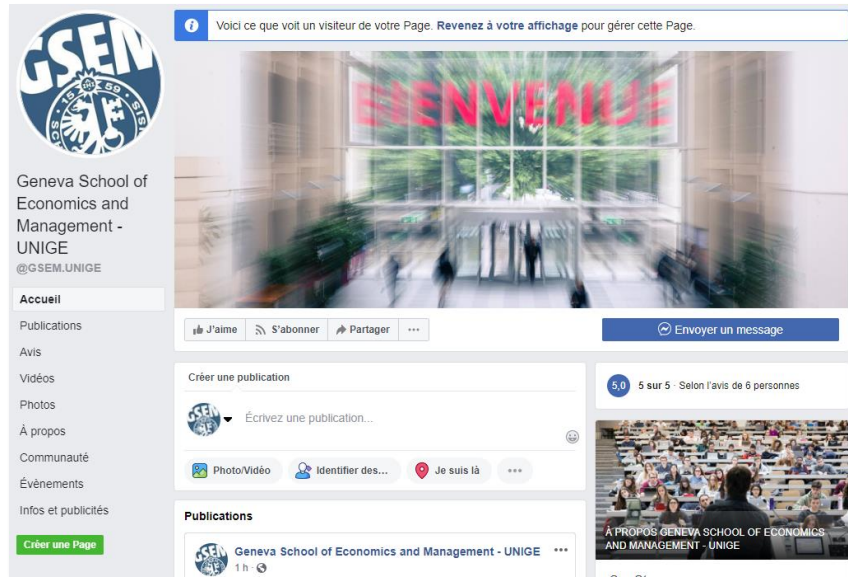


**Facebook page**
«Geneva School of Economics and Management - UNIGE»
@GSEM.UNIGE



**LinkedIn page**
«Geneva School of Economics and Management – UNIGE»

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# gsem-statistics@unige.ch

## Karen Longden
Program Coordinator

**Uni Mail 3287 A (3rd floor)**

**Wednesday 09:30 – 12:00 &
Friday 09:30 12:00**

General questions about the Master
➢ Registration courses / exams
➢ Schedule courses / exams
➢ Regulations / directives
➢ Transcript
➢ Forms

## Margaux Biermé
Academic Advisor

**Uni Mail 3254 (3rd floor)**

**Office hours (without appointment)
Monday 13:30 – 15:30 &
Tuesday 14:30 – 16:30**

➢ International exchange
➢ Health problems and special needs
➢ Equivalence requests
➢ Failure of exams and continuation of your studies

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