Registration Outline – Incoming MA Students

Helpful sites for registration: The [Student Service Center Website](#) has helpful videos and more. [Activate your UNI](#). [New Student FAQs - Registration](#). [Virtual Technology Guide](#).

PART I: BEFORE REGISTERING FOR CLASSES

✓ Review course selection:

- Incoming Full/Time students should take these [three courses](#) in the first semester:
  - o **GR5203 PROBABILITY** (half-semester—3 points) followed by
  - o **GR5204 INFERENCE** (half-semester—3 points).
  - o **GR5205 LINEAR REGRESSION MODELS** (3 points).
- Depending on background and interest, incoming students will be advised to take
  - o **GR5206 STATISTICAL COMPUTING AND INTRO TO DATA SCIENCE** (3 points).
- Your faculty adviser must approve any courses you want to register beyond the four above:
  - Use this [Course Checklist Form](#) to share with your adviser.
  - Read about [Cross Registration](#).
  - Review list of [approved electives](#) and [electives by interest area](#) on the MA Statistics website. *Also check courses that are [NOT approved](#) for the MA Program*
  - Remember you are not guaranteed a seat in an elective course, especially one not offered in the Statistics Department.

✓ Reach out to your Faculty Adviser to review your course selection and select the appropriate RU.

✓ Log into [SSOL](#) (Student Services Online) to find your "[appointment time](#)" when you can register.

Please note:

- ***CORE*** courses, or **any course** to count for graduation, cannot be taken [Pass/Fail or R](#).
- You are guaranteed a position in a **core course**, although not necessarily in the section you prefer.
- Always be considerate to others by dropping any course you do not need *as soon as possible*.
- You must receive permission from your Faculty Adviser to take more than four courses in your first semester. Students taking too many courses risk a low GPA.
- **GR5291 Advanced Data Analysis** may not be taken in your first semester. See [Capstone Course Options](#). **GR5242 Advanced Machine Learning** has a prerequisite: **GR5241 Machine Learning** which has a prerequisite: GR5206 Stat Computing & Intro to Data Science.

- You *may* be able to register in SSOL for a course from another department or school within Columbia. This is called cross registration. If full, you may register on the wait list.

- If a class is restricted, you cannot register for it. Look up the course in the Columbia Directory and review the section "Open To." Some courses open to additional students on a later date, such as the first week of classes. This is sometimes found in the "Notes" section of the course.

- If you are unable to cross register via SSOL **you must follow the** cross registration procedure **of that school**. Check the website of the school/department and follow the instructions.

  o If you have questions about the guidelines provided on the website for that particular school/department, you can reach out to the student affairs office of that school/department.

  o Once you gain permission to take the course, you may need to bring a signed Registration Adjustment Form to the Student Service Center in 205 Kent Hall or email ssc@columbia.edu.

- If a class is full, you may choose the electronic waitlist. HERE is a guide for waitlists. No paper forms will be signed to enter waitlisted courses.

- Spaces open up on waitlists when students drop in the order they enter, unless the waitlist is "self- managed." Self-managed will read "pending approval."

PART II: REGISTRATION

✓ Confirm your class schedule with your Faculty Adviser and choose the appropriate **Residence Unit (RU)**.

- **All international students in F-1 status** are required to enroll in one RU (Residence Unit) in their first two semesters and one ER (Extended Residence Unit) in their (optional) third semester. The number of classes taken each semester may vary as long as all the requirements are fulfilled at the end of three semesters, maximum.

- After completing two full **RU's** in the Program, *ALL* students must register for **ER.**

- **A full RU or ER** enables you to register for a maximum of **20 points**. Additional tuition is charged per point if you register for over 20 points—even if you drop them later.

- To find the call number for the kind of residence unit you want, look up *Richard Slusarczyk – (Assc. Dean-Academic Affairs, GSAS)* who will be listed as the "instructor." Choose the correct unit and semester.

  o **RU:** 20 points maximum *(counts as full-time for F1 Status)*

  o **ER**: 20 points maximum *(counts as full-time for F1 Status)*

  o **HR** (½ RU) allows up to three courses *(part-time students only)*

  o **QR** (¼ RU) allows up to two courses *(part-time students only)*

✓ Choose your courses for registration and know the five-digit call number of each.

✓ See the Columbia Course Directory or Vergil.

✓ When you are ready to register for your courses AND appropriate **Residence Unit (RU)** log on to: Student Services Online (SSOL).

PART III: AFTER REGISTRATION

- ✓ The first two weeks of the semester is called the *"Change of Program Period"* because students may add and drop classes in SSOL without penalty.

- ✓ Finalize your schedule by the end of the *Change of Program Period*—20 points or fewer!

- ✓ **Courses taken for Pass/Fail or for R credit will not count towards your degree program.** Review your course plan with your Adviser and review instructions HERE.

- ✓ Take note of upcoming key dates.

     - ○ No classes may be dropped after the **LAST DAY TO DROP**. *There are no exceptions!*
     - ○ **LAST DAY TO CHANGE TO R or Pass/Fail.** *There are no exceptions!*

- ✓ Email your Faculty Adviser for approval if you make any changes to the agreed-upon course plan.

- ✓ Pay your bill on time and review all the information on tuition and fees. Here is another helpful guide.

Additional questions? Mail to: Jill Forger, jf2306@columbia.edu

VIEWS FROM THE COLUMBIA COURSE DIRECTORY

(1) MA Statistics students should **not** register for the Statistics courses that are GU 42xx like the course below.

(2) MA Statistics students can register for the course below. It is only open to MA Statistics Students.

Fall 2020 Statistics GR5203 section 005
PROBABILITY

GR52XX courses are for MA Statistics Students Only.

Call Number	12521
Day & Time Location	TR 8:40am-11:25am To be announced
Points	3
Grading Mode	Standard
Approvals Required	None
Instructor	Regina Dolgoarshinnykh
Type	LECTURE
Method of Instruction	Hybrid
Course Description	Prerequisites: At least one semester of calculus. A calculus-based introduction to probability theory. Topics covered include random variables, conditional probability, expectation, independence, Bayes rule, important distributions, joint distributions, moment generating functions, central limit theorem, laws of large numbers and Markovs inequality.
Web Site	Vergil
Subterm	09/08-10/19 (A)
Department	Statistics
Enrollment	2 students (150 max) as of 1:34PM Friday, August 7, 2020
Subject	Statistics
Number	GR5203
Section	005
Division	Interfaculty
Open To	GSAS
Campus	Morningside
Note	STAT MA students only. 1st half of semester ONLY
Section key	20203STAT5203W005

Check the Method of Instruction

Check to see if the course is open to your School (GSAS) and Program. This class Meets in Fall A.

(3) Check the "Notes" section for special details.

Fall 2017 Mathematics GR5280 section 001
CAPITAL MARKETS & INVESTMENTS

Call Number	23107
Day & Time Location	F 5:00pm-7:20pm 312 Mathematics Building
Points	3
Approvals Required	None
Instructor	Alexei Chekhlov
Type	LECTURE
Course Description	Risk/return tradeoff, diversification and their role in the modern portfolio theory, their consequences for asset allocation, portfilio optimization. Capitol Asset Pricing Model, Modern Portfolio Theory, Factor Models, Equities Valuation, definition and treatment of futures, options and fixed income securities will be covered.
Web Site	CourseWorks
Department	Mathematics
Enrollment	17 students (100 max) as of 11:37PM Thursday, August 3, 2017
Subject	Mathematics
Number	GR5280
Section	001
Division	Graduate School of Arts and Sciences
Open To	Graduate School of Arts and Science
Campus	Morningside
Note	MAFN students only. Open to the University 9/11
Section key	2017 3MATH5280G001

Check the "Notes" section. Sometimes classes are restricted until a certain date.