Laurea / B.A.
in Global Governance

Academic Year 2025-2026
Syllabus
Global Strategic Theory 9 CFU
1st Module: Prof Paolo Paesani (3 CFU)
2nd Module: Prof Bruno Chiarini (6 CFU)

Course Description

The Course is divided into two Modules (Introduction to International Economics and Game Theory).

The first module provides students with an overview of the economic and financial links between a country and the world economy, using the balance of payments and the Keynesian income-expenditure model in an open economy as a reference.

The 2nd module is an introduction to game theory. The criterion of dominance and the equilibrium of Nash will be analysed with pure strategies and mixed strategies, as well as different refinements of the equilibrium (Backwards Induction, subgame perfect Nash equilibrium). An introduction to Bayesian equilibrium and repeated games will also be provided. The lessons use several examples in the field of economics, politics and economic policy. This year we will use strategic frameworks to analyze the conflict between Ukraine and Russia.

International Economics, an introduction

(1st Module)

Pre-requisites

There are no formal prerequisites.

Schedule of Topics

Topic 1	The nation and the world economy
Topic 2	Balance of payments, international investment position and the FOREX market
Topic 3	The Keynesian open economy model and its balance of payment implications

Duration, Timetable and Period of the Course

The course consists of 21 hours of lessons (on 3 topics), check the timetable. Students are asked to always be present at lessons in order to avoid delays and repetitions.

WEEK 1

Lecture 1: Course introduction

Lecture 2: International trade and international investment indicators

Lecture 3: Introduction to the balance of payments

WEEK 2

Lecture 4: The balance of payment: current account, capital account, financial account

Lecture 5: From the balance of payments to the international investment position

Lecture 6: Fundamentals about foreign exchange rates

WEEK 3

Lecture 7: Introduction to the forex market

Lecture 8: The Keynesian open economy model

Lecture9: Impact of fiscal and monetary policy on the balance of payments

WEEK 4

Lecture 10: Conclusion

Teaching Method

Lectures will make use of oral presentations. Analysis will also be presented at the board, and used for open discussion. Interaction between teacher and student will be encouraged.

The same rules apply to attending and non-attending students.

Textbook and Materials

The Economy. CORE Project (selected chapters). https://core-econ.org/the-economy/?lang=enLecture material handed over on line.

Course assessment

The verification of learning takes place exclusively through a final examination which consists of a written exam. The exam consists of three open questions (same weight, 1/3 of final mark) plus a bonus question.

The objective of the final examination is to verify the achievement of the course learning outcome. In particular, the examination assesses the student's overall preparation, ability to integrate knowledge of the different parts of the programme, consequentiality of reasoning, analytical ability and autonomy of judgement. In addition, language skills and clarity of exposition are assessed, in adherence with the Dublin descriptors.

Minimum score for passing the written test 18 out of 30.

Students may take the examination on all available dates. there is no roll-call jump.

The examination will be assessed according to the following criteria:

FAIL: important deficiencies and/or inaccuracies in the knowledge and understanding of the topics; limited ability to analyse and synthesise, frequent generalisations and limited critical and judgemental skills, the topics are set out inconsistently and with inappropriate language;

18-20: Barely sufficient knowledge and understanding of the topics with possible generalisations and imperfections; sufficient capacity for analysis, synthesis and autonomy of judgement, the topics are frequently exposed in an incoherent manner and with inappropriate/technical language;

21-23: Routine knowledge and understanding of topics; ability to analyse and synthesise correctly with sufficiently coherent logical argumentation and appropriate/technical language

24-26: Fair knowledge and understanding of the topics; Good analytical and synthetic skills with arguments expressed in a rigorous manner but with language that is not always appropriate/technical.

27-29: Comprehensive knowledge and understanding of the topics; considerable capacity for analysis and synthesis. Good autonomy of judgement. Arguments presented in a rigorous manner and with appropriate/technical language

30-30L: Excellent level of knowledge and thorough understanding of topics. Excellent analytical and synthetic skills and independent judgement. Arguments expressed in an original manner and with appropriate technical language.

Game Theory

(2nd Module)

Duration, Timetable and Period of the Course

The course consists of 21 lessons (on 10 topics) of 2 hours each, check the timetable. Students are asked to always be present at lessons in order to avoid delays and repetitions.

Teaching Method

Lectures will make use of oral presentations. Analysis will also be presented at the board, and used for open discussion. Interaction between teacher and student will be encouraged.

Schedule of Topics

Topic 1	Normal form and Extensive form
Topic 2	Strategy dominance and Nash Equilibrium
Topic 3	Complete Information (perfect and imperfect)
Topic 4	Mixed strategies and equilibrium interpretation
Topic 5	Coordination problem (prisoner dilemma; stag hunt; chicken game.)
Topic 6	Public goods and free-riding phenomenon
Topic 7	Backward induction and subgame perfection
Topic 8	Games of incomplete information Bayesian equilibrium
Topic 9	War and conflict using some strategic schemes
Topic 10	Repeated Games

Textbook and Materials

The teacher will refer the student, by the end of each week, to the relevant material on the basis of the above topics:

Pdf lessons of the teacher, downloadable.

One of the following volumes (Before purchasing the book, wait for the first lessons where the teacher will provide some explanations for the choice):

Gibbons A. Primer in Game Theory, Prentice Hall

Osborne M. Introduction to Game Theory: International Edition, OUP Oxford

All students are eligible to take the midterm written test after the first three weeks of the course. However, the final exam will be different for students who are always present in class (more than 80% of class attendance) and for students who do not attend. Non attending students will have to perform a longer final written exam on the whole program. Students are encouraged to attend lectures as the course is based on reasoning frameworks applied to various contexts (politics, economics, conflicts, etc.) that should be discussed with the teacher.

Assessment

Module I (Prof. Paesani) counts for 1/3 of the course grade.

Module II (Prof. Pecchi) counts for 2/3 of the course grade.

Office hours

By appointment: paolo.paesani@uniroma2.it . You can usually talk to the teacher after class.

By appointment: bchiarini56@gmail.com . You can usually talk to the teacher after class.

NOTE: If you are an Erasmus or a non Global Governance student who would like to attend one or more courses in the Global Governance programme, please be aware that, before enrolling in the course, you should have read the code of conduct and the procedural rules characterizing our programme. We assume that, if you enroll in the course, you have read and accepted all Global Governance values and rules. Notice that attendance is required from the very first lesson and you need to attend at least 80% of the course to be considered an attending student.

Description of the methods and criteria for testing learning

The examination assesses the student's overall preparation, ability to integrate the knowledge of the different parts of the program, consequentiality of reasoning, analytical ability and clarity of presentation, in accordance with the Dublin descriptors (1. knowledge and understanding; 2. applying knowledge and understanding; 3. making judgements; 4. learning skills; 5. communication skills).

The examination will be graded according to the following criteria:

Unsuitable: important deficiencies and/or inaccuracies in the knowledge and understanding of the topics; the topics are exposed in an incoherent manner and with inappropriate language.

18-20: barely sufficient knowledge and understanding of most of the topics, with some missing items; sufficient capacity for analysis; the topics are sometimes exposed in an inconsistent manner and with inappropriate/technical language;

21-23: basic knowledge and understanding of most of the topics; ability to analyze and synthesize correctly with sufficiently coherent logical argumentation, with possibly some inaccuracy in the technical language.

24-26: good knowledge and understanding of most of the topics; good analytical and synthetic skills with rigorously expressed arguments, though with possibly a few inaccuracies in the technical language.

27-29: complete knowledge and understanding of the topics; good capacity for analysis and synthesis. Arguments presented in a rigorous manner and with appropriate/technical language, with only minor inaccuracies.

30-30L: very good level of knowledge and thorough understanding of topics. Excellent analytical and synthetic skills and independent judgement. Arguments expressed in an original manner and in appropriate technical language.