

UNDERSTANDING POPULATION AND DEMOGRAPHY

**Grado en Comportamiento y Ciencias Sociales BBSS SEP-
2023 UPD-BS.2.M.A**

Area Others

Number of sessions: 30

Academic year: 23-24

Degree course: SECOND

Number of credits: 6.0

Semester: 2º

Category: COMPULSORY

Language: English

Professor: **RENATO MAURICIO FUMERO**

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Renato Mauricio Fumero was born in Buenos Aires, Argentina. He received his bachelor's degree in Political Science from the Universidad de Buenos Aires, where he also studied Philosophy. He received his master's degree in Critical Theory from the Universitat Autònoma de Barcelona, Spain. He has done his Ph.D. studies in Sociology at the Universidad Nacional de San Martín, Argentina.

He has been a member of different research groups and institutions, both academic and non-academic, among which are the Center of Social Studies of Economy, of the Universidad Nacional de San Martín, and the Center of Social and Economic Research of Buenos Aires, of the Central de Trabajadores de la Economía Popular, both in Argentina. As a scholar, he has done research stays at the Global South Studies Center, of the Universität zu Köln, in Germany, and the Department of Organization, of The Copenhagen Business School, in Denmark.

He has taught at various Argentinean universities such as Universidad de Buenos Aires, Universidad Nacional de San Martín and Universidad Nacional de Tres de Febrero. He has worked as a senior analyst at different private consulting agencies and, in the public sector, he has been Advisor to the Minister and Communication Director at the Ministerio de Desarrollo Territorial y Hábitat de la República Argentina.

Office Hours

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SUBJECT DESCRIPTION

A widely accepted definition says that Demography is the study of human populations.

Demography shapes much of our social life. Population related issues are increasingly present in public debate: population aging, depopulation, family planning, population diversity and migration flows, among others. Private businesses and governments use demographic analysis in their decision-making processes, as means of evaluating and predicting economic, political, social and cultural trends related to population.

The approach of this course is double. We will consider Demography, both, as a scientific discipline and as a tool and a perspective that enriches our understanding of fundamental social, political and economic contemporary problems.

On the one hand, this course introduces and gives a solid grounding on all of the fundamental demographic phenomena: Population Growth, Age and Sex Structures, Mortality, Morbidity, Fertility, Unions and Householding, Migration and Population Diversity.

On the other hand, in this course we will analyze through demographic lenses contemporary social and economic phenomena such as social security systems' crisis, family planning programs, care economy demographics, etc.

LEARNING OBJECTIVES

Objectives

- To acquire basic notions of the scientific process for problem solving
- To understand basic insights of the human sciences
- To understand the basics of human populations
- To understand the importance of population change for public policy

Skills

- Development of a critical standpoint in interpreting demographic data
- The use of basic tenets of the scientific method
- Improving argumentation skills
- Improvement of critical thought
- The ability to connect demography with other fields of behavioral sciences

TEACHING METHODOLOGY

This course is organized in thematic units. Each unit is a combination of conceptual discussions, demographic analysis and case studies.

This course consists of lectures, discussions, student presentations and specific assignments. Oral and written discussions are critical for students of Behavioral and Social Sciences and therefore students will be encouraged to share their thoughts and ideas in relation to the different issues presented in each session. Students will be encouraged to research, develop opinions and produce arguments to justify their analyses.

Students will dedicate hours to individual study, preparation of assignments and group work. Students will be expected to critically reflect on the material presented in class and corresponding texts by actively participating in class discussions. Students will have to look for information and analyze it in order to make oral and written group presentations.

IE University teaching method is defined by its collaborative, active, and applied nature. Students actively participate in the whole process to build their knowledge and sharpen their skills. Professor's main role is to lead and guide students to achieve the learning objectives of the course. This is done by engaging in a diverse range of teaching techniques and different types of learning activities.

Learning Activity	Weighting	Estimated time a student should dedicate to prepare for and participate in
Lectures	20.0 %	30.0 hours
Discussions	20.0 %	30.0 hours
Exercises in class, Asynchronous sessions, Field Work	20.0 %	30.0 hours
Group work	20.0 %	30.0 hours
Individual studying	20.0 %	30.0 hours
TOTAL	100.0 %	150.0 hours

PROGRAM

NOTE

PLEASE NOTE THAT THE SCHEDULE BELOW IS SUBJECT TO CHANGE BASED ON THE INTERESTS AND NEEDS OF THE STUDENTS. THE MOST UPDATED INFORMATION ABOUT WHAT YOU NEED TO DO FOR EACH SESSION WILL ALWAYS BE FOUND IN THE ANNOUNCEMENTS SECTION.

SESSION 1 (LIVE IN-PERSON)

COURSE PRESENTATION

Activities: During the first session, we will go over the course's structure, objectives, content, and evaluation system. We will also discuss both the professor's and students' expectations.

SESSION 2 (LIVE IN-PERSON)

INTRODUCTION TO DEMOGRAPHY

Topic(s): Introduction to Demography. Population. History and Framework.

Activities: Lecture; Discussion

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 1-18 (See

Bibliography)

Book Chapters: 2030: How Today's Biggest Trends Will Collide and Reshape the Future of Everything. Stroud, The History Press. Introduction (See Bibliography)

SESSION 3 (LIVE IN-PERSON)

DEMOGRAPHIC & SOCIAL DATA

Topic(s): Demographic Data. Population. Critical Demography & Large Numbers. Census, Errors and Controversies. UN Census.

Activities: Lecture; Discussion; Work in teams: texts and databases

Databases: UN, US, etc.

Video: The Census: Last Week Tonight with John Oliver, etc.

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, Pages: 19-46 (See Bibliography)

Other / Complementary Documentation: UN - World Population and Housing Census Programme: Census Documents

SESSION 4 (LIVE IN-PERSON)

DEMOGRAPHIC & SOCIAL DATA

Topic(s): Demographic Data. Population. Critical Demography & Large Numbers. Census, Errors and Controversies. UN Census.

Activities: Lecture; Discussion; Work in teams: texts and databases. Students presentations.

Databases: UN, US, etc.

Video: The Census: Last Week Tonight with John Oliver, etc.

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 19-46 (See Bibliography)

SESSION 5 (LIVE IN-PERSON)

POPULATION GROWTH

Topic(s): Population Growth. Transition Theories. MDRs vs. LDRs. Population Distribution, Size & Growth problems.

Activities: Lecture, Discussion, Work in teams: texts and databases. Students presentations.

Databases: UN, WB, OECD, etc.

Video: UN: The World Population Has Reached 8 Billion – Now What? , etc.

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 47-91 (See Bibliography)

SESSION 6 (LIVE IN-PERSON)

POPULATION GROWTH

Topic(s): Population Growth. Transition Theories. MDRs vs. LDRs. Population Distribution, Size & Growth problems.

Activities: Lecture, Discussion, Work in teams: texts and databases. Students presentations.

Databases: UN, WB, OECD, etc.

Video: UN: The World Population Has Reached 8 Billion – Now What? , etc.

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 47-91 (See Bibliography)

SESSION 7 (LIVE IN-PERSON)

POPULATION GROWTH

Topic(s): Population Growth. Transition Theories. MDRs vs. LDRs. Population Distribution, Size & Growth problems.

Activities: Lecture, Discussion, Work in teams: texts and databases. Students' Presentations.

Databases: UN, WB, OECD, etc.

Video: UN: The World Population Has Reached 8 Billion – Now What? , Hans Rosling: Global population growth, box by box etc.

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages 47 - 91 (See Bibliography)

SESSION 8 (ASYNCHRONOUS)

Essay n-1: POPULATION GROWTH IN FICTION

SESSION 9 (ASYNCHRONOUS)

Essay n-1: POPULATION GROWTH IN FICTION

SESSION 10 (LIVE IN-PERSON)

AGE & SEX STRUCTURE

Topic(s): Age & Sex Structure. Regional Contrasts. Problems of Young and of Old Populations. Pension systems.

Activities: Lecture; Discussion; Work in teams: texts and databases; Students' Presentations

Databases: UN, WB, OECD, etc.

Video: Europe Is Too Old, etc.

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages 94-143 (See Bibliography)

Book Chapters: 2030: How Today's Biggest Trends Will Collide and Reshape the Future of Everything. Stroud, The History Press. Chapters 2 & 4 (See Bibliography)

SESSION 11 (LIVE IN-PERSON)

AGE & SEX STRUCTURE

Topic(s): Age & Sex Structure. Regional Contrasts. Problems of Young and of Old Populations. Pension systems.

Activities: Lecture; Discussion; Work in teams: texts and databases; Students' Presentations

Databases: UN, WB, OECD, etc.

Video: Europe Is Too Old, etc.

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages 94-143 (See Bibliography)

Book Chapters: 2030: How Today's Biggest Trends Will Collide and Reshape the Future of Everything. Stroud, The History Press. Chapters 2 & 4 (See Bibliography)

SESSION 12 (LIVE IN-PERSON)

Quiz n-1

SESSION 13 (LIVE IN-PERSON)

MORTALITY

Topic(s): Mortality. Life Expectancy at Birth. Historical Mortality Transitions: MDRs vs. LDRs. Differences in Mortality.

Activities: Lecture; Discussion; Work in teams: texts and databases. Students' Presentation.

Databases: UN, WB, WHO, HIVorg, etc.

Video: David Sinclair: Is Aging Reversible? A Scientific Look, Hans Rosling's 200 Countries, 200 Years, 4 Minutes, etc.

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 145 - 186 (See Bibliography)

SESSION 14 (LIVE IN-PERSON)

MORTALITY

Topic(s): Mortality. Life Expectancy at Birth. Historical Mortality Transitions: MDRs vs. LDRs. Differences in Mortality.

Activities: Lecture; Discussion; Work in teams: texts and databases. Students' Presentation.

Databases: UN, WB, WHO, HIVorg, etc.

Video: David Sinclair: Is Aging Reversible? A Scientific Look, Hans Rosling's 200 Countries, 200 Years, 4 Minutes, etc.

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 145 - 186 (See Bibliography)

SESSION 15 (LIVE IN-PERSON)

MORBIDITY

Topic(s): Morbidity & Health.

Activities: Lecture; Discussion; Work in teams: texts and databases; Students' Presentations

Databases: UN, WB, WHO, etc.

Video

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 189 - 218
(See Bibliography)

SESSION 16 (LIVE IN-PERSON)

Special Class

Activities: Work in groups on a selected topic

SESSION 17 (LIVE IN-PERSON)

FERTILITY

Topic(s): Fertility Transitions, Desired vs. Actual, Replacement Level, Timing & Age-Structure; Background vs. Proximate The African Baby Boom and Family Planning Programs

Activities: Lecture; Discussion; Work in teams: texts and databases; Students' Presentations

Databases: UN, WB, WHO, etc.

Video: Global Problems of Population Growth with Robert Wyman, etc.

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 219 - 275
(See Bibliography)

Book Chapters: 2030: How Today's Biggest Trends Will Collide and Reshape the Future of Everything. Stroud, The History Press. Chapter 1 (See Bibliography)

SESSION 18 (LIVE IN-PERSON)

FERTILITY

Topic(s): Fertility Transitions, Desired vs. Actual, Replacement Level, Timing & Age-Structure; Background vs. Proximate The African Baby Boom and Family Planning Programs

Activities: Lecture; Discussion; Work in teams: texts and databases; Students' Presentations

Databases: UN, WB, WHO, etc.

Video: Global Problems of Population Growth with Robert Wyman, etc.

Required Reading:

Book Chapters: Guillen, M. F. (2020). 2030: How Today's Biggest Trends Will Collide and Reshape the Future of Everything. Stroud, The History Press. Chapter 1 (See Bibliography)

Book Chapters: Demography: the study of human population. Waveland Press (See Bibliography)

SESSION 19 (LIVE IN-PERSON)

Essay n-2: FAMILY PLANNING

SESSION 20 (LIVE IN-PERSON)

Essay n-2: FAMILY PLANNING

SESSION 21 (LIVE IN-PERSON)

UNIONS AND HOUSEHOLDING

Topic(s): Unions & Householding. Nuptiality. Family Trends. Second Demographic Transition. Marital Dissolution.

Activities: Lecture; Discussion; Work in teams: texts and databases

Databases: UN, US, INE, etc.

Video

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 279 - 322
(See Bibliography)

SESSION 22 (LIVE IN-PERSON)

UNIONS AND HOUSEHOLDING

Topic(s): Unions & Householding. Nuptiality. Family Trends. Second Demographic Transition. Marital Dissolution.

Activities: Lecture; Discussion; Work in teams: texts and databases

Databases: UN, US, INE, etc.

Video

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 279 - 322
(See Bibliography)

SESSION 23 (LIVE IN-PERSON)

Quiz n-2

SESSION 24 (LIVE IN-PERSON)

POPULATION DIVERSITY

Topic(s): Population Diversity. Terminology, Problems and Policies.

Activities: Lecture; Discussion; Work in teams: texts and databases. Students' Presentations.

Databases: UN, USC, GovUK, OECD, OIT, etc.

Video

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 405-447
(See Bibliography)

SESSION 25 (LIVE IN-PERSON)

POPULATION DIVERSITY

Topic(s): Population Diversity. Terminology, Problems and Policies. Students' Presentations.

Activities: Lecture; Discussion; Work in teams: texts and databases

Databases: UN, USC, GovUK, OECD, OIT, etc.

Video

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 405-447
(See Bibliography)

SESSION 26 (LIVE IN-PERSON)

MIGRATION

Topic(s): Migration. History of Migration. External vs. Internal. Flows, Theories and Determinants. Problems and Policies.

Activities: Lecture; Discussion; Work in teams: texts and databases. Students' Presentations.

Database: OECD, INE, UN, etc.

Video

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 325-373

(See Bibliography)

Book Chapters: 2030: How Today's Biggest Trends Will Collide and Reshape the Future of Everything. Stroud, The History Press. Chapter 1 (See Bibliography)

SESSION 27 (LIVE IN-PERSON)

MIGRATION

Topic(s): Migration. History of Migration. External vs. Internal. Flows, Theories and Determinants. Problems and Policies.

Activities: Lecture; Discussion; Work in teams: texts and databases. Students' Presentations.

Database: OECD, INE, UN, etc.

Video

Required Reading:

Book Chapters: Demography: the study of human population. Waveland Press, pages: 325-373

(See Bibliography)

Book Chapters: 2030: How Today's Biggest Trends Will Collide and Reshape the Future of Everything. Stroud, The History Press. Chapter 1 (See Bibliography)

SESSION 28 (LIVE IN-PERSON)

Group Presentation Workshop

Activities: Work in groups in the final group project

SESSION 29 (LIVE IN-PERSON)

PROJECT: Group Presentations

Activities: Group presentations

SESSION 30 (LIVE IN-PERSON)

PROJECT: Group Presentations

Activities: Group presentations

EVALUATION CRITERIA

CLASS PARTICIPATION, WEEKLY TASKS

Students will have to actively work before, during and after classes. They will be asked to read, look for information and analyze it. It is expected from students to participate in class discussions. Students' participation should be oriented to enrich the intellectual climate of the class, participating in debates, carefully listening to peers and engaging in dialogues with them.

QUIZZES

Students will have to answer 2 quizzes in class. Students will be asked to prove their reading comprehension of the compulsory bibliography of the course.

Students who do not submit at least 50% of the quizzes will not be able to pass the course.

ESSAYS

Students will have to create 2 short essay like writings in groups. These writings are meant to be the opportunity for students to express their personal interpretation about certain films, conferences or texts selected by the professor. In their analyses, students will have to use the notions discussed in class.

Students who do not submit at least 50% of the essays will not be able to pass the course.

CLASS PRESENTATIONS

Each student will have to do 2 in pair presentations in class of an article, report or text selected by the professor. In their presentations students have to show that they have a solid understanding not only of the material that they are presenting but also about the unit that is being discussed in that class. Students can't do both of their presentations with the same partner.

Students who do not do at least 50% of the class presentations will not be able to pass the course.

CLASS ACTIVITIES

Students will have to hand in some of the group activities done in class. The professor will explicitly inform the class which are the activities that need to be delivered.

Students who do not deliver at least 50% of the class activities will not be able to pass the course.

FINAL GROUP PROJECT

Each group will have to develop an original project, based on their research and analysis, on a topic chosen by the group members out of the options offered by the professor.

Groups will do an oral presentation of their project in front of the class, where they are expected to summarize the work that they have done. Groups will have to send a written version of their project. Both, the oral and written presentations will be evaluated.

Professor will provide instructions to organize the topic selection, research, analysis and presentations. Students will be asked to define a research problem, search for bibliography in order to define a theoretical framework and state of the art, etc. The final essay will resemble an academic paper's structure.

IMPORTANT:

* Activities delivered after the specified deadline won't be evaluated, except if the professor explicitly says it otherwise.

criteria	percentage	Learning Objectives	Comments
Class Participation	5 %		
Quizzes	30 %		
Class Presentations	15 %		
Final Group Project	20 %		
Essays	20 %		
Class Activities	10 %		

RE-SIT / RE-TAKE POLICY

Each student has four (4) chances to pass any given course distributed over two (2) consecutive academic years. Each academic year consists of two calls: one (1) ordinary call (during the semester when the course is taking place); and one (1) extraordinary call (or “re-sit”) in June/July.

Students who do not comply with the 80% attendance requirement in each subject during the semester will automatically fail both calls (ordinary and extraordinary) for that Academic Year and have to re-take the course (i.e., re-enroll) during the next Academic Year.

The Extraordinary Call Evaluation criteria will be subject to the following rules:

- Students failing the course in the ordinary call (during the semester) will have to re-sit evaluation for the course in June / July (except those students who do not comply with the attendance rule, and therefore will not have that opportunity, since they will fail both calls and must directly re-enroll in the course during the next Academic Year).
- It is not permitted to change the format nor the date of the extraordinary call exams or deadlines under any circumstance. All extraordinary call evaluation dates will be announced in advance and must be taken into consideration before planning the summer (e. g. internships, trips, holidays, etc.)
- The June/July re-sit will consist of a comprehensive evaluation of the course. Your final grade for the course will depend on the performance in this exam or evaluation only. I.e., continuous evaluation over the semester (e. g. participation, quizzes, projects and/or other grade components over the semester) will not be taken into consideration on the extraordinary call. Students will have to achieve the minimum passing grade of 5 and the maximum grade will be capped at 8.0 (out of 10.0) – i.e., “notable” in the extraordinary call.
- Re-takers: Students who failed the subject on a previous Academic Year and are now re-enrolled as re-takers in a course will need to check the syllabus of the assigned professor, as well as contact the professor individually, regarding the specific evaluation criteria for them as re-takers in the course during that semester (ordinary call of that Academic Year). The maximum grade that may be obtained as a retaker during the ordinary call (i.e., the 3rd call) is 10.0 (out of 10.0).

After exams and other assessments are graded by the professor (on either the ordinary or extraordinary call), students will have a possibility to attend a review session (whether it be a final exam, a final project, or the final overall grade in a given course). Please be available to attend the session in order to clarify any concerns you might have regarding your grade. Your professor will inform you about the time and place of the review session.

- Students failing more than 18 ECTS credits after the June/July re-sits will be asked to leave the Program. Please, make sure to prepare yourself well for the exams in order to pass your failed subjects.
- In case you decide to skip the opportunity to re-sit for an exam or evaluation during the June/July extraordinary call, you will need to enroll in that course again for the next Academic Year as a re-taker, and pay the corresponding tuition fees. As you know, students have a total of four (4) allowed calls to pass a given subject or course, in order to remain in the program.

BIBLIOGRAPHY

Compulsory

- Jennifer Hickes Lundquist, Amherst Douglas L., David Yaukey. (2015). *Demography. Understanding Human Population*. 4th. Wavelength Press. ISBN 1478613068 (Digital)

- Mauro Guillen. *2030: How Today's Biggest Trends Will Collide and Reshape the Future of Everything*. Stroud, The History Press. ISBN 9780750996075 (Digital)

BEHAVIOR RULES

Please, check the University's Code of Conduct [here](#). The Program Director may provide further indications.

ATTENDANCE POLICY

Please, check the University's Attendance Policy [here](#). The Program Director may provide further indications.

ETHICAL POLICY

Please, check the University's Ethics Code [here](#). The Program Director may provide further indications.