

## Integrative Workshop I

Academic Year: ( 2022 / 2023 )

Review date: 02-06-2022

Department assigned to the subject: Social Sciences Department

Coordinating teacher: NICOLINI ALESSI, ESTEBAN ALBERTO

Type: Compulsory ECTS Credits : 6.0

Year : 1 Semester : 2

**OBJECTIVES**

The central goal of the Integrative Workshop I will be to apply the diagnosis tools incorporated during the first term of the master in the courses ¿Introduction to sustainable development and global governance¿, ¿Methods in sustainability studies¿, ¿Hunger, poverty, inequality and global challenges¿, ¿Biodiversity, land and water¿, ¿International law and sustainability¿ and ¿Ecosystems and planetary health¿ to a case study. In addition to the specific professors of the Integrative Workshop I, a methodological goal is that in the teamwork, students interact with the professors specialized in each discipline for the specific tasks and challenges shared and discussed in the workshop.

Other goals of the course are

- Capacity to elaborate an analytical baseline using the multidimensional approach of the SDG
- Capacity to elaborate a national, regional and/or local diagnosis of the level of fulfilment of the SDGs using classic information sources
- Capacity to elaborate a line of action with application of multivariant analysis and correlation analysis among variables related with targets within the framework of the SDGs.

**DESCRIPTION OF CONTENTS: PROGRAMME**

Integrative workshops will be based on tasks in groups on specific case studies. Their central goal will be to explicitly incorporate the multidisciplinary and applied approach. Incentives will be created to transform the analyses developed during the Integrative Workshops into the basis of the final theses of the Master.

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The basic steps and main topics of the workshop will be

1. Definition of a case study to elaborate an analytical baseline using the multidimensional approach of the SDG
2. Elaboration of a national, regional and/or local diagnosis of the level of fulfilment of the SDGs using classic information sources
  - a. Identification of the relevant information for the elaboration of a baseline of the social situation from censuses, official households¿ surveys and specific surveys.
  - b. Identification of the available information about the state of the environment or some of its natural components, their reciprocal interactions and the activities that can affect them.
  - c. Discussion of the limitations of each source of information: sample representativeness, spatial coverage, variable codification, attrition.
3. Elaboration of specific analysis of priorities for the case under study based on distance from a set of targets within the framework of the SDGs.

Simulation of a control panel.

4. Initial proposal of a line of action

a. Application of multivariate analysis and correlation analysis among variables related with targets within the framework of the SDGs.

b. Identification of possible causal relations among indicators and possible synergies of policy interventions.

#### LEARNING ACTIVITIES AND METHODOLOGY

- Theoretical and practical classes
- Teamwork during practical classes
- Tutorial classes
- Presentations

#### ASSESSMENT SYSTEM

- Individual or group presentations
- Individual or group work done during the course
- Final report/exam

**% end-of-term-examination:** 40

**% of continuous assessment (assignments, laboratory, practicals...):** 60

#### BASIC BIBLIOGRAPHY

- Sachs, Jeffrey The age of sustainable development, Columbia University Press, 2015

#### ADDITIONAL BIBLIOGRAPHY

- Bertrand, Marianne Gender in the Twenty-First Century, AEA Papers and Proceedings 110: 1-24, 2020
- Bezawit Beyene Chichaibelu, et al. The global cost of reaching a world without hunger: Investment costs and policy action opportunities, Food Policy, Volume 104, 2021
- Ferreira et al. A global count of the extreme poor in 2012. Data issues, methodology and initial results, Policy Research Working Paper 7432. World Bank, 2016
- IPBES Global assessment report on biodiversity and ecosystem services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, IPBES secretariat, 2019
- Lakner and Milanovic Global Income Distribution. From the fall of the Berlin Wall to the Great Recession, The World Bank Economic Review 30, 203-232, 2015
- Morgan, Richard K. Environmental impact assessment: the state of the art, Impact Assessment and Project Appraisal Vol. 30, No. 1, 5-14, 2012
- Sevilla, Almudena Gender economics: an assessment, Oxford Review of Economic Policy 36(4): 725-742, 2020
- UN Informe mundial sobre el desarrollo sostenible 2016. Ensuring that no one is left behind (Asegurar que nadie se quede atrás), <https://sustainabledevelopment.un.org/globalreport/2016>, 2016
- UN Global Sustainable Development Report 2019. The Future is Now: Science for Achieving Sustainable Development, <https://sustainabledevelopment.un.org/globalreport/2019>, 2019