# uc3m Universidad Carlos III de Madrid

# Advanced models and methods of evaluation

Academic Year: (2019 / 2020) Review date: 12-04-2019

Department assigned to the subject: Social Analysis Department Coordinating teacher: AGULLO TOMAS, MARIA SILVERIA

Type: Electives ECTS Credits: 6.0

Year: 4 Semester:

# REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

Previous subjects regarding "Evaluation"

## **OBJECTIVES**

## Knowledge:

- and skills to design and developed applied research in different social sectors.
- And management of methodology and basis technics of social sciences.
- And technics skills to produce and to analysis quantitative and qualitative data.
- And skills in sampling and field work.

To know how to choose the techniques from social research (quantitative and qualitative) adjusted to the setting and the evaluation context.

Learning:

Concepts and statistical techniques for human society.

Capacities:

- To design, used and read into social indicator.
- To link knowledge of sociology and related sciences.
- To adjusted evaluation questions to economic resources, time and human support.
- To evaluate the programs, projects, public policies and social intervention and its results.
- To promote the design of public policies drive to solve social problems.
- To design programs and projects of social intervention.
- To analysis and synthesis.
- To information management.
- To organization and planning.

# Skills:

- In the development of organizations (consulting, design and management of organizations and institutions).
- critical thinking.
- Ethical commitment.
- Interdisciplinary teamwork
- Decision making

# **DESCRIPTION OF CONTENTS: PROGRAMME**

- To introduce the subject and link with previous subject Development Evaluation of Programes and Organitations.
- -operationalization: from questions or criteria to indicators. Identification of indicators and standars. Indicators reordered and ad hoc. Different ways to fix standars.
- To introduce techniques: surveys, secondary sources, observation, interview, focus group, life history, others gruop techniques and product and visual analysis.
- Impact Evaluation Design. Methodological options to estimate net effect: experimental desing, cuasiexperimental and noexperimental. Statistical modeling: standardization and regression.
- Data analysis: Quantitative: bivariate data mining. Multivariate data mining: multivariate regression, ANOVA and ANCOVA. Qualitative: discourse analysis. Mixed methods.
- Interpretation. How to produce a data interpretation based in systematic approach or driven by program theory.
- The analyzing of evaluation methods and the correspondence whit proposes: enlightenment, improvement and accountability.
- To identify recommendations

Analysis and classification of evaluation¿s models: PISA, ACB, EFQM-TQM, CIPP (Stufflebeam), trial (Wolf). .

Análisis y clasificación de modelos de evaluación: Informe PISA, ACB, EFQM, CIPP, judicial,

#### LEARNING ACTIVITIES AND METHODOLOGY

- Teacher explanation of the contents with the active participation of students through dynamic and workshops. This method relate primarily to the acquisition of knowledge and abilities. The students work whit a brief handbooks. These tasks are estimated in 3 ECTS.
- Specific workshops (methological options, discourse analysis and interpretation). The three workshops are conducting mainly with the assistance of the teacher in class time. This task is estimated in 3ECTS.
- Individuals or group tutorials. The teacher gives support trough individuals o groups interviews.

## ASSESSMENT SYSTEM

The evaluation was based on analysis of the evaluation work, an exam and products from workshops. There is possibilities to choose only two of them

- The works involve 90% of the final score.
- 10% is from exam.

% end-of-term-examination:	10
% of continuous assessment (assigments, laboratory, practicals):	90

# **BASIC BIBLIOGRAPHY**

- ALVIRA, F. ET AL (2008) La articulación metodólógica en las Ciencias Sociales..., UCM.
- LIGERO, J.A. (2011a) Dos métodos de evaluación: criterios y teoría del programa, Madrid: CECOD..
- LIGERO, J.A. (2011b) Apuntes de elección metodológica, (Son apuntes del profesor).
- LIGERO, J.A. ET AL (2010) Informe evaluación de program de prevención "Sales hoy?", Madrid: CRE.
- M.A.E. (1998) Metodología de la Evaluación de la Cooperación Española, Madrid: M.A.E..
- M.A.E. (Ministerio de Asuntos Exteriores) (2007) Manual de Gestión de Evaluaciones de la Cooperación Española, Madrid: M.A.E..
- MONNIER, E. (1992) Evaluación de la acción de los poderes públicos. , Madrid: Instituto de Estudios Fiscales. .
- NORAD (1990) El enfoque del Marco Lógico. Manual para la planificación de proyectos orientada mediantes objetivos., Madrid: IUDC, CEDEAL...
- STUFFLEBEAM, D. (2001), Evaluation Models. New Directions for Program Evaluation., San Francisco, Jossey-Bass..
- STUFFLEBEAM, D.; MADAUS, G. y KELLAGHAN, T. (2002). Evaluation Models. Viewpoints on educational and human services evaluation. , Boston: Kluwe Academic..
- WEISS, C. (1998). Evaluation. , New Jersey: Prentice ¿ Hall..