



برنامج الماجستير المهني

**"Monitoring and Evaluation"**

توصيف مقرر

**Research Methodology in Monitoring and )**

**(Evaluation**



معهد التخطيط القومي  
الدراسات العليا

توصيف مقرر

**Research Methodology in Monitoring and )  
(Evaluation**



<b>Level two</b>							
sr	Course Title	Code	TH	PH	CH	CU	Pre-Req.
1	<b>Research Methodology in Monitoring and Evaluation</b>	<b>PME-105</b>	30	15	45	3	<b>PME-104</b>
<b>Course Specification:</b>							
<p>This course aims at introducing students to the way of conducting research in the field of monitoring and evaluation. It provides a theoretical background to enable the students to conduct empirical studies successfully, using both quantitative and qualitative techniques in data analysis. This course adopts two approaches. The first is a cumulative approach which outlines the theoretical and practical academic content. The second is concerned with the Master's students' contribution in the practical life in order to develop their skills needed to have high-quality contribution. It covers topics where each topic contains sections that tackle the core idea of the subject. These sections are taught in a practical manner to evaluate their understanding of the subject.</p>							
<b>Course Prerequisites:</b>							
PME-104 : Statistical Methods/Tools :Statistics Methods .							
<b>Course Objectives:</b>							
<p>This course aims to guide M &amp; E students at INP towards competence and proficiency in the theoretical and practical aspects of monitoring and evaluation. This core objective can be achieved through assisting the students to define the research subject, promote the intellectual capability; critical thinking, decision-making skills, independent thought, individual judgment, and acquiring skill of applying research theory and approaches, in addition to skills required in writing research proposals, reports, and dissertation.</p>							
<b>Course Outcomes:</b>							



Upon the completion of this course, students should be able to:

- Identify the scientific study; whether it is a research paper or not.
- Grasp the value of scientific method.
- Define the Conceptual framework in each research project: the research problem- and choose a valid research problem.
- Evaluate the previous literature, in addition to variety of references.
- Identify research objectives.
- Identify the methods of data collection.
- Cite sources using the American Psychological Association (APA) style, clarifying the reasons of this choice.
- write appropriate research proposal.
- Select a good research topic.
- Conduct a good sampling of a population.
- Write a report in a scientific way.

### Course Contents:

Course's topics include:

- Research Methodology: (A review of the principles-Meaning of Research-Definitions of Research- Objectives of Research- Motivation for the Research–research properties- Criteria of Good Research- Types of Research).
- The Research Problem (Elaboration of a Problem- Statement of a Problem- Defining a Problem- Evaluation of a Problem).
- The Literature Review (Objectives - Sources - How to beConducted and written in the research).
- The Research Hypotheses (validity-Variables in a Hypothesis- formulating and testing Hypothesis).
- The Research Approach (The Qualitative Approach- The Quantitative Approach- The Mixed-Methods Approach- Criteria for Selecting a Research Approach).
- The Research Strategies (What are the Research Strategies?- Which Strategy to Choose? - Case Studies- Experiments).
- Data Collection Methods (Questionnaires –Interviews- Focus Groups –Observation- Sampling).
- References/Bibliography.
- Research code of Ethics.

### Course Assessment:



Participation and Discussion	10%
Quizzes	10%
Individual Assignment	15%
Mid –Term Exam	25%
Final Exam	40%

### Key References:

- Kumar, R. (2011). Research Methodology: a step-by-step guide for beginners (3rd edition). London, UK: TJ International Ltd, Padstow, Cornwall.
- Wallinman, N. (2006). Your Research Project: A step-by-step guide for the first-time researcher. London: Sage Publications.
- Asika, N. (2006), Research Methodology in the Behavioural Sciences. Lagos, Nigeria: Longman Nigeria PLC.
- Beauchamp, T.L. et al (eds) (1987), Ethical Issues in Social Science Research. Bestipore: Johns Hopkins University Press.
- Bell, J. (2000), Doing Your Research Project, Buckingham. Open University, Press.
- Osuala, E.C. (2005), Introduction to Research Methodology. Onitsha, Nigeria, 3rd Edition: Africana-Fep Publishers Limited.