

Master in Economics (Cooperation and Human Development)
Kenyatta University, School of Economics
in partnership with
University of Pavia, Italy and Cooperation and Development Network (CDN)

1. Preamble

The Master in Economics Programme is designed to provide professional training to individuals seeking to deepen their understanding on Cooperation and Development. The programme's core curriculum integrates substantive knowledge spanning the disciplines of: Economics, Human Development, Project Design and Management. Field Training and Internships form an integral part of the programme. These are undertaken in Non-Governmental Organisations; International Organizations; Governmental Institutions; and Local Authorities. The programme also includes Project/Thesis which is meant to build the capacities of students to undertake research

Delivery of the courses integrates presentations, seminars and conferences organized together with the partners. All the programme activities are open to interaction and dialogue. The programme has its own specificity in trying to meet the needs of local geographical and socio-political contexts, tackling and deepening understanding on the main issues of concern in the field of cooperation and development.

The target groups include but not limited to: government officials interested in expanding their knowledge in the specified areas; Individuals interested in jobs in areas of development with International Non-Governmental Organizations (INGOs), Local Non-Governmental Organizations (NGOs), Community Based Organizations (CBOs), Faith Based Organizations (FBOs), Local Governments and workers in other Organizations wishing to refresh and deepen their knowledge.

2. Rationale

The programme is rooted in development economics and human development disciplines. It provides students with knowledge on a wide range of economic, social and cultural dimensions of development processes throughout the world. The multi-disciplinary nature of the programme exposes learners to the complex nature of sustainable human development. Field training provides learners with a practical experience on development policies and practices. The strong collaboration between Kenyatta University and University of Pavia in partnership with local NGOs and International Development Organizations gives the programme a complete and cross-disciplinary training of effective professionals much needed to drive sustainable development programmes in developing societies.

3. Vision

To be a dynamic programme that provides state of the art training and research in Cooperation and Development

4. Mission

To produce well-grounded and competent professionals in Cooperation and Development

5. Objective

To equip learners with knowledge and skills for measurement and analysis of economic phenomena including human development, project design and management, resource mobilisation and cooperation for development in a dynamic world.

6. Entry Requirements

- i. A holder of at least an Upper Second Class Honours Bachelor's Degree in Economics or Economics and Statistics or Economics and Finance, or a relevant Social Science from a recognised University

OR

A holder of a Lower Second Class degree in the stated disciplines from a recognized university with two (2) years relevant work experience.

OR

A holder of at least Lower Second Class Bachelor's Degree in any other discipline, with relevant work experience, with no economics and statistics background, after successful completion of Bridging Course for the Programme.

- ii. In addition to the basic requirements the following present an added advantage:
 - ✓ Fluency in spoken and written English (for not English mother-tongue students)
 - ✓ Standard computer literacy (knowledge of basic Microsoft Office package)
 - ✓ Working or volunteering experience in cooperation and development field
- iii. Students will be selected through a process based on:
 - ✓ Analysis and evaluation of Transcript and Curriculum Vitae
 - ✓ Frontal interview by an Evaluation Committee

7. Duration and Pattern of the Programme

- ✓ Graduates of this programme will be awarded a Master of Economics (Cooperation and Human Development) Degree
- ✓ The duration of the programmes shall be a minimum of 18 months from the date of registration.
- ✓ The Programme will consist of course work, examinations, internship and research project.
- ✓ The Programme will be offered in two modules: full-time day (8am – 5.00pm) and evening (5.30pm – 8.30pm), weekend (Friday evening, Saturday and Sunday)

8. Examination and Certification

University examination regulations shall apply.

- ✓ University examinations shall be given at the end of each semester and shall contribute 60 per cent of the total marks: continuous assessment shall constitute the remaining 40 per cent.
- ✓ The duration for the University examination shall be three (3) hours per unit.
- ✓ The minimum pass mark for each unit shall be 50%.
- ✓ A candidate who fails to get at least 50% in any course may be permitted on the recommendation of the Board of Examiners and with the approval of the Senate to take supplementary examinations in the failed units up to a maximum of two units in any year. The maximum mark attainable in each unit examined in supplementary examination shall be 50%.
- ✓ A candidate who fails more than two units in the ordinary University examinations in any one year shall be discontinued

- ✓ A candidate who fails to satisfy the examiners in supplementary examination shall be discontinued.
- ✓ A candidate shall not be allowed to undertake field/ project work prior to passing supplementary examination if any.

9. Programme Structure and Course Description

The programme will run for four semesters of 14 weeks with a total of 18 units being taken by a student. Each unit will be 35 hours giving a total of 630 taught class hours.

- ✓ 1st Semester: 5 Units (175 taught class hours)
- ✓ 2nd Semester: 5 Units (175 taught class hours)
- ✓ 3rd Semester: 4 Units (140 taught class hours)
- ✓ 4th Semester: equivalent to 4 Units (for Field training (Internship) and Research Study)

One of the 14 taught Unit has to be chosen among the electives Units offered.

Every Unit is coordinated by a “standing lecturer”, belonging to the partner institutions, which have the responsibility for the teaching activities. He/she may invite other lecturers or resource persons to participate in the teaching activities.

Each semester foresees at least one seminar to deepen some relevant topics.

- ✓ The seminars will be integrated within some of the units taught during each semester and will be addressed to students enrolled at the Master Program, but with the possibility to invite a wider public.
- ✓ The students will be asked to work on the topic proposed for the seminar in advance in order to elaborate their position on it.
- ✓ The seminar will be the occasion of sharing different perspectives on a given topic in order to create a forum in which the partners and other stakeholders can discuss and confront their respective ideas, methodologies, best practices, and lessons learnt. This exercise will be helpful for all the partners to learn each other on the basis of the different experiences.
- ✓ The outcomes of the seminar could eventually be elaborated in order to be published and circulated to wider public and other interested stakeholders.

Bridging Courses for Master of Economics (Cooperation and Human Development)

EES 001 Quantitative Methods

EET 001 Microeconomics

EET 002 Macroeconomics

Courses for Master of Economics (Cooperation and Human Development)

First Semester Units:

EET 500: Advanced Microeconomic Theory I

EET 501: Advanced Macroeconomic Theory I

EET 504: Development Theories and Strategies

EES 511: Advanced Statistics (New)

EAE 539: International Economics for Development and Cooperation (New)

Second Semester Units:

EET 502: Advanced Microeconomic Theory II

EET 503: Advanced Macroeconomic Theory II

EAE 501: Economic Research Methodology
EAE 540: Human Development (HD) I: Conceptual Foundation and use of HD (New)
EAE 542: Cooperation for Development: Local Development Dimension (New)

Third Semester Units:

EAE 541: Human Development II - HD Policies (New)
EAE 543: International Cooperation Projects Design (New)
EAE 545: International Cooperation Projects Implementation and Management (New)

Elective Unit:

To take one unit from the following:

EAE 546: Disaster Preparedness/Management and Humanitarian Action (New)
OR
EAE 547: Climate Change and Development (New)
OR
EAE 548: Urban Development in Africa (New)
OR
EAE 549: Technology for Development (New)

Fourth Semester Unit:

EAE 544: Research Project (Equivalent to Four Units)

COURSE DESCRIPTIONS

A: BRIDGING COURSES

The bridging course lasts for a period of 6 weeks and shall provide basic knowledge in Microeconomics, Macroeconomics and Quantitative Methods.

EES 001 Quantitative Methods

Role of mathematics in economic analysis; Fundamental techniques in algebra; Set theory, relations, and geometry; Functions: linear, non-linear, multivariate, and correspondence; Equations and inequalities; Differential calculus: concepts of limits, continuity, derivatives and extreme values, partial, and total differentials; Integral calculus. Optimisation. Matrix Algebra; Measures of Central tendency; Probability theory; Sampling distribution of the mean and of the proportion. Theory of estimation; point and interval estimation, statistical hypothesis testing; Regression and correlation analysis.

EET 001 Microeconomics

Scope and method of economic analysis. Market and non-market economic systems. The Price theory: demand and supply, market equilibrium. Elasticities. Theory of the Consumer. Theory of Production, Theory of costs, Market structures: perfect competition, monopoly and imperfect competition. Efficiency of resource allocation. Market imperfections and governmental regulations.

EET 002 Macroeconomics

Basic concepts and techniques in macroeconomic analysis. Historical overview of macroeconomic theory. National income accounting. Demand-side, and supply-side theories of

income determination. General equilibrium analysis of national income. Theories of consumption, saving, investment, and money demand. Inflation, output and employment. International trade, balance of payments, the market for foreign exchange: fixed and flexible exchange rates regimes

B: MASTER OF ECONOMICS (COOPERATION AND HUMAN DEVELOPMENT)

First Semester Units:

EET 500: Advanced Microeconomic Theory I

Specifications of technology, returns to scale, homotheticity, monotonicity, convexity, elasticity of substitution. Profit maximization, the profit function, factor demand functions and output supply function. Cost minimization, cost function, and conditional factor demands. Duality in production. The theory of consumer behaviour: choices and preferences, utility, demand functions and their properties; indirect utility functions and expenditure functions; duality in consumption, Slutsky equation, revealed preference, separability and market demand.

EET 501: Advanced Macroeconomic Theory I

National income and product accounts. Aggregate demand and supply. The static and dynamic IS-LM model. Neoclassical model. Monetary and fiscal policies. The Mundell-Fleming model. Open Macroeconomics. Consumption and savings. Overlapping generations models. Investment: Business fixed investment; Classical model; Marginal efficiency of capital; Accelerator principle; Investment in Housing; Investment in human capital; Government policy and private investment- Crowding in and crowding out; Liquidity constraints.

EES 511: Advanced Statistics (New)

Types and role of information in economic development. Methods of data collection in social sciences. Data description, analysis and presentation. Parametric and non-parametric tests. Regression and correlation analysis. Specification and estimation of a regression model. Interpretation of regression results: Hypothesis formulation and testing. Distributed lag Models. Simultaneous equation systems. Econometrics of discrete choice. Computer applications in statistical analysis. Tools to better interpret development issues.

EET 504: Development Theories and Strategies

Development theories: The orthodox and unorthodox schools of development. Traditional growth models: Harrod, Solow, Lewis and the New Growth Theory. The structuralist approach. Centre-periphery and dependency models. Poverty and income distribution. Unbalanced development path. Pro-poor macroeconomic policies for development. Development in a small open economy, the balance of payment constraint and foreign finance. International economics for development.

EAE 539: International Economics for Development and Cooperation (New)

Demographic and Economic Indicators. Historical shifts in focus on development strategy; from Economic growth to the MDGs. Demographic trends. Economic classification of regions and countries; income distribution and poverty. Post World War II economic growth experience. The Asian model. Investments and capital accumulation. Foreign trade. Differing experiences of economic integration: focus on Sub Saharan Africa; the role of natural resources. Finance for Development: Aid, Foreign Direct Investment, Remittances.

Second Semester Units:

EET 502: Advanced Microeconomic Theory II

Market structure: perfect competition, monopoly, game theory and oligopoly; alternative theories of the firm. Uncertainty, expected utility theory, risk aversion and measurement. General equilibrium and welfare economics. Inter-temporal choice. Market failure: natural monopolies, indivisibilities and increasing returns, externalities, public goods, transaction costs and information failures, the theory of the second-best, the analysis of property rights, adverse selection and moral hazard; rent-seeking and corruption.

EET 503: Advanced Macroeconomic Theory II

Monetary Policy and Fiscal Policy. Financial intermediation and supply for money. Financial repression. Interest rate determination. Fiscal deficit and financing implications. Inconsistency and credibility of money policy. Labour Market, Inflation and Unemployment: Efficiency wages in models of unemployment; Determination of inflation; Short-run and long run Philip curve; Adaptive and rational expectations and policy implications. Growth models. Real business cycle theory. Stabilization policies and structural adjustment in developing countries.

EAE 501: Economic Research Methodology

Types of economic research. Formulation of research problem. The linkage between theoretical structures and testable propositions. Relationships between theory, empirical data, public policy, and research problem; field research methodologies, library research, data verification. Role of models in economic research. Formulation of research hypotheses. Hypothesis testing using empirical data. Data analysis and thesis writing. Introduction to various computer software and their applications.

EAE 540: Human Development (HD) I - Conceptual Foundation and Measurement of HD (New)

Conceptual foundation of HD: the capability approach; pillars of HD; poverty and deprivation. HD Reports: regional and national dimension; appraisal of different frameworks: basic needs, Millennium Development Goals (MDGs), HD Index (structure and application) and other measures; genesis and usefulness of MDGs; Different indicators: inputs, process, outcome sources, definitions, disaggregation, quality issues; thematic and sectoral indicators in assessment and monitoring phase; MDGs Status in Kenya and Sub-Saharan Africa; UN Millennium Project.

EAE 542: Cooperation for Development: Local Development Dimension (New)

Main actors in development cooperation stage: International Non-Governmental Organizations (INGOs), Local Non-Governmental Organizations (NGOs), Civil Society, Community Based Organizations (CBOs), Faith Based Organizations (FBOs), Local Governments, International Organizations (IOs), etc.; Private sector led local development; Microfinance and income generating activities; Relevant issues in Kenya and East Africa: Health policies, Migration and the Question of Refugees, Climate change and food security, Social security.

Third Semester Units:

EAE 541: Human Development II – Human Development Policies (New)

Human Development, economic growth and economic development: policies and performances in Africa with a special focus on Kenya; priorities in the HD agenda; traditional HD policies:

health (including reproductive health), education and standard of living dimensions; frontiers for HD policies as comprehensive and integrated development of human beings and societal institutions: sustainable human development, Information Communication Technologies to foster human development, social innovation.

EAE 543: International Cooperation Projects Design (New)

Project appraisal, need analysis; Logical Framework Approach; Project budgeting and financial planning; Planning and Monitoring & Evaluation; Planning taking into consideration Cross cutting issues: Gender, Environment, Disability; Human rights approach to development; International and local resources for cooperation (fund raising with European Commission (EC), EC delegations, International Organizations (IOs), etc.)

EAE 545: International Cooperation Projects Implementation and Management (New)

Logical Framework Approach; Human Resources selection and management of contracts; Tender management; Audit protocols; Coordination relationships with stakeholders, donors, partners and hand-over procedures; professional ethic; Narrative and financial Reporting; Monitoring & Evaluation: definitions and purposes; Setting-up and implementing an M&E plan and its tools; Methodologies: data selection, collection and analysis; Examples of good practices.

Elective Units:

EAE 546: Disaster Management and Humanitarian Action (New).

Disaster preparedness and Management. Humanitarian Aid: definitions and experiences. Basic needs and complex environments: International Humanitarian Law, 'Humanitarian Space'. Planning aid: identifying needs, understanding culture and contexts, promoting ownership. The Sphere Project; Central Emergency Response Fund (CERF); Good Humanitarian Donorship Initiative; Common Funds for humanitarian Action - Pooled Funds; European Consensus on Humanitarian Aid). Relief, Rehabilitation and Development. Methodologies in Peace Building and Conflict Resolution.

EAE 547: Climate Change and Development (New)

Climate Change and Development: a complex, multidimensional, scientific, socioeconomic, technological and institutional issue. Focus on Climate Change and Agriculture: an interrelated process at a global scale. New challenges for Food Security in developing countries: definitions, actors, strategies and policies. Climate change, the land use and agricultural change. Population growth, and natural resource management.

EAE 548: Urban Development in Africa (New)

Global forces, urban change and urban management. The process of globalization, urbanization and alleviation of poverty. Urban Development in Africa: theoretical approach and operational tools for a sustainable development. Participatory approach to global development: methodologies in Social cohesion, Community Building and Conflict Resolution. Assessing urban poverty, determining the policy issues, making poverty alleviation participatory, infrastructure upgrading, assessing the impacts.

EAE 549: Technology for Development (New)

Unevenness in development, Digital Divide and the origin of Information and Communication Technologies for Development; ICTD: a tool towards Millennium Development Goals; Development in a Network Society: how technologies influence economic actors; Appropriate

technologies in the Global South; ICT and Rural Economic Development; Geographical information system for development; Nairobi: pole for technology expansion in Africa; ICT projects for poverty reduction: case studies and institutional initiatives.

Fourth Semester Unit

EAE 544: Research Project (Equivalent to Four Units)

This is a research project carried out independently by the students. Under the supervision of the department, the student comes up with a research problem and, using the knowledge and the tools provided during the courses, analyses this problem and writes a paper.