



Building Competence and Effectiveness in the Development Processes



**Master of Economics
(Cooperation & Human Development)**

SYLLABUS

FIFTH EDITION

2017/2018



*Empowered lives.
Resilient nations.*



MECOHD

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1. Preamble

The Master of Economics (Cooperation and Human Development) Programme has been developed and is delivered through collaborative efforts between **Kenyatta University**, School of Economics and the **University of Pavia** (Italy), together with their partners:

Cooperation and Development Network (CDN) Italy, **International Committee for Development of Peoples** (CISP) Italy, **Tangaza University College** (TUC) Kenya and **UNDP** Kenya.

The 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 is offered on part time basis i.e evenings (5.30pm – 8.30pm) and/or weekends (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 teacher”, belonging to the partner institutions, which have the responsibility for the teaching activities. He/she may invite other teachers 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)

EESB 703 Quantitative Methods
EET 703 Microeconomics
EETB 704 Macroeconomics
EES 702: Fundamentals of Econometrics

Courses for Master of Economics (Cooperation and Human Development)

First Semester Units:

EET 800: Advanced Microeconomic Theory I
EES 811: Advanced Statistics (New)
EAE 801: Development Theories and Strategies
EAE 840: International Economics for Development and Cooperation
EAE 844: International Cooperation Projects Design

Second Semester Units:

EET 801: Advanced Macroeconomic Theory I
EET 802: Advanced Microeconomic Theory II
EAE 841: Human Development (HD) I: Conceptual Foundation and use of HD
ECO 800: Economic Research Methodology
EAE 845: International Cooperation Projects Implementation and Management

Third Semester Units:

EET 803: Advanced Macroeconomic Theory II
EAE 842: Human Development II - HD Policies
EAE 843: Cooperation for Development: Local Development Dimension
EAE 850: Impact Evaluation for Development Projects and Programs

Elective Unit:

To take one unit from the following:

EAE 846: Disaster Preparedness/Management and Humanitarian Action
OR
EAE 847: Climate Change and Development

Fourth Semester Unit:

ECO 802: Research Project (Equivalent to Four Units)



First Semester

First Semester Units:

EET 800: Advanced Microeconomic Theory I
EES 811: Advanced Statistics
EAE 801: Development Theories and Strategies
EAE 840: International Economics for Development and Cooperation
EAE 844: International Cooperation Projects Design

EET 800: Advanced Microeconomic Theory I

Course Outlines:

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.

32 hours lectures
Unit Lecturer

Prof. Martin Ethiang
Kenyatta University

EAE 801: Development Theories and Strategies

Course Outlines:

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.

32 hours lectures
Unit Lecturer

Dr. Charles Nzai
Kenyatta University

EES 811: Advanced Statistics

Course Outlines:

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.

32 hours lectures
Unit Lecturer

Dr. Susan Okeri
Kenyatta University



EAE 840: International Economics for Development and Cooperation

Course Outlines:

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.

32 hours lectures
Unit Lecturers

Prof. Gianni Vaggi , University of Pavia/CDN

Dr. Gabriella Petrina , CISP/CDN

EAE 844: International Cooperation Projects Design

Course Outlines:

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.

32 hours lectures
Unit Lecturers

Dr. Paolo Dieci , CISP

Dr. Valeria Costa , CISP

6 hours Didactic Seminar: “Human Rights Principles in the Cooperation and Humanitarian Work”

Seminar Lecturers

Dr. Francesco Kaburu , CISP

6 hours Didactic Seminar: “Development Projects on Protection and GBV, and the use of new technologies”

Dr. Nancy Glass , John Hopkins University
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First Semester Workshops and Seminars:

Didactic Seminars/Conferences

Title: “1ST ANNUAL AFRICA'S CONFERENCE ON SOCIAL ENTREPRENEURSHIP”	
Place: Tangaza University College	
Lecturers: Various	
Unit: Open	Duration: 16 hours
Timetable: 9.00 am – 4.00 pm	
Title: “Human Rights Principles in the Cooperation and Humanitarian Work”	
Place: KU City Campus	
Lecturers: Dr. Francesco Kaburu (CISP – East Africa Regional Office)	
Unit: EAE 844	Duration: 6 hours
Timetable: 5.30 pm – 8.30 pm	
Title: “Development Projects on Protection and GBV, and the use of new technologies”	
Place: KU City Campus	
Lecturers: Dr. Nancy Glass (John Hopkins University)	
Unit: EAE 844	Duration: 6 hours
Timetable: 5.30 pm – 8.30 pm	



Second Semester

Second Semester Units:

EET 801: Advanced Macroeconomic Theory I

EET 802: Advanced Microeconomic Theory II

EAE 841: Human Development (HD) I: Conceptual Foundation and use of HD

ECO 800: Economic Research Methodology

EAE 845: International Cooperation Projects Implementation and Management

EET 801: Advanced Macroeconomic Theory I

Course Outlines:

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.

32 hours lectures

Unit Lecturer

Dr. Julius Korir, Kenyatta University

EET 802: Advanced Microeconomic Theory II

Course Outlines:

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

32 hours lectures

Unit Lecturer

Prof. Martin Ethiang, Kenyatta University

EAE 841: Human Development (HD) I - Conceptual Foundation and Measurement of HD

Course Outlines:

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.

32 hours lectures

Unit Lecturer

Prof. Enrica Chiappero, University of Pavia



ECO 800: Economic Research Methodology

Course Outlines:

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.

32 hours lectures

Unit Lecturer

Dr. Perez Onono, Kenyatta University

EAE 845: International Cooperation Projects Implementation and Management

Course Outlines:

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.

32 hours lectures

Unit Lecturers

Dr. Valeria Costa, CISP

Dr. Maura Viezzoli, CISP

6 hours didactic seminar: “Impact Evaluation in practice: the Randomize Trial Control Methodology”

Seminar Lecturers

Dr. Allison Stone, IPA



Second Semester Workshops and Seminars:

Institutional Seminars

Title: CISP POLICIES AND ACTIVITIES IN KENYA AND IN THE REGION Place: KU City Campus Lecturers: CISP representative Unit: Open Timetable: 5.30 pm – 7.00 pm	Duration: 1.5 hours
Title: WF POLICIES AND ACTIVITIES IN KENYA AND IN THE REGION Place: KU City Campus Lecturers: WF representative Unit: Open Timetable: 7.00 pm – 8.30 pm	Duration: 1.5 hours
Title: IPA POLICIES AND ACTIVITIES IN KENYA AND IN THE REGION Place: KU City Campus Lecturers: IPA Representative Unit: Open Timetable: 5.30 pm – 7.00 pm	Duration: 1.5 hours
Title: WATOTO KENYA POLICIES AND ACTIVITIES IN KENYA Place: KU City Campus Lecturers: WK representative Unit: Open Timetable: 7.00 pm – 8.30 pm	Duration: 1.5 hours



Third Semester

Third Semester Units:

EET 803: Advanced Macroeconomic Theory II

EAE 842: Human Development II - HD Policies

EAE 843: Cooperation for Development: Local Development Dimension

Elective Unit:

EAE 846: Disaster Preparedness/Management and Humanitarian Action

OR

EAE 847: Climate Change and Development

EET 803: Advanced Macroeconomic Theory II

Course Outlines:

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.

32 hours lectures

Unit Lecturer

Dr. Julius Korir, Kenyatta University

EAE 842: Human Development II – Human Development Policies

Course Outlines:

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.

32 hours lectures

Unit Lecturer

Dr. Giovanna Prennushi, University of Pavia

3 hours seminar:

“Devolution and Human Development in Kenya - and UNDP Policies and Activities in the Region”

Seminar Lecturers

Kenya Ministry of Devolution and Planning Representative
UNDP Kenya Representative



EAE 843: Cooperation for Development: Local Development Dimension

Course Outlines:

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.

32 hours lectures

Unit Lecturer

Dr. Steve Ouma, Tangaza University College

EAE 846: Disaster Management and Humanitarian Action

Course Outlines:

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.

32 hours lectures

Unit Lecturers

Dr. Michele Leone, IDRC CRDI

Dr. Sandro De Luca, CISP

EAE 847: Climate Change and Development

Course Outlines:

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.

32 hours lectures

Unit Lecturers

Dr. Michele Leone, IDRC CRDI

Prof. Maria Sassi, University of Pavia



Third Semester Workshops and Seminars:

Didactic/Institutional Seminars

Title:	Emergency Policies and IRC Interventions in the Region
Lecturers:	IRC Representative
Unit:	open
Timetable:	5.30 pm – 8.30pm
Duration:	3 hours
Title:	UNEP POLICIES AND ACTIVITIES IN KENYA AND IN THE REGION
Lecturers:	UNEP Representative
Unit:	open
Timetable:	5.30 pm – 8.30pm
Duration:	3 hours
Title:	FAO POLICIES AND ACTIVITIES IN KENYA AND IN THE REGION
Lecturers:	FAO Representative
Unit:	open
Timetable:	5.30 pm – 8.30pm
Duration:	3 hours

Workshops

Title:	“Research Methodologies: Data analysis through Stata ”
Lecturers:	Allison Stones (IPA-Innovation for Poverty Action)
Unit:	Open
Timetable:	
Duration:	15 hours
Title:	“General Algebraic Modeling System (GAMS)”
Lecturers:	Prof Maria Sassi, University of Pavia
Unit:	Open
Timetable:	
Duration:	20 hours



Fourth Semester

Fourth Semester Units:

ECO 802: Research Project (Equivalent to Four Units)

The 4th Semester is equivalent to 4 Units for Field training (Internship) and Research Study.

After the academic portion of the course the students are supposed to conduct a **research project:**

the project is 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.

Each of the students participating in the program is also given the opportunity to do an **Internship:**

The Master provides a service of tutorship for the choice of the Internship and a list of internship options with Local and International NGOs, and also facilitates contacts with International organizations.

Internships must last at least three months during the period September 2016 – May 2017.

The Internship will offer clearly-defined responsibilities for the intern: the host organization will provide a mentor/supervisor to the intern for the internship activities and objectives to be achieved. After the internship, the host organization will evaluate the intern performance.



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