UNIVERSITY OF NAIROBI

HOUSING AND BUILDING RESEARCH INSTITUTE (HABRI)

COLLEGE OF ARCHITECTURE AND ENGINEERING

REGULATIONS AND SYLLABUS FOR THE DEGREE OF MASTER OF URBAN MANAGEMENT (MUM)

(PARALLEL PROGRAMME)
1.0 INTRODUCTION

A paramount challenge for the new millennium is “The Management of Rapidly Expanding Urban Areas (Cities and Towns) in the South”. It is imperative, therefore, that governments train managers for this challenge. Urban management calls on a range of disciplines and interests: architects, planners, engineers, economists, sociologists, managers and many others are involved. It further demands practices that range from development of theory, through decisions on site and supervision, to policy formulation and articulation. The course is intended to provide the requisite solid and balanced academic teaching (including theory and research methods) and professional and practical training relevant to urban management in Kenya and other countries in East Africa and the region. Candidates from various educational and occupational backgrounds will be eligible for the course, including professionals and paraprofessionals in the urban development process and others with experience in relevant occupations, especially those working in central or local government, voluntary agencies or private firms concerned with planning, provision of services or construction. The course aims primarily at those who wish to pursue a career in urban management in Kenya and other countries.

The specific objectives of the Master of Urban Management (MUM) programme are thus enable the student to:

a) Acquire knowledge and expertise in key aspects of urban management;

b) Deepen the understanding of the multidimensional and dynamic aspects of urban management;

c) Develop an understanding of the spatial issues, knowledge and skills needed to design for the functional, aesthetic, social and cost needs of urban communities;

d) Deepen the understanding of specific methodological areas;

e) Develop competence in the management of municipal and metropolitan development;

f) Appreciate interventions which reflect context responsive concepts of sustainable development and deal with different levels of the urban environment;

g) Relate to exchange and feedback between practice and academic theory.
2.0 REGULATIONS

The common regulations for the Masters degrees in all faculties of the University of Nairobi shall be applicable.

3.0 ENTRY REQUIREMENTS

The following shall be eligible for admission into the degree of Master of Urban Management (MUM):

(i) A holder of a degree of at least Upper Second Class Honours in Architecture, Building Economics, Land Economics, Engineering, Commerce, Economics, Geography, Government, Law, Social Work, Sociology, Urban and/or Regional Planning or any other relevant discipline from the University of Nairobi or any other institution recognized by Senate as being of comparable academic status;

(ii) A holder of a degree of at least Lower Second Class Honours in any of the degree categories specified in (i) above with a relevant Postgraduate Diploma or other equivalent qualifications from the University of Nairobi or any other institution recognized by Senate as being of comparable academic status or with at least two (2) years of relevant work experience;

(iii) A holder of a degree in degree categories specified in (i) above with a credit pass in a relevant Postgraduate Diploma or other equivalent qualifications from the University of Nairobi or any other institution recognized by Senate as being of comparable academic status or with at least four (4) years of relevant work experience.

4.0 COURSE STRUCTURE AND DURATION

(a) The programme shall be covered in a period of up to fifteen (15) semesters and will involve study by course work, examinations and a research project.

(b) A candidate shall be allowed to take a minimum of two (2) courses and a maximum of six (6) courses per semester.

(c) There shall be twelve (12) compulsory (core) courses and five (5) electives which all candidates will be required to take.

(d) After completing all the core courses candidates may be allowed to undertake a research project paper. The project, once started, will have to be completed within, at most, two (2) semesters.

(e) Each course shall be taught for a period of forty-five (45) contact hours, except Urban Project Design and Implementation which will entail ninety (90) contact hours.
5.0 TRANSFER OF CREDITS

Applicants who wish to transfer coursework credits for similar courses taken in other institutions may, on recommendation of the Institute Academic Board and approval by Senate, be allowed to transfer credits up to a maximum of one-third of courses offered in the programme. Applications for credit transfer will be made on payment of prescribed fees to the Board of Postgraduate Studies, giving details of the subject for which credit is sought. The Institute may administer an assessment test as appropriate.

6.0 COURSE OUTLINE

6.1 Core Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>W701</td>
<td>Management Practice</td>
<td>45</td>
</tr>
<tr>
<td>W702</td>
<td>Urban Economics</td>
<td>45</td>
</tr>
<tr>
<td>W703</td>
<td>Urban Politics and Governance</td>
<td>45</td>
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<td>W704</td>
<td>Urban Public Finance</td>
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<td>W705</td>
<td>Urban Land Policy and Management</td>
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<td>W706</td>
<td>Urban Infrastructure Management</td>
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<tr>
<td>W707</td>
<td>Housing in Urban Development</td>
<td>45</td>
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<tr>
<td>W708</td>
<td>Urban Environmental Management</td>
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<tr>
<td>W709</td>
<td>Urban Poverty</td>
<td>45</td>
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<tr>
<td>W7010</td>
<td>Local Economic Development</td>
<td>45</td>
</tr>
<tr>
<td>W7011</td>
<td>Research Methods and Computer Applications to Urban Management</td>
<td>45</td>
</tr>
<tr>
<td>W7012</td>
<td>Urban Project Design and Implementation</td>
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6.2 Elective Courses

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>W7013</td>
<td>Urban and Regional Development Theory</td>
<td>45</td>
</tr>
<tr>
<td>W7014</td>
<td>Applied Techniques for Urban and Regional Analysis</td>
<td>45</td>
</tr>
<tr>
<td>W7015</td>
<td>Urban Planning Theory</td>
<td>45</td>
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<tr>
<td>W7016</td>
<td>Urban Design Theory</td>
<td>45</td>
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<tr>
<td>W7017</td>
<td>Microeconomics for Urban Management</td>
<td>45</td>
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<tr>
<td>W7018</td>
<td>Macroeconomics for Urban Management</td>
<td>45</td>
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<tr>
<td>W7019</td>
<td>Real Estate Development</td>
<td>45</td>
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<tr>
<td>W7020</td>
<td>Urban Transportation</td>
<td>45</td>
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<tr>
<td>W7021</td>
<td>Urban Sociology</td>
<td>45</td>
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<tr>
<td>W7022</td>
<td>Urban Social Community Services and Amenities</td>
<td>45</td>
</tr>
<tr>
<td>W7023</td>
<td>Statistical Methods for Urban Management</td>
<td>45</td>
</tr>
<tr>
<td>W7025</td>
<td>Local Government Management</td>
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6.3 Research Project

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<thead>
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<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>W7024</td>
<td>Research Project (Compulsory)</td>
<td>180</td>
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</table>
7.0 EXAMINATION REGULATIONS

7.1 Taught Courses

(a) Candidates SHALL be required to take a minimum of two (2) and a maximum of six (6) examination papers in each semester.

(b) All candidates shall be required to take and pass a total of seventeen (17) examination papers before being allowed to proceed to do the Research Project.

(c) Each course shall be examined through a three (3) hour written examination paper at the end of the semester in which the course is taught.

(d) The final written examination shall account for sixty percent (60%) of the marks in each course, while continuous examination shall account for the remaining forty percent (40%).

(e) Continuous assessment shall comprise assignments, semester papers, seminar presentations and such other tests as may be given during the semester.

(f) The pass mark for each course shall be fifty percent (50%).

(g) A candidate who fails in any paper may, on the recommendations of the Institute Board of Examiners and approval by Senate, be allowed to take up to two (2) resit examinations in the failed paper(s) during the next ordinary examination times before they can be allowed to start the Research Project.

(h) A candidate who fails in a second resit examination, or fails to take resit examinations during the following ordinary examinations, without prior notice to Senate of good cause preventing sitting of the examinations, or fails to complete satisfactorily all the degree requirements within the stipulated study period of fifteen (15) semesters shall be discontinued from the programme.

7.2 Research Project

(a) Each candidate shall undertake a Research Project in an area germane to urban management.

(b) For purposes of examination regulations, the Research Project shall be considered to be equivalent to four (4) courses.

(c) Once the Research Project has been started, it must be completed within two (2) semesters.

(d) The pass mark for the Research Project shall be fifty percent (50%).

(e) A candidate who fails in the Research Project shall be allowed to submit a revised project for examination up to two (2) times.

(f) A candidate who fails in the second revised project, or fails to resubmit a revised Research Project without prior notice to Senate showing good cause preventing the resubmission of the Research Project, or fails to complete satisfactorily all the
degree requirements within the stipulated study period of fifteen (15) semesters shall be discontinued. However, a candidate may be allowed to complete the Research Project if it was started six (6) months before the expiry of the stipulated study period of fifteen (15) semesters.

8.0 MAINTENANCE OF STUDENT STATUS

If a student has to interrupt his/her study, they must inform the Board of Postgraduate Studies in writing at least two (2) months before the start of the semester(s) in which they wish to suspend studies. To maintain student status, one will be required to pay a non-refundable annual registration fee if they are going to be away for a period of more than one year.
9.0 COURSE DESCRIPTIONS

9.1 CORE COURSES

W701: Management Practice

W702: Urban Economics

W703: Urban Politics and Governance

W704: Urban Public Finance
W705: Urban Land Policy and Management

W706: Urban Infrastructure Management

W707: Housing in Urban Development

W708: Urban Environmental Management

W709: Urban Poverty
Defining and measuring urban poverty. Profile of poverty. The scale and characterization of urban poverty in the South. The relationship between urban development and planning regulations and urban poverty. Consequences of urban poverty. Poor urban families, households and communities. Interrelationship between urban poverty, housing and environment. Survival strategies of the urban poor. Conventional approaches to urban poverty alleviation. Programmes and strategies in urban poverty reduction.
W7010: Local Economic Development

W7011: Research Methods and Computer Applications to Urban Management

W7012: Urban Project Design and Implementation
This course will involve student participation and presentations.
The purpose of the Urban Project Design and Implementation course is to give the students an opportunity to apply practically knowledge that has been gained in the core courses. The course aims to develop further some of the ideas generated in the core courses with the objective of providing students with insights of contemporary approaches to the description and analysis of a variety of situations and to raise questions of Urban Project Design and Implementation.
Project background: socioeconomic and political context. Project formulation; project rationale; objectives and scope at project appraisal stage; financing arrangements; evaluation methodology and approach. Project implementation and achievements: project loan and finance effectiveness; implementation schedule; costs of project, Logical framework approach. Consistency with strategies and policies. Institutional performance and monitoring. Project impact and evaluation: impact of policy reforms; socioeconomic impact; institutional impact; environmental impact. Performance ratings. Project sustainability.
9.2 ELECTIVES

W7013: Urban and Regional Development Theory
Major theoretical contributions to the understanding of intraregional and intraurban distribution of population and economic activity. The theory of urban spatial organization. Urbanization, city distributions and city locations: systems of cities. Economic, technological, and social factors leading to urbanization and various kinds of spatial organization. Spatial organization of urban and regional social systems. Population distribution, migration, location of industry and economic activity. Globalization, urbanization and economic growth.

W7014: Applied Techniques for Urban and Regional Analysis
Theory and method in urban and regional analysis. Analytical techniques for urban management. Surveys, analyses, and plan making techniques for guiding physical development of urban areas. Location requirements, space needs, and interrelations of land uses (emphasis on residential, commercial, and industrial activities and community facilities; housing; and neighbourhood conditions). Physical development models and tools. Predictive and estimating models. Optimizing models. Cost-benefit analysis in urban and regional planning. Simulation. Urban information systems.

W7015: Urban Planning Theory

W7016: Urban Design Theory
Introduction to urban design. Theory and methods in urban design. Principles and practice of urban design. Building and urban design in development. Urban design implementation. Urban land-use development. Spatial systems and aesthetics. Public and private implementation of urban design plans. Application of urban design and town planning techniques to specific contemporary problems of urban design.

W7017: Microeconomics for Urban Management
Formulation and implementation of models of consumer behaviour; individual choice and demand for goods; inter-temporal decision-making, decisions under uncertainty, social and ethical decisions, and applied demand analysis. Household supply of labour of varying skills. Formulation and implementation of models of firms: demand for inputs, pricing of factors of production, non-price competition and optimal combination of inputs; supply of goods, services and higher order capital resources: externalities in production, managerial discretion and profit maximization. Continuous and discrete choices of demand supply, general equilibrium and welfare.
W7018: Macroeconomics for Urban Management
Theory and empirical evidence of major indicators of macroeconomic performance including growth, productivity and technical change, saving and investment, government revenue and expenditure, money and credit, incomes, prices and inflation, private and public consumption, balance of payments, and unemployment. Policy under certainty-equivalence; choices among policies, targets and instruments; theory of policy under uncertainty; policies for internal and external balance, and policy responses in business cycles. Construction and use of computerized models for analyzing macro-economic fluctuations, preparing and evaluation forecasts, and appraising quantitative policies for stability, equilibrium and growth.

W7019: Real Estate Development

W7020: Urban Transportation

W7021: Urban Sociology
Principles of social order; dynamics of change. Social policy. Social networking: urban social interaction; communication and organization; racial and ethnic integration in the city; societal interrelations. The family in the African city. Recent urban social movements: non-governmental organizations (NGOs); civil society organizations; community based organizations (CBOs); religious organizations. The organizing factors for urban areas: capital and institutions of employers; labour and wage labour organizations and movement. Urban gatekeeping: central and local government; leadership patterns at community level. Social disintegration and re-integration: crime and delinquency; destitution.
W7022: Urban Community Services

W7023: Statistical Methods for Urban Management

W7025: Local Government Management

9.3 RESEARCH PROJECT

W7024: Research Project
Each candidate shall complete an in-depth study and analysis of a particular topic related to one of the major areas of study within the Master’s Programme and submit a Research Paper. The selection of the topic and the writing will be conducted under close supervision of a member of staff of HABRI or a member of staff of some associated department.