

# CURRICULUM

CODE	DESCRIPTIVE TITLE	UNITS
<b>CORE COURSES</b>		
MUM 204	Methods of Research in Urban Management	3
MUM 205	Research Presentation and Publication	3
MUM 206	Urban Management Theory and Practice	3
<b>MAJOR COURSES</b>		
MUM 211	Urban Landscape Dynamics: Environment, Resources, Population, and Externalities	3
MUM 221	Urban Development and Administration in the Philippines	3
MUM 231	Land Use Planning and Resource Economics in Urban Development	3
MUM 241	Environmental Impact Assessment: Perspectives from the Natural and Social Sciences in Urban Planning and Development	3
MUM 251	IT in Urban Management	3
MUM 261	Fundamentals of Ecology	3
MUM 271	Basic Economics (Ecological, Environment, Resource)	3
MUM 281	Ecosystem Structure and Dynamics	3
MUM 291	Urbanization Contemporary Issues/ Contemporary Issues in Environment and Development	3
<b>ELECTIVE COURSES</b>		
MUM 216	Ethnicity and Cultural Solidarity	3
MUM 217	Gender and Urbanization	3
MUM 218	Urban Management Analytics and Modelling	3
MUM 219	Urban Planning and Management for Disasters and Climate Change Impacts	3
<b>MASTER'S THESIS</b>		
MUM 300-A/MUM 301-A	Thesis A	3
MUM 300-B/MUM 301-B	Thesis B	3
<b>MASTER'S PROJECT</b>		
MUM 300-A/MUM 301-A	Master's Project A	3
MUM 300-B/MUM 301-B	Master's Project B	3
<b>CURRICULUM REQUIREMENTS TO FINISH THE DEGREE</b>		
CORE COURSES		9
MAJOR COURSES		15/21
ELECTIVE COURSES		6
MASTER'S THESIS		6
MASTER'S PROJECT		6
<b>TOTAL</b>		
THESIS TRACK		36
NON-THESIS TRACK		42

# FEES

PARTICULARS	AMOUNT (PHP)
Admission Fee (new student):	
Local	100
Foreign	1,500
Tuition Fee Per Unit	450
Developmental Fee	100
Online Fee:	
OFW / Foreign	5,000
Internet Fee	300
Medical Fee	100
Library Fee	350
ID Fee	186
Miscellaneous Fee	100

## VISION

BSU as an international university engendering graduates to walk through the intergenerational highways

## MISSION

BSU CARES to Challenge innovation; Advance technology and facility; Revitalize administration; Engender partnership; and Serve intergenerational roles

## GOALS

1. To offer through distance learning degree and non-degree programs that are responsive to the needs of learners and the society of which they are part;
2. To develop a system of continuing education to sustain professional growth and promote life-long learning;
3. To develop and adapt delivery systems appropriate to distance learners
4. To provide leadership in development of open and distance education expertise;
5. To make instructional packages accessible to all public through collaboration, institutional agreement, and other appropriate mechanisms.

## CONTACT US

-  BSU Open University
-  open.university@bsu.edu.ph
-  0915 152 8703
-  ou.bsu.edu.ph



**“Bringing quality and affordable education to your doorsteps.”**

**MASTER IN URBAN MANAGEMENT**



**BSU CARES**



# ABOUT THE PROGRAM

## PROGRAM DESCRIPTION

The program of Master in Urban Management (MUM) addresses sustainable development and human well-being in the urban landscape over time cognizant to the attainment of the SDGs amidst various externalities. Graduates shall be equipped with analytical skills enabling them to integrate intersectionality issues and opportunities with contemporary technologies in addressing urban complex problems.

## MODE OF INSTRUCTION

A combination of self-study modules and synchronous session at designated learning centers/ (online) will be provided to participants once a month in a semester. Field activities, assignments, and examinations will supplement this.

# COURSE DESCRIPTION

## MUM 204 METHODS OF RESEARCH IN URBAN MANAGEMENT

This course prepares the students in the Graduate level for research in the academe and in the field. Different research methods used in Community Health Development are introduced. Quantitative, Qualitative, or Mixed research designs are discussed in detail, with examples in contrived and actual/field settings. Alignment between problem statements and research methodologies (design, sampling, instrumentation and data gathering procedure) are emphasized that will improve the relevance, coverage and quality of the research.

## MUM 205 RESEARCH PRESENTATION AND PUBLICATION

Statistics and its uses in research are introduced in this course together with various statistical software and applications used in data analysis are presented in the earlier parts of this course. Such is geared towards equipping the students with tools necessary for defense, presentation and publication requirements of their research outputs. As culmination, a form of research is designed as an avenue for the research output presentation and dissemination.

## MUM 206 URBAN MANAGEMENT THEORY AND PRACTICE

This course lay down the foundation for urban managers presenting the fundamentals of sustainable planning and development with emphasis on ecological, social and economic aspects in the urban landscape.

## MUM 211 URBAN LANDSCAPE DYNAMICS: ENVIRONMENT, RESOURCES, POPULATION, AND EXTERNALITIES

A holistic understanding of the urban human ecological system basic components, and how each contribute to a complex interaction that defines the condition of an urban landscape. It provides a system-oriented understanding to redress urban environmental degradation, and includes integration of guidelines for the resolution of complex environmental problems with consideration of ecological concepts, human intersectionality and disaster risk amidst climate change.

## MUM 221 URBAN DEVELOPMENT AND ADMINISTRATION IN THE PHILIPPINES

This course dissects a whole range of governmental functions related to urban planning, development and administration. It presents the country's governance system, Philippines plans hierarchy and linkages, administrative structures and processes, alongside with pertinent laws and/or policies in urban management. It also includes the integration of non-formal laws and indigenous knowledge and practices at the local government levels.

## MUM 231 LAND USE PLANNING AND RESOURCE ECONOMICS IN URBAN DEVELOPMENT

This course presents theories, analytical frameworks and processes involved in spatial planning. It focuses on sustainable allocation of land and other natural resources based on societal needs, and for the continuity of functional urban landscape. It includes putting monetary values on environmental goods and services for better decision, planning and policy making towards a desired land use plan.

## MUM 241 ENVIRONMENTAL IMPACT ASSESSMENT: PERSPECTIVES FROM THE NATURAL AND SOCIAL SCIENCES IN URBAN PLANNING AND DEVELOPMENT

Understanding concepts, processes and application of current and potential sustainability assessment tools in urban development at the policy and project level. Frameworks and processes for environmental impact assessment of the biophysical and socioeconomic systems; ecological, social and ethical bases of EIA; risk assessment and management; mitigation of negative impacts and enhancement of positive impacts; and, adaptation to externalities.

## MUM 251 IT IN URBAN MANAGEMENT

This course will mainly deal with GIS on available formats and tools from open source with emphasis on QGIS. In the practical part of the course, students will create and administer GIS exercise with applications from open source. The course will start with brief introduction to GIS and ends with a project activity that will engage the students to self-learn practical application of GIS. By completing the course, the students will have basic knowledge about GIS and some GIS products that are available from open source and have knowledge on how they can be used in their respective organization.

## MUM 261 FUNDAMENTALS OF ECOLOGY

This course will provide the necessary background to explore the myriad interactions among organisms and their environment. This will include interaction between organism and the environment. It will also explore on the relationship between abiotic and biotic components of an ecosystem. This course will provide students with necessary background to pursue advanced graduate courses in ecology.

## MUM 271 BASIC ECONOMICS (ECOLOGICAL, ENVIRONMENT, RESOURCE)

This course will tackle on the field of environmental economics. This will include policy interventions that would capture environmental externalities along economic growth of a community. It would also look into the regulatory measures and policies used to look into environmental pollution brought by economic activities.

## MUM 281 ECOSYSTEM STRUCTURE AND DYNAMICS

This course provides an introduction to the ecosystem ecology looking at how ecosystems are structured and function. The course looks into the dynamic nature of ecosystems, which often behave as complex systems. Emphasis is placed on ecosystem processes that also have significance at landscape, regional, and global scales. Finally, current land use practices and issues in forests, rangelands, wetlands, cropland and urban ecosystems will be examined.

## MUM 291 URBANIZATION CONTEMPORARY ISSUES/ CONTEMPORARY ISSUES IN ENVIRONMENT AND DEVELOPMENT

This course introduces students to the major drivers of urban growth, changes in the community, and strategies used to both better manage and direct such growth. Specifically, it will examine the interface between development and environment issues in a global and international context. The theoretical and application between environment and development issues and processes, and the multiple dimensions of sustainability and their conflicts and contradictions, are discussed. Lastly, the course investigates the various dimensions of sustainability, and covers major environmental issues, such as climate change and water security.

## MUM 216 ETHNICITY AND CULTURAL SOLIDARITY IN DIVERSITY

This course presents the realization that any place/ country in the planet, has diverse communities and societies, which needs consideration and application of varied approaches in urban management.

## MUM 217 GENDER AND URBANIZATION

Integration of gender consideration in urban development policies, programs and/or projects. This will include discussion on various gender tools to achieve a gender responsive urban management (planning and development).

## MUM 218 URBAN MANAGEMENT ANALYTICS AND MODELLING

This course will present basic and advance data analysis tools that can be used in decision making in urban management. This will include tools needed to codify and analyze raw data in finding patterns that can be utilized in drawing conclusion for enhancing any urban related management.

## MUM 219 URBAN PLANNING AND MANAGEMENT FOR DISASTERS AND CLIMATE CHANGE IMPACTS

This course presents the basic concepts and approaches to climate change and disaster management. It shall provide rationality of in-depth understanding of disasters and climate change issues in urbanization. It shall facilitate this factors integration and application in urban management (development planning and implementation).

## MUM 300-A THESIS A

Independent research study in consultation with the advisory committee is a must. This course requires the student to write his/her thesis proposal and be able to defend it.

## MUM 301-B THESIS B

Independent research study in consultation with the advisory committee is a must. This course requires the student to write, defend and bind his/her final manuscript.

## MUM 300-A PROJECT A

This course intends to enhance and fine-tune his/her project management capabilities by planning a project related to their degree program for implementation and evaluation in the succeeding semester. This course enables them to put into practice the management theories and concepts that they learned from their respective degree programs.

## MUM 301-B PROJECT B

Under the guidance of the students' advisers, this course facilitates the implementation, documentation and reporting of the results of the approved Development Project Proposal/Outline. The implementation starts with organizing the resources to be used including linkages with the project stakeholders identified in the Proposal as partners, co-implementers and beneficiaries.