

Name of Programme	MASTER OF SCIENCE IN URBAN DESIGN
Duration	1 and ¹ / ₂ years
Minimum Credit Load	312
Maximum Credit Load	320
ZNQF Level	Level 9

Entry Requirements	Tick
Normal Entry: An honours degree in the following disciplines: Architecture, Rural and Urban Planning, Property Development and Estates Management and Civil Engineering. Other programmes offered in the Built Environment shall be considered on individual merits. A minimum overall pass of lower second class (2.2).	√
Special Entry	
Mature Entry	
Other (indicate)	

LEARNING OUTCOMES
Demonstrate knowledge and understanding of Urban Design fundamentals
Apply value chain in terms of practice, technology applications and the associated products
Demonstrate knowledge on capitalisation on all situations that have the potential for development into business and entrepreneurial ventures
Share and spread knowledge through formal teaching and other informal channels such as seminars, workshops, exhibitions, symposia, etc.
Yield supervisory and management skills of urban environs

Develop best practice and technologies that enhance efficiencies and outputs of the sustainable city development.

Programme Assessment (Describe and indicate percentage [%])		
Coursework	50%, 100%	
By thesis		
Written Examinations	50%	
Other		
Basis of Allocating Credits		
Activity	Time in Hours	Credits
Contact Time/Time on task		
Lectures	576	57.6
Tutorials	40	4.0
Field Visits	88	8.8
Practical	1254	125.4
Scheduled Assessment Time		
Final written examinations	24	2.4
In-class tests	16	1.6
Orals	23	2.3
Practicals	19.9	1.99
Independent Study Time		
Preparation for scheduled sessions	227	22.7
Reading	272	27.2
Written assignments	242	24.2
Revision Work	214	21.4
Maximum Credits for the 80% Courses /Modules Threshold	312	

NB: Please refer to the ZIMCATS Document for further guidance

Summary of Modules arranged in logical sequence, and allocation of Notional Hours and Credits	
Module name	Total Notional Study Hour Credits
STAGE I	88 CREDITS
BUD 5101 Urban Design Theory	16 Credits
BUD 5102 Policy Analysis for Urban and Infrastructure Development and Management	14 Credits
BUD 5103 Ecological-based Design	14 Credits
BUD 5104 Urban Design Studio I	30 Credits
BUD 5105 Urban Design Methods and Techniques	14 Credits
STAGEII	74 CREDITS
BUD 5202 Research Methods for Urban Design	12 Credits
BUD 5203 Urban Design Studio II	30 Credits
BUD 5204 Issues in Contemporary Urban Design	18 Credits
BUD 5205 Application of Geographic Information Systems in Urban Design	12 Credits
STAGE III	140 CREDITS
BUD 6101 Urban Design Project	60 Credits
BUD 6102 Dissertation	80 Credits
<i>* One elective will be offered per semester provided a minimum of five students sign up for the module and are also subject to the availability of resources and teaching staff.</i>	
BUD 5106 Transportation Planning and Management	10 Credits
BUD 5107 Project Planning and Management	10 Credits
BUD 5108 Professional Practice for Urban Design	10 Credits

MODULE SYNOPSES (For all the 80% Modules Threshold. **NB:** Synopses are very central in that these are summaries of the key concepts to be taught in each module.)

MODULE	SYNOPSIS
BUD 5101 Urban Design Theory	<p>This course covers theories that inform urban design, and main economic forces that lead to the existence of cities and regional agglomeration, theories of composition of mass and space, theories of collage city, space syntax and finding los space in explaining physical shape of cities. It studies the economics of cities and urban problems by understanding the effects of geographic location on the decisions of individuals and firms.</p>
BUD 5102 Policy Analysis for Urban and Infrastructure Development and Management	<p>Against relevant aspects of land use theory and implications for site planning, the course introduces the principles and practice of site planning and infrastructure design for large urban developments. Topics include reclamation, land use and density thresholds, settlement capacity, infrastructure master planning, utilities planning, site layout and future design trends.</p>
BUD 5103 Ecological Based Design	<p>The course aims at introducing students to issues of environmental awareness with regards to the impacts of human activities and strategies for coping with the changing environment. The course is conducted through lectures, case studies and seminars. The following broad topics are relevant: the ecology, preservation, conservation, reliance and sustainability of the environment; The design of environmental spaces both external and internal spaces versus natural environment.</p> <p>Continuous Assessment- 100%</p>
BUD 5104 Urban Design Studio I	<p>Introduction to urban design graphics and computer aided design: an introduction to basic drafting, graphics and computer-related tools and techniques in professional practice. The module shall cover: two urban design projects</p> <p style="text-align: center;">Project I</p> <p>a series of sessions encompassing practical drawing and sketches of urban design proposals for selected sites in Zimbabwe.; and</p> <p style="text-align: center;">Project II</p> <p>A group project which will normally be a real-life large-scale urban design and development project involving land reclamation and infrastructure provision leading to a 3-D built form. Designed to professional standards involving relevant urban</p>

	<p>design theory and implementation criteria and conducted with participation of professionals in both public and private sectors.</p> <p>Continuous Assessment- 100%</p>
BUD 5105 Urban Design Methods and Techniques	<p>The course covers basic theory and practice of urban design. Topics include history of urban form; buildings and spaces; urban design analysis; urban design approaches; efficiency of urban design and evaluation criteria; case studies. A student shall not proceed to do Principles and Practice of Urban Design II before clearing this course.</p> <p>Continuous Assessment- 100%</p>
BUD 6101 Urban Design Project	<p>This is an in-depth urban design project based on a specific urban case study. The expected work at this level is of advanced standing and allows an in-depth exploration of complex design problems. In addition, it must be conducted in collaboration with city agencies addressing identified needs.</p> <p>Continuous Assessment- 100%</p>
BUD 5202 Research Methods for Urban Design	<p>The course focuses on various methods and techniques fundamental in data collection, analysis and presentation. The overall objective of the course is to impart skill to students that can assist them in preparing technical reports and dissertations.</p> <p>Continuous Assessment- 100%</p>
BUD 5203 Urban Design Studio II	<p>Urban design project 3: a series of sessions encompassing the practical management and implementation of urban design proposals involving larger sites, considering issues such as land acquisition, planning approvals, concept development, financing, the consultancy team, construction, marketing among others.</p> <p>Continuous Assessment- 100%</p>
BUD 5204 Issues in Contemporary Urban Design	<p>This is a cross cutting course in which seminars introduce students to the designing and management of urban places. The focus is on issues arising in current urban design practice. The subject matter includes current contexts for urban design; the role of urban design in the development process; different urban design roles and levels of influence; public sector urban design, framework plans, design guidelines and implementation strategies. The module addresses urban economic analysis in the planning and development of urban areas from the point of view of practitioners and community studios</p>

	<p>in the field as well as feedbacks. During the course of the semester, each student will prepare a thesis proposal. The course emphasizes citizen and community participation frameworks in urban planning, design and sustainable development and management.</p> <p>Continuous Assessment- 100%</p>
<p>BUD 5205 Application of Geographic Information Systems in Urban Design</p>	<p>This course builds on spatial land-use analysis techniques. Focus is on the advanced theory and practice of Geographic Information Systems (GIS); GIS applications; design and implementation of GIS applications.</p>
<p>BUD 6102 Dissertation</p>	<p>This is an in-depth investigation of urban design or development issues which relate directly to the physical planning problems and potentials of urban areas. The topic chosen should be both academic and practical in nature and a report not exceeding 20,000 words or equivalent is required.</p>
<p>Elective Courses</p>	<p>Only two electives will be selected from the following list: (Candidates will not be permitted to choose elective courses they have already studied).</p>
<p>BUD 5106 Transportation Planning and Management</p>	<p>Focus is on the traditional transport study which focuses on trip generation, trip distribution, modal distribution and trip assignment; land-use modeling; the town and regional planner's contribution to transport planning.</p>
<p>BUD 5107 Project Planning and Management</p>	<p>This course will cover a wide range of issues relating to project planning and control, project internal and external environment, project planning and development, project organization and administration, the project manager's role, project quality management principles, project appraisal, project management techniques, project practice and management. Project management knowledge areas such as cost, scope, time, risk, quality, performance, communication and so forth.</p>
<p>BUD 5108 Professional Practice for urban Design</p>	<p>This course examines practice management and project management in the built environment professions. Topics in practice management include: ethical practice; the character and operation of practices; legal requirements; corruption; running a business; professional memberships and its registration; risk and professional liability; and personal career planning. Topics in project management include project stages; procurement and feasibility; statutory requirements; management</p>

	of time, cost and quality; and contracts and contract administration in private and public realms. Alternative and innovative pathways through the profession are also considered.
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