



**OBAFEMI AWOLOWO UNIVERSITY  
FACULTY OF ENVIRONMENTAL DESIGN AND MANAGEMENT  
DEPARTMENT OF URBAN AND REGIONAL PLANNING**

**PROPOSAL FOR A REVISED CURRICULUM FOR THE UNDERGRADUATE  
PROGRAMME IN URBAN AND REGIONAL PLANNING IN THE DEPARTMENT OF  
URBAN AND REGIONAL PLANNING WITH EFFECT FROM HARMATTAN SEMESTER  
2013/2014 SESSION**

**PROPOSAL**

The Department is seeking approval of the Senate for the Review of the B.Sc Programme in Urban and Regional Planning with effect from Harmattan Semester 2013/2014 Session.

**JUSTIFICATION**

The last review of the B.Sc. Programme of the Department was in 1995. During this period, the field of Urban and Regional Planning has changed significantly. The review of the Department's curriculum is important so as to keep up to the standard the Department is known for and to provide the students with the best materials to enable them compete favourably anywhere in the world. The review, which was carried out with active participation of Alumni of the Department and relevant employers of labour, is expected to make graduates of the Department more competitive. Information obtained from the internet also played a very important role in developing the new programme.

The programme has been packaged to ensure conformity with the minimum standards of the National Universities Commission (NUC) and the Nigerian Institute of Town Planners/Town Planners Registration Council of Nigeria (NITP/TOPREC). The new programme also takes care of the emerging areas of Urban and Regional Planning such as Geographic Information Systems (GIS); Urban Governance; Urban Transport Management Techniques; Social Development Planning; Environmental Hazard and Risk Management and Waste Management Techniques.

**HIGHLIGHTS OF THE REVISED CURRICULUM**

Old Course	New Course	Remarks
<b>Part 1</b>		
	ARC103	Newly introduced outside course
	PHL101	Newly introduced outside course
SSC 101	SSC 101	Outside course
SSC 103	SSC 103	Outside course
SSC 105	SSC 105	Outside course
URP 101	URP 101	Course title changed, course content modified
URP 103	URP 103	Course content modified
	ARC104	Newly introduced outside course
	PHL104	Newly introduced outside course
SSC106	SSC106	Outside course
URP102	URP102	Course content modified
URP104	URP104	Course content modified
URP106	URP106	Course content modified, course unit reduced to 2
URP108		Removed, content in ARC 103 and ARC 104
URP110		Removed, content in URP 103, URP 104 and URP 106
<b>Part 2</b>		
BLD201	BLD201	Outside course
CSC201	CSC221	CSC 221 is more relevant to Urban and Regional Planning than CSC 201
ESM201	ESM201	Outside course
ESM203		Removed, content in GSY 201 and GSY 203
	GSY 201	Newly introduced Outside course
	GSY 20	Newly introduced Outside course
ESM205	ESM205	Outside course
SSC201	SSC201	Outside course
URP201	URP 201	Course content unchanged
URP203		The course now in Part 3 as URP 311
BLD202	BLD202	Outside course
ESM202	ESM202	Outside course
ESM206	ESM206	Outside course
URP202	URP202	Course title unchanged, course content enhanced
URP204	URP204	Course title and content changed
URP206	URP206	Course title unchanged, course content enhanced
URP208	URP208	Course title and course content changed, course unit decreased from 3 to 2, now URP 403
URP210	URP210	Course content unchanged
<b>Part 3</b>		
SSC111	SSC111	Outside course
QTS305	QTS305	Outside course
URP301	URP301	Course content changed
URP303	URP303	Course content enhanced
URP305	URP305	Course content unchanged
URP307	URP307	Course title and course content changed
URP309	URP309	Course title and content changed
	URP311	Formerly URP 203
URP302	URP302	Course content changed

URP304	URP304	Course content unchanged
URP306	URP306	Course content unchanged
URP308	URP308	Course title changed, course content enhanced
URP310	URP310	Course content unchanged
URP312	URP312	Course content modified, course unit changed from 3 to 2
	URP314	Newly introduced course
URP316	URP316	Course title and content unchanged, course unit changed from 3 to 2
<b>Part 4</b>		
ESM309	ESM309	Outside course
URP401	URP401	Course content unchanged
URP403	URP403	Course title and content changed, course unit increased from 2 to 3, formerly URP 208
URP405	URP405	Course content unchanged
URP407	URP407	Course content enhanced
URP409	URP409	Course content unchanged, course unit reduced from 3 to 2
URP411	URP411	Course content enhanced
URP413	URP413	Course content enhanced
<b>Part 5</b>		
ESM503		Removed, content in URP courses (URP 210, 310, 312, 407, 411)
	GSY513	Newly introduced course
URP501	URP501	Course content unchanged
URP503	URP503	Course content enhanced
URP505	URP505	Course content changed, formerly URP 403
URP507	URP507	Course content unchanged
URP509	URP509	Course content unchanged
URP511	URP511	Course content modified
URP513	URP513	Course title and content unchanged
	URP515	Newly introduced course
URP517	URP517	Course content unchanged
ESM504		Removed, content in URP courses (URP 210, 310, 312, 407, 411)
URP502	URP502	Course title and content changed
URP504	URP504	Course title and content changed
URP506	URP506	Course content modified
URP508	URP508	Course content unchanged
URP510	URP510	Course content enhanced and course unit increased from 2 to 3
	URP512	Newly introduced course, formerly URP 515
URP514	URP514	Course title and content changed
URP516	URP516	Course title and content changed, formerly URP 504
	URP518	Newly introduced course, formerly URP514
	URP520	Newly introduced course

# **PROPOSED B.Sc. (HONOURS) URBAN AND REGIONAL PLANNING CURRICULUM**

## **PHILOSOPHY AND OBJECTIVES**

Urban and Regional Planning is the art and science of ordering and managing land uses based on the detailed understanding and analysis of societal needs, goals and objectives within the social, economic and physical environmental framework. It is a professional discipline that is concerned with the formulation, design, implementation and monitoring of land use. It is a broad-based discipline requiring a multi-disciplinary approach and knowledge. Therefore, it requires comprehensive education and training in the planning, design and management of the total environment from both the theoretical and practical perspectives.

The duration of the programme is for five years leading to the award of the Bachelor of Science (Honours) Degree (Urban and Regional Planning). The content of the B.Sc. programme has been widened to provide students with both sound academic and professional training which qualifies them for registration as members of the Nigerian Institute of Town Planners (NITP). The content has also been broadened to adequately prepare the students for the professional examination conducted by the Town Planners Registration Council of Nigeria (TOPREC).

The objectives of the programme are:

- (a) developing students to understand Urban and Regional Planning through the study of theories and methods for planning, designing and managing land-use activities and the environment;
- (b) assisting students to acquire an understanding of the development of social, economic, technological and legislative framework of society within the existing physical, social and economic planning processes, and the potential capacities of that framework for more coherent and relevant collaborative policy formulation and implementation;
- (c) providing students with varied practical experience of realistic planning problems; and
- (d) encouraging the students to develop interest in particular planning skills and research methods.

## **ADMISSION REQUIREMENTS**

- (i) Admission to Part 1 is by the Unified Tertiary Matriculation Examination (UTME). To be eligible for admission, a candidate must have passed, at credit level, the Senior Secondary School Certificate or the General Certificate of Education in NOT less than five subjects at NOT more than two sittings including English Language, Mathematics, Geography and Economics and one other subject taken from Biology, Physics, Chemistry, Technical Drawing,

Fine Arts or Government.

(ii) The minimum requirements for Direct Entry Admission to the degree programme: For a candidate to be eligible for admission into Part 2 of the Programme, the following requirements shall be satisfied:

- (a) The general entry requirements of the University.
- (b) Passes at the Advanced Level of the General Certificate of Education in Mathematics, Geography and one subject from the following: Economics, Physics, Chemistry, Biology, Technical Drawing and Fine Arts with two other subjects passed at Credit level in the SSC/GCE or equivalent as listed for admission to Part 1.
- (c) Holders of National Diploma (ND) or Higher National Diploma (HND) in the fields relevant to Environmental Design and Management can be considered for Direct Entry to Part 2, provided they satisfy the conditions below:
  - (i) that both the Higher National Diploma and the National Diploma (Upper Credit) will be considered as equivalent to two Advanced Level papers;
  - (ii) that the candidates would have passed 5 subjects at SSC/GCE level including English Language, Mathematics, Geography, Economics and any other subject selected from Biology, Physics, Chemistry, Technical Drawing, Government and Fine Arts;
  - (iii) that the candidates scored NOT less than 60% in any subject offered in the ND or HND courses;
  - (iv) that the candidates are adjudged to have obtained equivalent of Advanced Level Mathematics;

(iii) The minimum requirements for special admission to the degree programme:  
Other approved qualifications and those transferring from other Universities/Institutions may be admitted to Part 2, with the condition that any deficiencies in Part 1 core courses will be made up. Otherwise, such candidates will be admitted to Part 1.

(iv) Transfer within the University.

Transfer can be considered under the following categories:

- (a) Transfer from a Science-based Faculty to another cognate Science-based Faculty: when the student is transferring from a Science-based Faculty to another, the computation of his/her results in the new Faculty should take cognizance of his/her previous CGPA in

the computation of his CGPA in the new Department.

- (b) Transfer from a Science-based Faculty to Humanities/Arts-based Faculty or vice-versa. The transfer should be treated as if the student is just being admitted into the University. The GPA of the student will not be transferred to the new Department. He/she will however be required to take all the foundation/compulsory courses in the new Department.

However, in all cases, the transcript of the student will reflect the grades for all courses taken in the University.

### **REQUIREMENTS FOR THE AWARD OF DEGREE**

- a. Candidate admitted through the UTME are expected to spend a minimum of 5 years. Such candidates would require 180 credit units before graduating. Direct entry candidates are expected to spend a minimum of 4 years, and would require 143 credit units before graduating.
- b. The total minimum number of units are:
- (i) 12 credit units of Special Electives to be taken outside the Faculty;
  - (ii) 126 credit units of Urban and Regional Planning courses for UTME candidates, and 114 credit units for Direct Entry candidates;
  - (iii) 25/28 credit units to be taken in the Faculty of EDM; and
  - (iv) 27/30 credit units to be taken outside the Faculty.

**COURSE REQUIREMENTS FOR BACHELOR OF SCIENCE DEGREE  
(URBAN AND REGIONAL PLANNING)**

**HARMATTAN SEMESTER YEAR 1**

<b>CODE</b>	<b>COURSE TITLE</b>	<b>PRE-REQUISITE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
ARC 103	Graphic Communication		0	0	6	2
PHL 101	Introduction to Philosophy		2	1	0	3
SSC 101	Man in his Social Environment		2	1	0	3
SSC 103	Man-Environment Relations		2	1	0	3
SSC 105	Mathematics for Social Scientists I		2	1	0	3
URP 101	History of Urban and Regional Planning		2	1	0	3
URP 103	Nature of Environmental Sciences		1	0	3	2
	2 units of Special Elective		2	0	0	2
	<b>Total</b>		<b>13</b>	<b>5</b>	<b>9</b>	<b>21</b>

**RAIN SEMESTER YEAR 1**

<b>CODE</b>	<b>COURSE TITLE</b>	<b>PRE-REQUISITE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
ARC 104	Introduction to Architectural Graphics	ARC 103	0	0	6	2
PHL 104	Introduction to Philosophy II		2	1	0	3
SSC 102	Man and the Economic Environment		2	1	0	3
SSC 106	Mathematics for Social Scientists		2	1	0	3
URP 102	Population and Urbanization Studies		2	0	0	2
URP 104	Basic Elements of Planning		1	0	3	2
URP 106	Urban Development Planning		2	1	0	3
	2 units of Special Elective		2	0	0	2
	<b>Total</b>		<b>13</b>	<b>4</b>	<b>9</b>	<b>20</b>

**HARMATTAN SEMESTER YEAR 2**

<b>CODE</b>	<b>COURSE TITLE</b>	<b>PRE-REQUISITE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
BLD 201	Building Construction and Materials I		1	0	3	2
ESM 201	Introduction to Valuation I		1	1	0	2
ESM 205	Land Economics I		1	1	0	2
GSY 201	Fundamental Surveying		2	1	0	3
GSY 203	Practical Surveying I		0	0	4	1
SSC 201	Statistical Methods and Sources	SSC 106	2	1	0	3
URP 201	Planning Studio I		0	0	9	3
CSC 221	Computer Appreciation		2	0	3	3
	2 units of Special Elective		2	0	0	2
	<b>Total</b>		<b>11</b>	<b>4</b>	<b>19</b>	<b>21</b>

**RAIN SEMESTER YEAR 2**

<b>CODE</b>	<b>COURSE TITLE</b>	<b>PRE-REQUISITE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
BLD 202	Building Construction and Materials II	BLD 201	1	0	3	2
ESM 202	Introduction to Valuation II	ESM 201	1	1	0	2
ESM 206	Land Economics II	ESM 205	1	1	0	2
URP 202	Planning Studio II	URP 201	0	0	9	3
URP 204	Environment and Behaviour		1	1	0	2
URP 206	Natural Resources and Environmental Planning		1	1	0	2
URP 208	Building and Architectural Design		1	0	6	2
URP 210	Town Planning Laws and Procedures		1	1	0	2
	2 units of Special Elective		2	0	0	2
	<b>Total</b>		<b>9</b>	<b>5</b>	<b>18</b>	<b>19</b>

**HARMATTAN SEMESTER YEAR 3**

<b>CODE</b>	<b>COURSE TITLE</b>	<b>PRE-REQUISITE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
URP 301	Planning Studio III	URP 202	0	0	9	3
URP 303	Housing		2	1	0	3
URP 305	Traffic and Transportation Planning I		2	0	3	3
URP 307	Rural Development Planning		1	0	3	2
URP 309	Regional Development Planning		1	1	0	2
URP 311	Site Selection and Planning		1	0	6	2
	2 units of Special Elective		2	0	0	2
	Subtotal		9	2	21	17
	3 Units of Electives selected from below		2	0	0	3
	<b>Total</b>		<b>11</b>	<b>2</b>	<b>21</b>	<b>20</b>
SSC 111	Introduction to Psychology		2	0	0	3
QTS 305	Building Economics		2	0	0	3



**RAIN SEMESTER YEAR 3**

<b>CODE</b>	<b>COURSE TITLE</b>	<b>PRE-REQUISITE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
URP 302	Planning Studio IV	URP 301	0	0	9	3
URP 304	Industrial Development Planning		1	0	3	2
URP 306	Traffic and Transportation Planning II	URP 305	1	0	6	3
URP 308	Landscape Planning		1	0	3	2
URP 310	Project Planning and Evaluation		1	1	0	2
URP 312	Land Use Planning		1	0	3	2
URP 314	Urban Governance and Physical Planning		2	0	0	2
URP 316	Community Development Planning		1	0	3	2
	2 units of Special Elective		2	0	0	2
	<b>Total</b>		<b>10</b>	<b>1</b>	<b>27</b>	<b>20</b>

**HARMATTAN SEMESTER YEAR 4**

<b>CODE</b>	<b>COURSE TITLE</b>	<b>PRE-REQUISITE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
ESM 309	Law of Contract		2	1	0	3
URP 401	Planning Studio V	URP 302	0	0	9	3
URP 403	Quantitative Techniques	SSC 201	1	1	0	2
URP 405	Urban Design		1	0	3	2
URP 407	Public Utilities and Services		1	0	3	2
URP 409	Urban Renewal Techniques		1	0	3	2
URP 411	Urban Economics and Mgt.		1	1	0	2
URP 413	Research Techniques in Planning		2	1	0	3
	<b>Grand Total</b>		<b>9</b>	<b>4</b>	<b>18</b>	<b>19</b>

**RAIN SEMESTER YEAR 4**

<b>CODE</b>	<b>COURSE TITLE</b>	<b>PRE-REQUISITE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
URP 200	SWEP 200		0	0	9	3
URP 300	SIWES I	SWEP 200	0	0	9	3
URP 400	SIWES II	SIWES I	0	0	27	9
	<b>Grand Total</b>		<b>0</b>	<b>0</b>	<b>45</b>	<b>15</b>

### HARMATTAN SEMESTER YEAR 5

CODE	COURSE TITLE	PRE-REQUISITE	L	T	P	U
GSY 513	GIS Project Planning and Management		2	0	0	2
URP 501	Planning Studio VI	URP 405	0	0	9	3
URP 503	Environmental Impact Assessment		2	0	3	3
URP 505	Management and Planning		1	1	0	2
URP 507	Project Dissertation I		0	0	9	3
URP 509	Planning Seminar		0	2	0	2
URP 511	Professional Practice, Ethics and Procedures		1	1	0	2
	Sub-Total		6	4	21	17
	2 units of Electives chosen from below		1	1	0	2
	<b>Grand Total</b>		<b>8</b>	<b>5</b>	<b>21</b>	<b>19</b>
URP 513	Advanced Regional Planning		1	1	0	2
URP 515	Urban Transport Management Techniques		1	1	0	2
URP 517	Tourism Planning and Development		1	1	0	2

### RAIN SEMESTER YEAR 5

CODE	COURSE TITLE	PRE-REQUISITE	L	T	P	U
URP 502	Planning Studio VII	URP 501	0	0	9	3
URP 504	Waste Management Practices		1	1	0	2
URP 506	Planning Theory and Methodology		1	1	0	2
URP 508	Project Dissertation II		0	0	9	3
URP 510	Planning Control and Settlement of Disputes		1	1	0	2
URP 512	Planning Administration		1	1	0	2
URP 514	Environmental Hazards and Risk Management		1	0	1	2
	Sub-Total		5	4	19	16
	2 units of electives chosen from below		1	0/1	0/3	2
	<b>Grand Total</b>		<b>6</b>	<b>4/5</b>	<b>19/22</b>	<b>18</b>
URP 516	Recreation Planning		1	0	3	2
URP 518	Advanced Landscape Design		1	0	3	2
URP 520	Housing Finance and Policy		1	1	0	2

**Key:**

L = Lectures                      T = Tutorials  
P = Practicals                      U = Credit Units

## **DESCRIPTION OF UNDERGRADUATE COURSES OFFERED IN THE DEPARTMENT OF URBAN AND REGIONAL PLANNING**

### **URP 101 – History of Urban and Regional Planning**

- Survey of human settlements
- Emergence, growth and decline of settlements
- Evolution of historical and legislative contexts of town planning from ancient to modern times
- Influence of philanthropic movements on town planning and public health laws
- Urban and Regional Planning thoughts in Europe, America and Africa
- Influence of Nineteenth and twentieth century concepts on modern urban planning
- Case studies of historic cities like Ibadan, Kano, Sokoto, Benin, Ife, Oyo, Lagos, etc.

### **URP 102 – Population and Urbanization Studies**

- The significance of population studies in Urban and Regional Planning
- Spatial distribution of the population of the world and of Nigeria
- Demographic Variables
- Techniques of population projection.
- Urbanization: nature, trends, rates, effects and patterns
- Implications of urbanization for planning, housing and rural area development.
- Relationship between urbanization and industrialization
- Policies and strategies for urban and regional development in developing countries.

### **URP 103 – Nature of Environmental Sciences**

- The concepts of the environment: human, physical, social and technological environment
- Impact of urbanization on the natural environment
- Factors of environmental degradation and their impacts on natural and man-made environment
- Socio-ecological problems versus industrial development
- Industrialization and deterioration of human environment
- Thoughts on Man-Environment Interactions (Conservation and Preservation, Technocentrism and Ecocentrism)
- Relationship of urban and regional planning to other disciplines

### **URP 104 – Basic Elements of Planning**

- Aims and objectives of urban and regional planning
- Definition and scope of the planning process
- Economic and social factors in town planning
- The development of urban planning theory and urban design
- Information requirements and basic forms of surveys for planning
- The development plan system: local plan (district plan, action area plan and subject plan), master plan and structure plan
- Space standards and detailed planning of central areas
- Neighbourhood concept / environmental areas and civic design.

### **URP 106 – Urban Development Planning**

- Growth, form and dimension of cities after the industrial revolution
- Theories of land use and urban growth
- Urban Land Use Determinants
- Morphology of urban space: components of urban area, core-fringe relationship, urban transportation and land-use components
- The development plan system: local plan (district plan, action area plan and subject plan), master plan and structure plan
- Standards for planning and provision of urban employment facilities using current theories on the development of central business district

### **URP 201 – Planning Studio I**

- Understanding of the components of the urban environment with their detailed physical relationships
- Introduction to the urban foci of intensive activities: functioning, location, physical structure and special problems
- Conduct of surveys in land use to include circulation, parking, conflict points, spatial differentiation, utilities and the general environment
- Discussion of existing problems like congestion, incompatible uses, encroachment and presentation of recommendations for improvement

### **URP 202 – Planning Studio II**

- Residential community/neighbourhood unit: scale and its physical structure.
- Introduction to the concept of planned and integrated development of residential areas
- Spatial differentiation into distinct units neighbourhood: structure and density
- Design of housing layout and plot subdivision as a detailed aspect of neighbourhood planning based on relevant environmental factors (topography, vegetation etc)
- Preparation of a detailed layout of a would-be site, population, densities, site occupancy, etc in two and three dimensional forms.

### **URP 204 – Environment and Behaviour**

- Environmental psychology
- Household behaviour and the environment (residential water use, waste generation and disposal, sanitation and hygiene, residential energy demand,)
- Socio-economic determinants of environmental behaviour
- Pro-environmental behaviour and attitudes
- Environmental policy and household behaviour
- Environmental perception, education, awareness, responsibility and communication
- Human behaviour in the built environment

### **URP 206 – Natural Resources and Environmental Planning**

- Classification of natural resources
- Dichotomy in natural resources spatial distribution
- Natural resources and environmental sustainability
- The concept of ecosystem and ecological balance
- The evolution of modern environmentalism;
- The environmental changes brought about by exploration and exploitation of natural resources
- The broad concept of pollution, i.e. land air pollution, water pollution, chemical and radiation pollution and their effects on the man-made environment.
- Climate change and its environmental and physical planning effects

### **URP 208 – Building and Architectural Design**

- Basic elements of building and architectural design
- Planning requirements for various types of building

- Site investigation and soil surveys
- Building process and site works: choice of site: site investigation, setting out, sequence of building operation, control of building work
- 3-Dimensional Modelling of various types of buildings

### **URP 210 – Town Planning Law and Procedures**

- The origin of Town and Country Planning Law in Nigeria: its nature, scope and contents in the framework of the Nigerian judicial system
- Powers and duties of Planning Authorities: execution of planning scheme, acquisition of land for development, compensation and betterment
- Land tenure system in Nigeria
- The Land-Use Decree (1978) of Nigeria and its implications on Urban and Regional Development legal procedure
- The structure and working of the Nigerian legal system: the courts and their procedure; tribunals and inquires.
- Reference to court for decision in matters relating to, or affecting planning scheme bye laws, acts relating to high ways; public health and industrial locations
- A review of planning laws of selected developing and developed countries and comparison with the town and country planning law of Nigeria.

### **URP 301 – Planning Studio III**

Studio project in layout of specific land uses such as:

- Recreation areas
- Post-primary educational institutions
- Health care facilities
- Commercial centre/complexes

### **URP 302 – Planning Studio IV**

Design of Specialised Land Uses with specific emphasis on:

- Dump sites
- Erosion sites
- Land reclamations
- Urban agriculture
- Replanning of areas destroyed by human and natural disaster

### **URP 303 – Housing**

- The concept of housing
- Characteristics of housing in Nigeria
- Urban housing market
- Rural housing
- Housing standards.
- Housing finance.
- Housing policy: examination of existing housing policies in Nigeria and the world:
- Housing for special needs; public housing, system built estates, cooperative housing.
- Case studies of public and private housing development efforts.

### **URP 304 – Industrial Development Planning**

- Factors affecting the location of industries,
- Assessment of land for industrial land use.
- Design standards for industrial land use; management principles for industrial land use
- Industrial development planning for economic growth, social change and physical improvement.
- Industrial location theories and models
- Role of industrialization in development
- Typology of industrial estates
- Case studies of selected industries and industrial regions
- Industrial layout design and model making

### **URP 305 – Traffic and Transportation Planning I**

- Urban transportation problems.
- Methods of urban transportation studies – data collections, collation, tabulation; analysis and presentation.
- Surveys of traffic volume; origin and destination, accident studies and parking surveys.
- Factors affecting choice of mode; alignment of roads, classification and set backs.
- Methods of traffic forecasting, traffic regulations and control in urban transportation, administrative controls
- Traffic accidents in built up areas and measures to avert same.

### **URP 306 – Traffic and Transportation Planning II**

- Urban transportation Studies: The land use/transport system interpretation
- The urban transportation systems and their inherent problems in developing countries
- Mass Transit Systems in urban centre – surveys, analysis projection of mass transportation terminal facilities – railways station, airports, seaports, bus terminals, *etc.*
- Transport model, usefulness of modelling, trip generation, trip distribution, modal split and traffic assignment models
- Time sharing, physical segregation of traffic (vehicle and pedestrians);
- Parking management strategies
- Formulation of transportation in urban areas
- The concept of highway costs and benefits; highway investments, evaluating high performance and investment

#### **URP 307 – Rural Development Planning**

- Rural Land Use Model.
- Approaches to rural planning and conservation techniques
- Village planning and village policy in the country side
- Social, economic and political objectives and rural sector
- The nature of rural development
- The transport constraints on rural development
- Strategies of rural development
- Rural-Urban relationship: complementary functions, the rural–urban continuum, physical, social and economic structures of a village
- Problems of migration, loss of cultivable land, flooding and water logging, lack of utilities and services; poverty and distress. Need for afforestation, soil conservation and wildlife preservation, transhumance, accessibility of village, inter-village communication
- Village communities in Nigeria: their types and structure
- Rural planning in relation to national and regional policies

#### **URP 308 – Landscape Planning**

- Definition and objectives of landscape design
- Relationship of landscape design to other disciplines
- Landscape elements and landscape design elements



- Landscape design principles and process
- Landscape design consideration for housing, shopping, institutional, industrial, roads, agricultural, forestry, mining, outdoor recreation spaces, open spaces, urban parks, tourist development
- Management and maintenance of landscape projects
- Urban Agriculture and City Greening

### **URP 309 – Regional Development Planning**

- The concept of a region
- The city and its hinterland
- Central Place Theory and its application (distribution and functions of central places)
- Theories and processes / regional development and growth
- Growth pole and growth centres
- Diffusion paths in regional development.
- The role of transportation and information flows in regional development
- Human and environment, dualism and dependency, efficiency, equity and environmental goals
- Problems of measurement in regional development
- Inequalities in regional development and spatial organization.

### **URP 310 – Project Planning and Evaluation**

- Identification, preparation, monitoring and evaluation of public projects and programmes
- Project planning and project implementation
- Network analysis, tools for implementation and control of planning projects
- Pre-project considerations and studies; identification of investment opportunities, feasibility analysis and monitoring, supervision and management of projects, the impact of projects on development objectives, project appraisal; financial aspects (cost benefit analysis, project budget, calculating capital and operating costs) and physical aspects (estimating technological manpower requirements of project design)

### **URP 311 – Site Selection and Planning**

- Definition and scope of site selection

- Factors to be considered in selecting a site to serve given objectives and functional needs
- Site survey and analysis – topography, soil condition, ground water table, vegetation, micro-climate and district features
- Site plan: scale, contents, circulation, utility networks, alignments of roads, streets and side-walk
- Site engineering: building lines, set-back lines, frontages, plot coverage, design standards.
- Site layout preparation for selected human activities and models

### **URP 312 – Land Use Planning**

- Historical development of urban land-use patterns
- Land use and land value
- Their relations in the organization of cities, use determinants: economic, social, public interest and physical characteristics
- Theories of urban structures and land use
- Land tenure systems in Nigeria and their effects on land use planning. Sale, conveyance, mortgage of land, subdivision of family land etc
- The Land Use Decree of 1978 and its implications for land-use planning in Nigeria
- Decision-making process in planning
- Zoning practices and procedure

### **URP 314 – Urban Governance and Environmental Planning**

- The Concept of Urban Governance
- Differences between government and governance
- Principles of Good Urban Governance
- Urban Governance and Intergovernmental Relationships in Nigeria
- Urban Governance and Urban Security/Safety
- Social issues in physical planning
- Gender, equity and physical planning
- Poverty – Influence on human activities
- The informal sector and physical planning
- Assessment of Good Urban Governance in Nigeria
- Role of Urban Governance in Effective Environmental Planning
- Urban Observatory: Local, National, Regional and global

- Best Practices in Urban Governance (Examples from both Developed and Developing Nations)

### **URP 316 – Community Development Planning**

- Basic principles of community development
- Models in community development
- Community development in relation to modern planning and housing
- Self-help techniques
- Role of voluntary organizations in community development.
- Roles of Community-Based Organisations (CBOs) and Non-Governmental Organisation (NGOs) in Environmental Planning
- Community needs and demands
- Organisation of Focus Group Discussion and City Consultation
- Case Studies and Technical Report Presentation

### **URP 401 - Planning Studio V**

- Concepts of comprehensive urban development and its application to small and medium size settlements
- Field survey, analysis of data and projection models
- Development criteria including plan goals and objectives
- Preparation of a master/structure plan for the future growth of the settlement

### **URP 403 – Quantitative Techniques in Planning**

- Application of Measure of Central Tendency and Measure of Dispersion
- Chi-Square Analysis
- Bivariate Correlation Analysis
- Analysis of Variance
- Regression analysis
- Time Series Analysis
- Interpretation of SPSS Outputs in Data Analysis

### **URP 405 – Urban Design**

- Principles and methods of urban design

- Urban conservation
- Methods of restoration of historic landscapes and buildings
- Application of urban design principles to town centre redevelopment

#### **URP 407 – Public Utilities and Services**

- Public utilities and their interrelationship to town planning process
- Estimating water consumption requirements, storage, treatment and distribution
- Assessment of sewage and drainage composition
- Solid waste management: generation, sorting, storage, collection, transportation and disposal
- Considerations in design of utility systems (electricity, gas supply, *etc.*)
- Spatial distribution of public urban services (fire, police, health and educational)
- Maintenance and management of public utilities and services

#### **URP 409 – Urban Renewal Techniques**

- Concepts, goals and objectives of urban renewal
- Urban renewal strategies; comprehensive redevelopment, rehabilitation, conservation
- Implementation of renewal programmes; slum clearance, blight prevention, aiding the relocations, self-help programmes, citizen participation in renewal programmes
- Socio-cultural and socio-economic costs in urban renewal
- Case studies of urban renewal

#### **URP 411 – Urban Economics and Management**

- Urban functions
- Occupational characteristic of urban population: structure and types
- Basic and non-basic concepts
- Measurement of urban economic activities in terms of products income and employment
- Economic development theories: export base, sector dynamic growth, backwash effects
- Applicability of economic development theories at different levels in Nigeria (national, state and local levels)
- Mobilization of financial resources for urban management and plan implementation (taxation, fee, capital budgeting, financial institutions, public and private sectors *etc.*)

- The housing market
- Crime and responses to crime
- Economy of urban planning and development

#### **URP 413 – Research Techniques in Planning**

- Purpose of research in urban and regional planning
- Problem identification and definition
- Selection of a topic
- Definition of objectives and hypothesis
- Research design.
- Data sources: statistical, non-statistical
- Research surveys: types, advantages and disadvantages, planning and execution of surveys
- Data analysis: statistical, non-statistical
- Drawing conclusions
- Referencing
- Report presentation

#### **URP 501 – Planning Studio VI**

- Methodology and techniques of studying central areas of towns and cities
- The planning of central areas within the urban and regional context
- Necessary survey to delineate the centre and its sphere of influence
- Determination of central area and its functions and problems such as traffic, land-use density, *etc.*
- Redevelopment in two and three dimensions

#### **URP 502 – Planning Studio VII**

- The design of new towns and capital cities and their respective master and structure plans
- Socio-cultural, environmental and aesthetic considerations of the settlement design
- Synthesizing design concepts and design techniques applicable to pre-planned new settlements in Nigeria

#### **URP 503 – Environmental Impact Assessment**

- Definitions, objectives, scope and process of EIA
- Different methods of assessing the impact of proposed development in the existing physical, social, economic and technological frameworks
- Standard procedure and format for the preparation and presentation of such assessment
- Potentials and limitations of existing EIA policies and regulations in Nigeria
- Usefulness of EIA legislations to protect the available natural resources in Nigeria
- Environmental Impact Audit

#### **URP 504 – Waste Management Practices**

- Relationship between residents’ socio-economic characteristics and quantity and composition of waste generation
- The characteristics of effective and efficient solid waste management
- Solid Waste Management in the developing world
- The roles of different levels of government in Solid Waste Management
- Environmental and health effects of Solid Waste Management practices
- The concept of waste reduction at source, reuse and recycle
- Integrated waste management: policy development, legislation institutional arrangements, stakeholders’ involvement
- Management of e-waste

#### **URP 505 – Management and Planning**

- Development of management concepts
- Objectives and functions of management
- Decision-making responsibility
- Authority and accountability
- Organisation theory
- Organisational behaviour
- Concept of motivation
- Communication: hierarchy and channels

#### **URP 506 – Advanced Planning Theory**

- Philosophical and theoretical basis of practical approaches to planning (corporate, economic, social and spatial planning)
- Planning theories and their application to contemporary planning practice

- Planning problems in a democratic setting
- Theory and practice of decision making
- The logic of the planning process
- Evaluation of past and emerging concepts and policies influencing the conduct of current planning practice
- Implementation strategies and the changing role of the planner

### **URP 507/508 – Dissertation**

The student is required to complete an independent research project that makes a substantial contribution to planning knowledge. The objective of the dissertation is to provide opportunity to undertake in-depth, original research in an area of the students own interest. The dissertation also provides an opportunity to synthesize knowledge and skills acquired during the learning process. Each student is required to prepare a dissertation on a topic of his/her choice in the field of urban and regional planning.

### **URP 509 – Planning Seminar**

This seminar course aims at familiarizing the students of the final year class with current issues in urban and regional planning and giving them an opportunity to discuss problems and prospects. The student will select relevant themes for seminar discussions and present papers, with the guidance of the faculty members. The programme will essentially be based on the initiative and organizational skills of the students, with the staff playing only advisory and monitoring role.

### **URP 510 – Planning Control and Settlements of Disputes**

- History of town planning in Nigeria
- Planning organizations under unitary and Federal Governments
- Planning organizations in Nigeria at the Federal, State and Local levels
- Planning administration in other developed and developing countries
- The machinery of planning control; their authorities and powers
- Development plans/schemes and their implementation
- Planning applications: consents; appeals and enforcement procedures, provisions; planning control and settlements of disputes
- Arbitration – difference between arbitration valuation and action
- Advantages of arbitration submission, parties and subject matters
- Appointment of arbitration panels, rules of evidence applicable to arbitration

- Preparation and publication of award
- Methods of enforcing and implementing an award
- Costs of arbitration
- Reference by order of the court
- Statutory arbitration.

#### **URP 511 – Professional Practice, Ethics and Procedures**

- The roles of the planner in public and private sectors
- Planning responsibility and the decision-making process
- The organization of the planning office
- The selection of an interdisciplinary team and management and leadership techniques
- Planning office procedures, contract terms, conditions and agreements
- Preparation and submission requirements for a proposed project
- Project approval, nomination and assessment by various authorities
- Preparation of planning briefs, structures of fees, code of conduct and professional ethics

#### **URP 512 – Planning Administration**

- Organization , procedure and practice in an urban and regional planning office
- Decision-making process: operational methods and efficiency
- Public relations and citizen participation in the planning process
- Phasing and implementation of developmental projects
- Legal and administrative tools for effecting development
- Management of technical, local, state and federal planning departments

#### **URP 513 – Advanced Regional Planning**

- The concepts of regions, regional planning and regional development.
- The characteristics of functional and administrative regions within the regional planning context and goals and objectives.
- Regional analysis, inter-regional and intra-regional differences and an analysis of the regional institutional system and framework to determine approaches relevant to regional growth and development
- The determination of objectives, performance targets and key programmes are developed for the regional plan



- Emphasis is placed on the institutional and policy instruments for operationalising the regional plan
- Case studies of regional planning in developing countries, growth pole, basic needs, bottom-up and top-down approaches

#### **URP 514 – Environmental Hazard and Risk Management**

- Understanding disaster and risks
- Types of disaster (natural and manmade) and associated risks
- Disaster preparedness and prevention
- Managing different disasters: flood, fire, tsunamis, volcanoes, drought, etc.
- Planning resettlement schemes for victims of disaster and risks.
- Post-conflict planning and development
- Disaster management agencies in Nigeria

#### **URP 515 – Urban Transport Management Techniques**

- Planning urban transport network and traffic routing
- Forms of traffic management techniques
- Relationship between transportation services and efficiency of traffic movement
- Enforcement of traffic laws and regulations and traffic accidents and control
- Transportation policy formulation and implementation strategies
- Decision-making process in transportation projects implementation
- Energy and environmental implications of the national transportation policy
- Sustainable transportation management

#### **URP 516 – Recreation Planning**

- Definition of recreation
- Assessment of supply and demand for recreational resources
- Recreation planning standards
- Management of recreational resources
- Policy formulation on recreational projects
- Recreation planning and tourism development

#### **URP 517 – Tourism Planning and Development**

- Nature of Tourism and Development

- Essentials of Tourism Planning
- Tourism Resources of Nigeria
- Considerations for design, construction and development of tourist resorts
- Tourism organization, Travel Agents and Developers
- Impacts of Tourism on Local and National Economic Development
- Principles of Tourism Management
- City branding, city marketing and tourism marketing

**URP 518 – Advanced Landscape Design**

- Lectures and a major studio project
- Practical work includes detailed studies of landscape construction materials (both hard and software)
- Design exercise on major landscape projects such as housing, erosion, flooding, transportation, landscape conservation techniques
- Landscape management techniques

**URP 520 – Housing Finance and Policy**

- Discussion and clarification of ideas relating to various aspects of housing (policies, programmes, design standards, production, finance and management)
- Assessment of housing need and effective demand
- Housing finance and economy of housing, non-profit/social housing, low cost housing, self-help techniques
- Affordability levels and accessibility to essential infrastructure in housing areas.
- Formulation of housing policies and programmes
- Consideration of housing policies and programmes in developing and developed countries
- Appraisal of the housing sector in the nation and states
- Upgrading, or new housing projects for low income groups

**TABLE 1: LIST OF STAFF IN THE DEPARTMENT**

S/N	Name	Status	Qualification	Area of Specialisation
1	Dr A.O. Afon	Reader (Head of Department)	B.Sc.; M.Sc; Ph.D;MNITP; RTP	Environmental Perception and Management
2	Prof. S.O. Fadare	Professor	B.A; MURP; Ph.D; MNITP; RTP	Transportation Planning; Community Development
3	Prof. L.M. Olayiwola	Professor	B.Sc.; MURP; Ph.D; MNITP; RTP	Housing; Rural Planning; Infrastructure Planning
4	Dr E.O. Omisore	Reader	B.Sc.; M.Sc; Ph.D; FNITP; RTP	Landscape Design, Tourism and Recreation Planning
5	Dr O.A. Adeleye	Senior Lecturer	DESA; M.Phil.; Ph.D. MNITP	Housing; Urban Design
6	Dr S.A. Adeyinka	Senior Lecturer	B.Sc.; M.Sc; Ph.D; MNITP; RTP	Infrastructure Planning; Urban Design
7	Dr P.O. Olawuni	Senior Lecturer	B.Sc., M.Sc., Ph.D; MNITP; RTP	Environmental Studies; Health Planning; GIS
8	Dr A.A. Abegunde	Senior Lecturer	B.Sc.; M.Sc.; Ph.D; MNITP; RTP	Community Development; Urban Land Management
9	Dr E.I. Benson	Lecturer I	B.Sc.(Hons), M.Sc.; MNITP	Tourism and Recreation Planning
10	Dr K.O. Popoola	Lecturer I	B.Sc.; M.Sc.; MNITP; RTP	Rural and Social Development Planning

11	Mr T.G. Faborode	Lecturer II	B.Sc.; M.Sc.; MNITP; RTP	Transportation Planning
12	Mr O.P. Daramola	Lecturer II	B.Sc.; M.Sc.; MNITP; RTP	Environmental Management; Infrastructure Planning
13	Mr O.A. Olojede	Lecturer II	B.Sc.; M.Sc.; MNITP; RTP	Environmental Management; Transportation Planning
14	Mr O.P. Fadoyin	Assistant Lecturer	B.Sc.; MNITP; RTP	Housing; Infrastructure Planning

**TABLE 2: LIST OF ASSOCIATE LECTURERS**

<b>S/N</b>	<b>Name</b>	<b>Status</b>	<b>Department</b>
1	Dr A. Olaleye	Reader	Estate Management
2	Prof. A. A. Adebayo	Professor	Economics
3	Dr M. O. Babalola	Reader	Quantity Surveying
4	Dr O. O. Aina	Senior Lecturer	Building
5	Dr A. A. Adegoke	Senior Lecturer	Psychology
6	Prof. A. O. Ogunbameru	Professor	Sociology
7	Dr H. A. Soriyan	Reader	Computer Sc. & Engineering
8	Dr S. O. Bamiwuye	Senior Lecturer	Demography & Social Statistics
9	Dr O. A. Ajala	Senior Lecturer	Geography
10	Dr D. A. Jiboye	Senior Lecturer	Architecture
11	Prof. Y. K. Salami	Professor	Philosophy