



جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

College of Architecture and Planning
Department of Urban and Regional Planning

Faculty Handbook

Department of Urban and Regional Planning



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COLLEGE OF ARCHITECTURE AND PLANNING

Department of Urban and Regional Planning

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**In the name of Allah,
the most Gracious,
the most Compassionate**

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BACKGROUND AND CONTEXT

Imam Abdulrahman Bin Faisal University (IAU)

The Department of Urban and Regional Planning of the Imam Abdulrahman Bin Faisal University (IAU) is located at the main campus in Rakah, Dammam, in the Eastern Province of Saudi Arabia. This campus had started as the Dammam campus of the King Faisal University (KFU) which has its main campus in Al Hasa. The university was established in 1975¹ and was officially inaugurated by His Majesty King Khaled Bin Abdulaziz on 24 May 1977. In 2009, the Dammam campus of KFU was turned into the University of Dammam, an entity separated from and independent of KFU². Subsequently, in 2016, the name of the University was changed to Imam Abdulrahman Bin Faisal University (IAU) in honor of the father of the founder of the current Kingdom of Saudi Arabia, His Majesty King Abdulaziz Al Saud.

Range of Educational Programs at IAU

The university has been expanding its academic programs since its inception as an independent entity. Apart from its main campus, the university has now campuses and colleges under its jurisdiction in five other cities, viz., Jubail, Khafji, Khobar, Nairiya and Qatif. While it started with just two colleges (Architecture and Planning, and Medicine and Medical Sciences) in the 1970s, there are now 19 colleges distributed among four clusters: (1) health, (2) Engineering, (3) Sciences and management, and (4) Arts and Education. The next table show the colleges in IAU.

¹Vide Royal Decree No. H/67 dated 7 August 1975, following Council of Ministers resolution no. 1964/20/11/1394.

²Vide Royal Decree No. A/18/1 dated 5 September 2009, corresponding to 15 Ramadan, 1430.



IAU Main Campus Plaza.

The four Clusters and 19 colleges in IAU.

<p>Health</p> <p>College of Medicine College of Dentistry College of Nursing College of Applied Medical Sciences College of Clinical Pharmacy College of Public Health College of Applied Medical Sciences – Jubail</p>	<p>Engineering</p> <p>College of Architecture and Planning College of Design College of Engineering</p>
<p>Sciences and Management</p> <p>College of Applied Studies & Community Service College of Business Administration College of Computer Science & Information Technology College of Science Community College</p>	<p>Arts and Education</p> <p>College of Arts College of Education – Dammam College of Education – Jubail College of Sharia and Law</p>

College of Architecture and Planning

This college is one of the first of the university and currently has five departments: Architecture, Building Engineering, Interior Architecture, Landscape Architecture, and Urban and Regional Planning. The college has its own spacious building in the new Rakah East campus of the university.

Highly qualified academicians with diverse backgrounds and nationalities, with degrees from reputed universities around the world are teaching students and producing graduates to meet the demand of qualified personnel in the fields of architecture, engineering and planning. In over three decades of its existence, the college has produced more than 1600 professionals, including more than 300 female and 150 foreign graduates.



The college of Architecture and Planning.

Department of Urban and Regional Planning

As the Kingdom of Saudi Arabia began its journey of rapid economic growth and urbanization, the need was felt to guide the socio-economic and physical development in an orderly and spatially balanced fashion. The Department of Urban and Regional Planning was established in 1975 at IAU (King Faisal University at that time) with a view to produce planning professionals required for the country. The department is a pioneer of planning education in the Kingdom and the Gulf Arab region. Initially its role was to support the academic program of the Department of Architecture. Subsequently it began its own academic program for the degree of Master of Urban and Regional Planning in 1984-85. This was the first program for planning education in the entire Gulf Cooperation Council (GCC) region. Later, the department began its

undergraduate program in 1990. The PhD program in the department, another first in the GCC region, enrolled its first student in 2004.

Vision

The vision of the Department of Urban and Regional Planning at IAU is:

Towards comprehensive, balanced and sustainable development for Saudi regions, urban centers and rural communities.

Mission

The mission of the Department of Urban and Regional Planning is to:

Provide distinctive scientific, technical and professional knowledge; scientific research; and community services related to local, regional and national development projects and programs.

Values

The values of the Department of Urban & Regional Planning are:

Excellence, Professionalism, Creativity, Diversity Team Spirit, Islamic and Local Culture, and Social Responsibility.

Strategic Goals

The strategic goals of the Department of Urban & Regional Planning are to:

- 1. Provide high quality learning and knowledge services.*
- 2. Conduct scientifically distinct and society useful research.*
- 3. Provide high-quality community services.*
- 4. Enhance the competencies of human resources of the Department.*
- 5. Maintain sustainable and stimulating work environment.*
- 6. Enhance the efficiency of administrative structure of the Department.*
- 7. Ensure economic efficiency in managing the Department.*
- 8. Optimize the use of advanced technologies in all activities*

Operational Objectives

From the eight strategic goals of the URP Department, and in reference to the objectives of the University, several subsidiary objectives have been generated for each strategic goal of the URP Department, as follows:

1. Objectives of Strategic Goal I: Provide high quality learning and knowledge services:

This goal has the following objectives:

- 1-1 Continuous development of the academic programs offered by the department in all the bachelor's, master's and PhD stages.
- 1-2 Improving the quantity and quality of learning resources available to students and staff.
- 1-3 Developing the learning strategies used in all programs of the URP department.
- 1-4 Diversity and comprehensiveness of the curriculum and balancing theory and practice by preparing the student scientifically, professionally and morally to work in preparing and implementing urban and regional development plans and strategies in various planning fields in the private and public sectors.
- 1-5 Increasing students' understanding of the historical and theoretical foundations of urban development and recognize the material aspect of human civilization within the framework of traditional Arabic and Islamic values.
- 1-6 Increasing students' understanding of the philosophy of comprehensive and sustainable development socially, economically and physically in preparing and implementing plans and strategies.
- 1-7 Raising the ability of students to assess the underlying environmental impacts on policies and programs.
- 1-8 Upgrading research skills associated with the use of statistical, analytical and other methods

2. Objectives of Strategic Goal II: Conduct scientifically distinct and socially useful research:

This goal has the following objectives:

- 2-1 Improving the sources of technical support for research available to students and faculty at all academic levels.
- 2-2 Encouraging students to engage in research projects (sponsored and unsupported) that are scientifically and socially useful, with the participation of faculty members and staff of academic advisory.
- 2-3 Encouraging students to publish scientific research extracted from their graduation projects and master's and doctoral theses.
- 2-4 Preparing students in the bachelor's program to continue postgraduate studies in master's and PhD programs in urban and regional planning.
- 2-5 Preparing graduates of the master's and PhD programs with high academic, research and professional skills to work in fields of teaching, scientific research, development management, and conduct specialized professional consulting studies.

3. Objectives of Strategic Goal III: Provide high-quality community services:

This goal has the following objectives:

- 3-1 Expanding the participation of community leaders and experienced professionals in the department's educational, research and community activities.
- 3-2 Encouraging students to choose high-priority community issues as subjects for their graduation projects and masters and doctoral theses.
- 3-3 Promoting the identity of the DURP and its various programs through audio, video and printed media and in social media channels.
- 3-4 Contributing to meeting the continuous and growing needs of KSA and GCC countries from graduates with bachelor's, master's and doctoral degrees in urban and regional planning.
- 3-5 Contributing to satisfying the needs of KSA for specialized cadres to work in research, applied studies and professional consultancy required in government and private institutions involved in urban and regional planning processes.
- 3-6 Contributing to bridging the growing needs for faculty members specialized in urban and regional planning to work in relevant departments of the colleges of architecture and planning, and environmental design to teach urban geography, urban economy, urban sociology, city management, geographic information systems, remote sensing and other relevant subjects.

4. Objectives of Strategic Goal IV: Enhance the competencies of human resources of the Department:

This goal has the following objectives:

- 4-1 Upgrading the students' leadership, organizational and managerial qualities and capabilities in dealing with urban and regional planning programs and projects.
- 4-2 Improving the quality of academic counseling services offered to students in all URP programs.
- 4-3 Developing the knowledge and skills of faculty members to keep up with the continuous development in the field of urban and regional planning.
- 4-4 Developing planning skills of leaders working in municipal and local administration responsible for urban, social and economic development sectors in planning departments and bodies in various institutions in the kingdom.

5. Objectives of Strategic Goal V: Maintain sustainable and stimulating work environment:

This goal has the following objectives:

- 5-1 Promoting and maintaining sustainability practices in the university environment.
- 5-2 Applying strict measures to maintain the safety and security of DURP affiliates against all possible natural and human hazards.
- 5-3 Monitoring continuous maintenance to ensure the creation of a stimulating, clean and healthy university working environment.

6. Objectives of Strategic Goal VI: Enhance the efficiency of administrative structure of the Department:

This goal has the following objectives:

- 6-1 Ensuring that the administrative systems and procedures of the DURP are fair, transparent and announced to all affiliates dealing with the URP Department.
- 6-2 Adopting a participatory approach involving all stakeholders when making decisions that affect the future of the department and programs.
- 6-3 Ensure the efficiency of the quality assurance processes in the Department

7. Objectives of Strategic Goal VII: Ensure economic efficiency in managing the Department:

This goal has the following objectives:

- 7-1 Adopting the principles of transparency, accountability and rationalization in the management of financial resources required to carry out the activities and events of the URP Department
- 7-2 Applying creative methods to diversify the sources of financial support for the activities of the Department (through research grants, donations, etc.).

8. Objectives of Strategic Goal VIII: Optimize the use of advanced technologies in all activities:

This goal has the following objectives:

- 8-1 Applying e-transaction in dealing with the management of various activities of the programs of the department.
- 8-2 Improving the applications of e-learning and distance education in academic, research, community service and other activities of the URP Department.
- 8-3 Giving students advanced communicational, symbolic, graphical and computational skills needed to work and explain the schemes and learn advanced techniques and methods of preparing scientific and professional reports.

ADMINISTRATION

Administrative Structure

The Department of Urban and Regional Planning is one of five departments in the College of Architecture and Planning, IAU. The college is headed by its Dean, who is assisted by four Vice Deans shown in the table below. The department itself is headed by its Chairman who is assisted by an Assistant Chairman and coordinators for undergraduate and postgraduate programs.

Key Personnel



Dean Dr. Tareq



Chairman Prof. Faez

Position	Person
Dean of College	Dr. Tareq I. Alrawaf
Vice Dean, Academic Affairs	Dr. Abdulaziz Almohassen
Vice Dean, Research and Innovation	Dr. Tareq I. Alrawaf
Vice Dean, Development and Community Partnerships	Dr. Fahad Alyami
Chairman, Dept. of Urban & Regional Planning	Prof. Faez Al-Shihri
Coordinator, URP Undergraduate Program	Dr. Karim Gazzeh
Coordinator, URP Master's Program	Prof. Ali M. Alqahtany
Coordinator, URP PhD Program	Prof. Faez Al-Shihri

List of Faculty

Name	Rank	Field of Specialization	Ext.
Dr. Faez Al-Shihri	Professor	Sustainable Dev. Planning; Environmental URP	31791
Dr. Mahmoud Abdellatif	Professor	Desert Development & Technology	31795
Dr. K.M. Maniruzzaman	Professor	Spatial Analysis	31802
Dr. Antar A. Abou Korin	Professor	Regional/Urban Planning	31805
Dr. Abubakar R. Ismaila	Professor	Urban Sustainability	31833
Dr. Ali M. Alqahtany	Professor	Sustainability Urban Planning	31807
Dr. Umar Lawal Dano	Assoc. Professor	Geo-informatics in URP	
Dr. Maher S. Al-Shammari	Asst. Professor	Urban and Regional Planning	31798
Dr. Karim A. Gazzeh	Asst. Professor	Risk Management Infrastructure	31794
Dr. Nawaf Alshabibi	Asst. Professor	Transportation Planning and Engineering	31769
Dr.. Mubarak F. Al-Hajri	Asst. Professor	Transportation Planning	
Dr. Khaled M. Almatar	Asst. Professor	Transportation Planning	31850
Dr. Abdulaziz Al Mulhim	Asst. Professor	Environmental Planning, Sustainability	31731
Dr. Abdullah A. Al-Hamoudi	Asst. Professor	Urban Management	
Eng. Salem Ibrahim Aljoaib	Asst. Professor	Urban Planning	31808
Eng. Suliman M. Almazroua	Asst. Professor	Urban Planning	35800
Eng. Khalid A. Al Melhem	Asst. Professor	Housing	

Name	Rank	Field of Specialization	Ext.
Eng. Abdulmalik Al-Shinawi	Lecturer	Disaster Management	
Eng. Abdulrahman AlSayel	Teaching Asst. (Abroad)	Sustainable Urban Planning	
Eng. Abdulrahman Alqahtani	Teaching Asst. (Abroad)	Urban and Regional Planning	
Sadeq H. Mosa Al Saleh	Secretary		31839



Faculty members of the Department of Urban and Regional Planning, April 2019.



The Chairman of the URP Department is explaining student's production to IAU Vice President for Academic Affairs, Dean of the College and other respected guests, March 2019.

Section

3

Academic Programs

Bachelor of Urban and Regional Planning (BURP) Program

The Bachelor of Urban and Regional Planning (BURP) program of the department began in 1990. The Program's Vision, Mission, Values, and strategic Goals are as follow:

Vision: Towards comprehensive, balanced, and sustainable development for Saudi regions, urban centers, and rural communities.

Mission: Provide distinctive scientific, technical, and professional knowledge; scientific research; and community services related to local, regional, and national development projects and programs.

Values: Excellence, Professionalism, Creativity, Diversity Team Spirit, Islamic and Local Culture, and Social Responsibility

Strategic Goals: With a view to implement the mission of the department and mission, the goals of the BUR Program have been set to:

1. Provide high quality learning and knowledge services.
2. Conduct scientifically distinct and socially useful research.
3. Provide high-quality community services.
4. Enhance the competencies of human resources of the Program.
5. Maintain sustainable and stimulating work environment
6. Enhance the efficiency of administrative structure of the Program.
7. Ensure economic efficiency in managing the Program.
8. Optimize the use of advanced technologies in all activities.

BURP Distribution of Credits

The BURP program requires a student to complete a total of 171 hours of credit. Of the total, 105 credits are earned through the specialized courses in the department; the rest are earned in the preparatory first year and joint second year. The credit hours are distributed among the five years of study as follows:

Year	Credit Hours	
1 Common preparatory year for Colleges of Architecture & Planning, Engineering, and Design	32	
2 Joint second year for all departments of the College of Architecture and Planning	34	
3 First year in the Department of URP	37	
4 Second year in the Department of URP	34	
5 Third year in the Department of URP	34	
Total in five years		171

BURP Curriculum

First Year First Semester			
Code	Course Title	Cr. Hr.	Prerequisite
ARCH 121	Basic Design Studio-I	3	See program
ENGL 101	General English Language	7	See program
LRSK 141	Learning and Searching Skills	2	See program
MATH 111	Math I	3	See program
PHEDU 162	Physical Education	1	See program
Semester Total		16	

First Year Second Semester			
Code	Course Title	Cr. Hr.	Prerequisite
ARCH 122	Basic Design Studio-II	3	See program
ENGL 102	English for Academic & Specialty	3	See program
LRSK 142	Communication Skills	2	See program
MATH 112	Math II	3	See program
PHYS 132	Physics	3	See program
COMP 131	Computer Skills	2	See program
Semester Total		16	

ACADEMIC PROGRAMS: (BURP)

Second Year First Semester			
Code	Course Title	Cr. Hr.	Prerequisite
ARCH 201	Design Studio (3) (Arch.& Interior)	4	Prep. year
ARCH 211	Concept of Structure	3	Prep. year
ARCH 221	Surveying	2	Prep. year
ARCH 231	Environmental Design I	2	Prep. year
ARCH 241	CAD Applications	2	Prep. year
ARCH 251	Design Methods	2	Prep. year
ISLM 271	Faith Morals	2	None
Semester Total		17	

Second Year Second Semester			
Code	Course Title	Cr. Hr.	Prerequisite
ARCH 202	Design Studio (4) (Urban & Landscape Design)	4	ARCH 201
ARCH 212	Construction Systems & Materials	3	ARCH 211
ARCH 222	Environmental Control System (Thermal)	2	Prep. year
ARCH 232	Environmental Design (2)	2	ARCH 231
ARCH 242	Advanced CAD & GIS Applications	2	ARCH 241
ARCH 252	Site Planning	2	Prep. year
ISLM 272	Social System in Islam	2	Prep. year
Semester Total		17	
Program Total		171	

Third Year First Semester			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 301	Design Studio (5): Planning Survey, Analysis, Graphics & Cartography	5	ARCH 202
URPL 311	Applied Statistics	2	Dept. Admsn.
URPL 321	Urban Geography	3	Dept. Admsn.
URPL 331	Planning History & Theory	3	Dept. Admsn.
URPL 341	Planning Geoinformatics (1)	3	ARCH 242
ISLM 251	Economic System in Islam	2	Dept. Admsn.
Semester Total		18	

Third Year Second Semester			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 302	Design Studio (6): Neighborhood Planning	5	URPL 301
URPL 312	Economics	3	URPL 311
URPL 322	Urban Design Theory	3	URPL 331
URPL 332	Housing & Residential Development	3	URPL 321
URPL 342	Planning Geoinformatics (2)	3	URPL 342
URPL 444	Practical Training	0	Dept. Admsn.
ISLM 252	Social & Political System in Islam	2	Dept. Admsn.
Semester Total		19	

Fourth Year First Semester			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 401	Design Studio (7): Urban Planning	5	URPL 302
URPL 411	Urban and Regional Economics	3	URPL 312
URPL 421	Urban Sociology	3	URPL 321
URPL 431	Planning Methods & Techniques (1)	3	URPL 322
URPL 441	Urban Transportation Planning	3	URPL 331
Semester Total		17	

Fourth Year Second Semester			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 402	Design Studio (8): Regional Planning	5	URPL 401
URPL 412	Regional Planning	3	URPL 411
URPL 422	Urban Sociology	3	URPL 441
URPL 432	Planning Methods & Techniques (2)	3	URPL 431
URPL 442	Planning for Sustainable Development	3	URPL 421
Semester Total		17	

Fifth Year First Semester			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 501	Design Studio (9): Graduation Project (1)	5	URPL 402
URPL 511	Planning Law & Administration	3	URPL 442
URPL 521	Rural Planning & Development	3	URPL 412
	Elective (1)	3	None
	Elective (2)	3	None
Semester Total		17	

Fifth Year Second Semester			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 502	Design Studio (10): Graduation Project (2)	5	URPL 501
URPL 522	Professional Training & Planning Practice	3	URPL 511
URPL 532	Public Finance & Budgeting	3	URPL 312
	Elective (3)	3	None
	Elective (4)	3	None
Semester Total		17	

Elective Courses

Field 1: Urban Design & Housing			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 550	Special Topics in Urban Design & Housing	3	Pass 3rd yr.
URPL 551	Design for Large Public Space	3	Pass 3rd yr.
URPL 552	Housing Analysis & Design	3	Pass 3rd yr.
URPL 553	Urban Conservation & Renewal	3	Pass 3rd yr.
URPL 554	Cityscape & Beautification	3	Pass 3rd yr.
URPL 555	Urban Image	3	Pass 3rd yr.
URPL 556	New Towns & Recent Urban Development	3	Pass 3rd yr.

Field 2: Social & Economic Planning			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 560	Special Topics in Social & Economic Planning	3	Pass 3rd yr.
URPL 561	Facilities Planning	3	Pass 3rd yr.
URPL 562	Social & Community Services Planning	3	Pass 3rd yr.
URPL 563	Social Policy Planning	3	Pass 3rd yr.
URPL 564	Economic Analysis for Planning Practitioners	3	Pass 3rd yr.
URPL 565	Regional Economics: The Middle East Experience	3	Pass 3rd yr.
URPL 566	Political Impacts of Development	3	Pass 3rd yr.
URPL 567	Land Economics	3	Pass 3rd yr.
URPL 568	Public Policy Analysis	3	Pass 3rd yr.

Field 3: Transportation & Traffic Planning			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 570	Special Topics in Transport & Traffic Planning	3	Pass 3rd yr.
URPL 571	Road Engineering Design	3	Pass 3rd yr.
URPL 572	Terminal Planning & Design	3	Pass 3rd yr.
URPL 573	Traffic Surveys & Planning	3	Pass 3rd yr.
URPL 574	Environmental Impact Assessment of Transportation Projects	3	Pass 3rd yr.
URPL 575	Traffic Engineering	3	URPL 441

Field 4: Sustainability, Technology & Desert Development			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 580	Special Topics in Sustainability & Desert Development	3	Pass 3rd yr.
URPL 581	City Management & Administration	3	Pass 3rd yr.
URPL 582	Desert Development Technology	3	Pass 3rd yr.
URPL 583	Knowledge-Based Spatial Development	3	Pass 3rd yr.
URPL 584	Urban Digital Impacts	3	Pass 3rd yr.
URPL 585	Project Management for Planners	3	Pass 3rd yr.

Field 5: Planning Geoinformatics			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 590	Special Topics in Planning Geoinformatics	3	URPL 342
URPL 591	Advanced RS Applications in Urban & Regional Planning	3	URPL 342
URPL 592	Advanced GIS Applications in Urban & Regional Planning	3	URPL 342
URPL 593	Planning Geoinformatics for Disaster Management	3	URPL 342

General Electives			
Code	Course Title	Cr. Hr.	Prerequisite
URPL 594	Special Topics in Sustainability & Desert Development	3	Pass 3rd yr.
URPL 595	City Management & Administration	3	Pass 3rd yr.
URPL 596	Desert Development Technology	3	Pass 3rd yr.



Jury Committee of Graduation Project (Planning Studio 10).

BURP Core Course Descriptions

URPL 301: DESIGN STUDIO (5): PLANNING SURVEY, ANALYSIS, GRAPHICS & CARTOGRAPHY

This design studio has three important aims. The first aim is to develop an understanding of survey and mapping work requirements, to build an understanding as to how to analyze and use of surveyed data; and to develop analytical skills applied to processing, presentation, and interpretation of location-based data. In this aim the course will cover surveying and mapping field techniques, and the uses of global positioning system GPS in surveying. The second aim of the course is to introduce students to graphic techniques, representation tools, and analytical methods that are used in urban and physical planning. The third aim of the course is to develop student's cartographic skills, concepts, and methods such as photogrammetric map design, computer mapping, Aerial photography and satellite image, GIS, and Arc GIS.

URPL 302: DESIGN STUDIO (6): NEIGHBOURHOOD PLANNING

The aim of the workshop is to introduce students to the design problems at neighborhood level. The project involves land subdivision, neighborhood planning and architectural residential design. At the same time, the project explores the relationship between the physical environment, the socio-cultural aspect, and the nature of urban design process. The course aims at: (i) relating urban design theories and vocabulary to develop and up-grade parts of the city, introducing the concept of neighborhood design and the requirements of planning standards with consideration of socio-cultural and local environment, emphasizing the relation between architecture, landscape and urban design through the process of evaluation and design of residential unit and cluster, imparting an understanding of analytical processes and techniques in urban design and land use planning, imparting an understanding of the process of city growth, development, and change, introducing the potential of using computer aided design as a graphical communication and analytical tool, developing experience in individual students to work in a team.

URPL 311: APPLIED STATISTICS

The course starts by presenting what is meant by statistics and why do we need to learn it. It then explains the steps involved in statistical data analysis. Types of data, appropriate data presentation techniques and main tasks performed through statistical analysis are discussed. The course involves discussions of frequency distributions and central tendency measures including the mean, mode and median, dispersion measures including variance and standard deviation. The course covers the theory of correlation including how to compute Pearson linear correlation coefficient as well as Cramer association coefficient. It discusses curve fitting procedure, the regression and time series analysis procedure and how this is used in forecasting, and some theoretical frequency distributions with particular emphasis on the normal distribution curve. The course concludes with presenting the statistical concept of hypothesis testing and the various tests available for testing statistical hypothesis namely chi square test, t-test and F-test. The course is heavily based on utilizing the SPSS software.

URPL 312: ECONOMICS

This economics course is an introductory undergraduate course in economic theory and practice. It is designed to introduce students to the fundamental concepts of economic theory. It is focused on how economic decisions are made by individuals, businesses, and governments. Demand and supply are developed to demonstrate how market prices are determined, how those prices determine an economy's allocation of goods and services, how factors of production are allocated in the production process, and how goods and services are distributed throughout the economy. It also introduces and discusses the effects of government intervention as well as the concept of international trade, comparative advantage and global economic challenge.

URPL 321: URBAN GEOGRAPHY

This course is an introductory course to urban geography. It introduces planning students to the fundamental concepts and techniques of urban geography. Particular attention is devoted to their relationships with the urban and regional planning processes. It acquaints students with the most important problems and policies concerning urban geography in general and as they relate to the current practices in the kingdom of Saudi Arabia.

URPL 322: URBAN DESIGN THEORY

Urbanization presents the end-product of human civilizations. They could be seen and understood in terms of urban and visual Phenomenon, Patterns, and Elements such as Spaces, traffic Paths, buildings Forms, Land-uses, Human Behavior, and socio-functional segregations. The course introduces the field of urban design to students. This introduction takes different parts. An introduction and definition of basic terms and concepts including: the meaning of urban design and its place within the environmental design spectrum; the significance and impact of urban design works on the quality of life and the quality of the environment; the role and qualities of modern urban designer; the various stages and activities of the urban design process; cognition, perception and image-making process; other basic urban design concepts and terms such as: scale in urban design, urban character, size, shape, pattern, texture, urban magnet, urban rhythm, urban module, accessibility, visual messages, direction, etc. Urban design understanding and assessment criteria at Spaces group level. The Course is divided into two major parts; Theoretical and Practical. The theoretical Part is introduced in form of lectures, and the Practical Part is introduced through assignments carried out by students in order to enhance their theoretical knowledge

URPL 331: PLANNING HISTORY AND THEORY

This course is an introductory survey of the built environment (from ancient times to the industrial revolution, with an account of temporary urban development as we move into the twenty first century). The concern is primarily with the physical elements, with the realization that are social, economic, and political elements that shape the environment as well. A system of “urban form determinants” is used as a structured basis for analysis of historic and of more recent urban morphology. In addition to that, the course will review the history of planning activities at the national and regional and local levels in the kingdom of Saudi Arabia. The theory of urban planning has to do with defining and understanding the context, practices, and processes of planning, and how they have evolved from their respective historical cultural basis.

URPL 332: HOUSING AND RESIDENTIAL DEVELOPMENT

The course introduces the field of Housing and Residential Development to students. Terms such as a House, a Housing cluster, a neighborhood, a community, etc. will be defined. Various

approaches to housing and residential development (planned/ unplanned, formal/informal, conventional/Large-scale, etc.) will be analyzed and compared in terms of their impacts on the quality of life and the quality of the environment. The course describes the various stages and activities of the residential development process. These are: the system definition stage, the planning and design stage, the implementation stage, and the evaluation and management stage. The course comprises from two major parts. In the first part, the instructor delivers and explains the course concepts and terms in the form of lectures, seminars or discussions. Students carry out the second part, during which each student will submit and present a term paper demonstrating his comprehension of the course contents



Undergraduate design studio Jury

URPL 341: PLANNING GEOINFORMATICS (1)

This course acquaints the students with the technologies of Remote Sensing and GIS. It demonstrates to students how to use these technologies in an integrated manner and apply them in their studio projects. The course is divided into two main parts. The first shorter part is on remote sensing. The second part is on GIS. The general concepts of RS and GIS will be introduced to the students and they will become familiar with these technologies and their applications in the field of the regional and urban planning. The students will learn not only the theoretical background but also practical applications. The course content includes methods of data entry and editing, simple data analysis and visualization, and preparation of map layouts.

URPL 342: PLANNING GEOINFORMATICS (2)

This course is designed to build on the expertise gained by the students in the prerequisite course and enhance their skills in applying Remote Sensing and Geographic Information Systems for urban and regional planning projects. In this course students will learn how to choose RS imagery for specific applications and for spatial analysis at urban and regional scales. The students will learn about the concepts of Global Positioning System. A comprehensive set of spatial analysis tools will be introduced to allow exploring and analyzing spatial data and to find solutions to spatial problems and modeling urban phenomenon. The course will also provide general concepts of network analysis and the application of such tools in regional and urban planning. The focus will be on using raster and network data. The course will introduce basic techniques of estimating spatial data through interpolation and the concepts of 3D GIS.

URPL 401: DESIGN STUDIO (7): URBAN PLANNING

The course is intended to give more focus to studying the problem at the urban planning levels. The studio applies planning investigation/research methods involving data collection (primary and secondary), data processing and analysis, problem and issue identification and goal formulation, and their presentation in a professional manner consisting of reports including maps, charts, diagrams, etc. Work phases will consist of both team and individual work. The focus in the Design workshop is on real world urban planning problem. Various urban planning policies and strategies for development will be explored in more details from international and national perspectives. International experiences and Saudi urban development strategies will be introduced and examined. The new approaches of Saudi urban development strategies will also be introduced and examined. Different methods and techniques used to evaluate and implement such urban development plan will be explored in more details.

URPL 402: DESIGN STUDIO (8): REGIONAL PLANNING

The course is designed to introduce the students to the general policies and strategies formulation, evaluation and implementation approaches used by planners in their professional regional planning or comprehensive development field. We examine a range of concepts, approaches and tools that planners use in the field of comprehensive regional development. The focus in the Design Studio is on real world regional planning problem in its comprehensive

context. Various regional planning policies and strategies for regional development will be explored in more details from international and national perspectives. International experiences and Saudi regional development strategies will be introduced and examined. The new approaches of regional development will also be introduced and examined. Different methods and techniques used to evaluate and implement such regional comprehensive development plan will be explored in more details.

URPL 411: URBAN AND REGIONAL ECONOMICS

The course focuses on strategies that policy makers and planners at all levels use to create healthy urban and regional economies. We begin by examining the role of the urban economic development specialist, and then examine a range of tools that economic developers/planners use. We also focus on relatively new strategies for urban economics development and redevelopment. We explore issues of labor force, housing, transportation, examine the role of technology on urban economic development, and look at real international cases (with particular attention to Saudi Arabia) to understand what has occurred in specific contexts.

URPL 412: REGIONAL PLANNING

This course is concerned with the nature of regional planning as a form of planning; specially, consideration is given to the historical evolution of regional planning and the definition and scope of regional planning; it's role in and contribution, it's methods and techniques. In addition, this course deals with the process of regionalization and definition of region, the spatial structure of region, and regional planning in the international perspective. The course will introduce concepts and techniques that are used in the regional development.

URPL 421: URBAN SOCIOLOGY

The course provides a basic understanding of the theories in urban social structure, social change and social processes, and their relationship with the urban physical structure. In this context, the course introduces the basic social units e.g., society, family, neighborhood and their importance in urban social existence and social life. The course also examines urban social processes like social mobility, social conflict and the dynamics of social change. Finally, the course examines

the impact of urban planning and urban development policies on social environment, social change and progress.

URPL 422: INFRASTRUCTURE PLANNING

In the last two decades urban areas in Saudi Arabia experienced rapid growth in population. Therefore, the Saudi cities/towns require adequate infrastructure facilities, specifically in the areas of road, water supply, sewerage, sanitation and solid waste management. In addition, there is a need of better planning and coordination among the service providing agencies i.e., Water Supply and Sewerage Board, Ministry of Water and Electricity, Telecommunication, Transportation Department, etc. The announced Government's strategy is to improve the infrastructure facilities in the urban areas. Government has also invited the Public-Private-Partnership to invest in the urban infrastructure projects. The course emphasis is on methods of forecasting demands and the means to meet them. Also, importance is given on the use of catchments area population and systems' threshold size to estimate demand and supply, the application of sustainable approaches (reduce, recycle and reuse) to their management.

URPL 431: PLANNING METHODS & TECHNIQUES (1)

Planning Methods and Techniques extend over two semesters. The courses are intended to provide planning students with tools that enable them to effectively learn how to Conduct Planning Studies? The first of these two courses deal with the basic – must know – methodologies and techniques of planning studies ranging from goal formulation techniques (e.g., relevance tress) and estimation and projection of population and employment characteristics, to the different planning processes of; creating land information bases, Urban Land Use Design, Commercial and Employment Centers. PMT I, extends to acquaint the students with Alternative Generation and Plan Evaluation Techniques.

URPL 432: PLANNING METHODS & TECHNIQUES (2)

This course is an extension of the first part where most of the Must-Know techniques have been introduced to the students. This course aims primarily at introducing to the students, the most stressing issues of contemporary urban planning. The biggest problem facing the urban

environment in Saudi Arabia is the issue of How to Manage Urban Growth? The steppingstone for this course is to study the phenomenon of sprawl and its impacts on cities of Saudi Arabia. The course will discuss the causes, impacts and likely solutions to the problem. The theories of Smart Growth, New Urbanism and Sustainability will be continuously discussed debated and analyzed. Different methodologies and techniques adopted internationally will be examined; ranging from how to pay for sprawl, and who pays for sprawl. Creating more sustainable and walkable communities through concepts of TND's, TOD's and more is presented. Relating transportation and environmental assessments to sustainable growth of cities is emphasized.

URPL 441: URBAN TRANSPORTATION PLANNING

The course develops a number of standard methods for predicting travel in urban areas. General characteristics of urban travel and urban transport systems are presented along with a discussion of typical issues pertaining to urban areas. Methods used to evaluate alternatives and resolve issues are presented. These include trip generation, trip distribution, Traffic Assignment, and mode split.

URPL 442: PLANNING FOR SUSTAINABLE DEVELOPMENT

This course focuses upon sustainable development beginning with an overview of the history and theories of sustainability. The powers of local government to affect sustainable and zero emission outcomes are evaluated, and examples of local sustainability and climate change plans are reviewed. The course then addresses individual aspects of the elements of the built environment that local governments have some control over: energy use, transportation, land use and urban design decisions, water infrastructure and reuse on-site, municipal solid waste (one of the easiest ways a locality can reduce its carbon footprint), and green buildings, public health and neighborhoods. Green economy, equity and environmental justice issues are also treated. Ways to coordinate goals of environment, economy, and equity at different scales of planning are addressed, including the region, the city, the neighborhood, and the site. Examples from around the world, with a rich tradition of sustainability efforts will also be included. Some also call these efforts, the “greening” of cities although for many the economic and equity issues are equally important.

URPL 444: PRACTICAL TRAINING

Practical training is a significant part in fulfilling the requirement for the bachelor's degree at the College of Architecture and Planning. It gives the student the opportunity to practice both office and field works equally. It provides the student with practical skills and knowledge of the planning profession at the local, urban, or regional developmental levels. It is conducted in a certified public or private agency practicing the planning functions. Besides, it is regulated and managed at the College level. The training period extends for eight weeks during the summer of the third year. The trainee must complete 200 hrs (25hrs/week for 4 weeks).

URPL 501: DESIGNSTUDIO (9): GRADUATION PROJECT (1)

Design Studio (9) followed by Design Studio (10) are two consecutive phases of the final Graduation Project. They are last opportunity for students to apply all their skills and knowledge in formulating comprehensive plans and policies and to develop implementation strategies in a professional way concerning a local, urban or regional developmental problem. Design Studio (9) is the first phase. The studio concentrates on the data collection and analysis stages of the developmental process. The student defines a feasible planning problem. Then, he collects information to build better understanding of the selected problem. He analyzes the collected data in order to reach the main objectives of the planning stage. He develops at least three development scenarios or concepts based on clearly defined elements of the previous analysis. The student evaluates the concepts based on assessment criteria reflecting the goals and objectives of the projects and based on a scientific selection process.

URPL 502: DESIGN STUDIO (10): GRADUATION PROJECT 2

Design Studio (10) is the second phase of the final Graduation Project of each student. In this phase, the student develops the planning concept selected in the previous phase of the project. He elaborates on the physical, social, economic, and environmental characteristics of his selected planning alternative. The student is expected to spell out an implementation framework (who does what, when, where and how). He defines appropriate policies, actions and legal instruments (such as public investments, public-private-partnership, development control mechanisms, incentives and disincentives, etc.) to be used at various places and at various times. The student

is encouraged to use innovative management tools such as place-marketing, events-marketing, websites deployment targeting potential developers.

الموقع: وسط الخبر. المملكة العربية السعودية
فكرة المشروع:
توفير بيئة حضرية ملائمة للمشاة في المنطقة حيث تفتقر المنطقة للخدمات الخاصة بالمشاة من الناحية التنظيمية والناحية الجمالية والأمان حيث تعتبر حركة المشاة أحد العوامل المهمة في تشكيل المدن منذ القدم وبمرور مختلف مراحل تطورها فرائها ووظيفياً

وبناءً على ما سبق يهدف للمشروع إلى وضع حلول تصميمية لارتقاء بيئة حضرية أفضل للمشاة

الموقع العام

ير التركيز على قطع معين من المنطقة لم عمل فيه
حلول تصميمية والترويج بحطط عام
عناصر التصميم المستخدمة في المشروع:
المواقف
الأرصفة
أنث الطريق

مرتضى الزاكي
Mortada ALZAKI
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حسين البيئة الحضرية
للمهندسة في وسط الخبر

Student Graduation Project: Improvement Plan of Khobar CBD.



Student Graduation Project: Book of Abstracts for the years 2012 and 2013

URPL 511: PLANNING LAW & ADMINISTRATION

The course discusses the legislative and administrative institutions related to planning in the Kingdom of Saudi Arabia and points to their history, development, current structures and the role of planning and control of the built environment. It provides the outline of the institutional processes of formulating national planning policies, local plan preparation, planning byelaws, rules and regulations in controlling, guiding and managing urban development in the country. Further the course discusses the town planning byelaws and procedures as practiced in some of the leading countries to develop a comparative perspective in the subject matter.

URPL 522: PROFESSIONAL TRAINING&PLANNINGPRACTICE

This course is concerned with improving students' professional qualities and attitudes with emphasis on: planners' perception of their work and public expectation; understanding the political nature of decision making, planner' expertise, effectiveness, autonomy, and legitimacy; principles and procedures professional practice such as professional ethics, client relations, and inter-professional collaboration and marketing of professional services. In particular, it aims to help the students make the transition from planning theory to planning practice. This transition will be in accordance with the new planning principles and codes of ethics introduced by internationally recognized institutions such as, American Planning Association and the Urban Land Institute.

URPL 521: RURAL PLANNINGAND DEVELOPMENT

The course is designed to introduce planning students to the general concepts and approaches of rural planning and development. We begin by defining what is “rural” and identify the criteria that determine what is “rural” from “urban”. We examine a range of concepts, approaches and tools that planners use in the field of rural planning and development. The socio-economic problems in rural areas will be explored in more details, then, the concepts of community economic development and sustainable rural development will be introduced and examined. The Saudi Arabian rural development system will be explored, and different case studies will be examined.

URPL 532: PUBLIC FINANCE AND BUDGETING

The course introduces planning students to the fiscal role of government in the modern mixed market economy, with an emphasis on the functions of budgeting and public finance in the planning field of modern governments. The various dimensions of budgeting and public finance theory and practice which are examined include: basic principles and concepts, forecasting, resource allocation, executive and legislative budget processes, budget preparation and development, budget reforms, capital budgeting, revenue policy and administration, and principle of taxation, the Saudi budget system will also be examine in more detailed.



Student Presenting his Project to Jury Members.

BURP Elective Course Descriptions

URPL 550: SPECIAL TOPICS INURBANDESIGNAND HOUSING

Since the city could be seen in terms of masses and spaces, urban space could be considered as major and critical component of city fabric. The importance of designing urban spaces lies on their role as communications elements and social public interactions. A careful arrangement of urban spaces sequence or composition and the form of each individual urban space affect human public activities. The course is structured according to the special area of expertise of the instructor or to meet the demand for a certain subject area by students within the fields of Urban Design and Housing. The Course is divided into two major parts: theoretical and practical. The theoretical part is introduced in form of lectures and seminars or discussions; while the practical

part is introduced through assignments carried out by students in the field to enhance the comprehension of the theoretical part.

URPL 551: DESIGN OF LARGE-SCALE URBAN SPACE

Since the city could be seen in terms of masses and spaces, urban space could be considered as major and critical component of city fabric. The importance of designing urban spaces lies on their role as communications elements and social public interactions. A careful arrangement of urban spaces sequence or composition and the form of each individual urban space affect human public activities. The Course is divided into two major parts; Theoretical and Practical. The theoretical Part is introduced in form of lectures and seminars or discussions, and the Practical part is introduced through assignments carried out by students in the field, in order to enhance their comprehension of the Theoretical part.

URPL 552: HOUSING ANALYSIS AND DESIGN

The course provides explanations of residential land use patterns; location characteristics, determinants of residential land use; distribution of population and densities within the metropolitan area; study of existing housing stock; housing market analysis; optimization of resource allocation in the housing sector; housing equilibrium; and demand and supply constraints; value attributes of housing and lifestyles; preparation and formulation of housing policy in the Muslim social context.

URPL 553: URBAN CONSERVATION & RENEWAL

The aim of course is to enable students to understand the evolving processes of the urban conservation and its multi- dimensional character as the key aspect of urban regeneration within the sustainability context of the 21st century. It considers the social and economic aspects of the historic preservation of the built environment. Class projects include survey of historical core of the city and structural condition of buildings therein; definition of sphere of influence for the central areas; three-dimensional evaluation of the urban form; techniques and policies of conservation and renewal; social and economic aspects of urban renewal; staging of urban renewal projects and community participation.

URPL 554: CITYSCAPE & BEAUTIFICATION

The course introduces the elements of cityscape and thereafter discusses the following: Horizontal and vertical surfaces as delimiters of urban space, qualitative improvement of horizontal and vertical surfaces; street furniture design and detailing; urban beautification principles; long- and short-range policy measures for the enhancement and upgrading of urban spaces.

URPL 555: URBAN IMAGE

The course deals with how individuals perceive and navigate the urban landscape, and how they perceive and organize spatial information. It explores the presence of time and history in the urban environment. The emphasis of the course is on how to employ human perception of the physical form of cities and regions as the conceptual basis for good urban design. The course starts with a discussion of the multi-sensory nature of perception, and covers the following topics: spatial characteristics and qualities of urban environment, elements of urban image and construction of ‘mental map’, urban morphology and visual evaluation; cross-cultural view of the city, socio-cultural image of the city; characteristics of the Middle-eastern city.

URPL 556: NEW TOWNS AND RECENT URBAN DEVELOPMENT

This course reviews the theories and issues in New Towns development, their historical evolution in the West and the East, and their typologies and roles in both regional and national development. Recent urban developments in Saudi Arabia are explored with emphasis on major design issues such as relationships between activities: services (residential, commercial, administration, etc.) and production (industrial, employment, etc.). The course clarifies the main design elements in each of these activities. Future directions of urban planning and design of new towns are explored.

URPL 560: SPECIAL TOPICS IN SOCIAL AND ECONOMIC PLANNING

This course is intended to provide a degree of flexibility in content for both faculty and students within the field of Social and Economic Planning. The course may be structured according to the specific area of expertise of the instructor or to meet the demand for a certain subject area by students. The course is organized in a way to allow students to carry out research studies in approved themes serving the selected course topic in the field of Social and Economic Planning under supervision of the instructor. The specific topic of the course is subject to the approval of the Department Council.

URPL 561: FACILITIES PLANNING

Introduction to the definition and types of facilities, description of the process and methods of planning of public facilities, including the determination of the number, size and location of facilities, planning consideration for facilities critical in an emergency situation, case studies of facilities in different contexts.

URPL 562: SOCIAL AND COMMUNITY SERVICES PLANNING

The Course reviews the theories and concepts influencing social services and community facilities, principles and standards in planning and development of community facilities and services; evolution of existing community services in respect of public health, education, recreation, amenities and utilities, and their efficiency and effectiveness, in terms of their location and service radius. The course contents focus on un-met needs in under-served population groups, and on improving services and facilities in the community. The course also introduces the idea of self-sufficiency and self-reliance; and also discusses opportunities in efficient delivery of services with minimum administrative overhead costs.

URPL 563: SOCIAL POLICY PLANNING

The course first highlights the need for social development planning aimed at reducing social conflict and ensuring equitable development opportunities for all citizens. Thereafter, the course

establishes the need for social policy planning and its scope; identifies crucial areas of social planning; discusses the need for human resource development and the required support services towards ensuring comprehensive and sustainable development; and discusses the methodology and contents of social policy planning and cross-cultural experience in social policy planning in developing countries highlighting the role of government and institutions in social policy formulation.

URPL 564: ECONOMIC ANALYSIS FOR PLANNING PRACTITIONERS

The course is an introductory course in the application of basic principles of economic analysis to problems of urban planning and policy. It is designed to acquaint students with the essential elements of quantitative and qualitative economics that are most relevant to the practice of city planning. The course will explore issues such as: (1) how the basic tools of microeconomic analysis can expand and strengthen the planner's capacity to address city planning problems and issues; and (2) how to analyze critically the strengths and weaknesses of various economic approaches to, and justifications of, urban policy-making. The study of theory will be augmented by case studies and practical exercises in applying economic analysis to current planning problems in the Dammam, Riyadh, Jeddah, and elsewhere in Saudi Urban System.

URPL 565: REGIONAL ECONOMIES: THE MIDDLE EAST EXPERIENCE

The Middle East is a large, complex and diverse region, which faces a wide range of economic issues. Our focus will be on the economic development, current economic policies and the future economic prospects of the following countries: Saudi Arabia, Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Qatar, Syria, Yemen, and the United Arab Emirates. The course will examine the following economic realities of the region and compare them across the Middle East economies (in varying degrees of depth): technology gap and comparative development; the value of education and human capital development; water and food security; the economics and politics of oil; population growth, role of gender and labor mobility; the role of the state as economic actor; the economic value of democracy; the prospects for regional integration; and economic impact of tourism.

URPL 566: POLITICAL IMPACTS OF DEVELOPMENT

This course is an introduction to the political, social and economic issues involved in the theory and practice of community and economic development. It is about people in diverse cultural and ethnic communities and neighborhoods, and how they mobilize to play a role in the planning and development of their communities. Particular focus is on: national policies and programs (social, economic and political); the unique role of community-based economic development initiatives; the critical importance of the policy and planning process in balancing the conflict between private-sector profitability and the public interest/community accountability; and a critique of the politics of "trickle down" vs. "bottoms up" social and economic strategies. Focus will be given to how Saudi national policies impact our real-life communities and neighborhoods with particular focus on social, economic, political, and environmental justice.

URPL 567: LAND ECONOMICS

The course aims to introduce planning students to the economics of land uses, with an emphasis on the supply and Demand of land for economic use; the nature and significance of economic rent; real-estate prices and allocation of resources. The various dimensions of land economy (housing, offices, retail, and property valuation) will also be examined in terms of market comparison and replacement cost approaches, operation of real estate markets, land development and investment costs, economic meaning of land conservation; conservation of real estate.

URPL 568: PUBLIC POLICY ANALYSIS

This course is an introductory exploration of policy analysis. It assumes that planning student already has some familiarity with the basic concepts and terminology of public policy and public administration. This course will provide students with both rapid and more complex methods of public policy analysis. It will cover important considerations in the process of policy analysis such as identifying data sources and weighing the utility of data; establishing criteria for analyzing policies; assessing policy alternatives; choosing among policies; and monitoring policy implementation.

URPL 570: SPECIAL TOPICS IN TRANSPORT & TRAFFIC PLANNING

This course is intended to provide a degree of flexibility in content for both faculty and students within the field of Transport and Traffic Planning. The course may be structured according to the specific area of expertise of the instructor or to meet the demand for a certain subject area by students. The course is organized in a way to allow students to carry out research studies in approved themes serving the selected course topic in the field of Transport and Traffic Planning under supervision of the instructor. The specific topic of the course is subject to the approval of the Department Council.

URPL 571: ROAD ENGINEERING DESIGN

This course introduces the design concepts, material properties and performance criteria are used together with vehicle loading criteria, to demonstrate how they are combined to design road pavements. Another objective is to describe the principles of geometric design fundamentals, in relation to safety and driver comfort, focusing on horizontal and vertical alignment. It will give the student all the stages of the road design process, and all the related design documents, also it elaborates the relation between the road planning process and the design stages. It introduces the general computer applications in this aspect. The students perform examples so they can see how the principles and their application come together in a design.

URPL 572: TERMINALS PLANNING AND DESIGN

This course addresses the characteristics of transportation terminals on a mode-by-mode basis (seaports, railways, airports, parking lots, etc.). It reviews methodologies used to study terminal operations for different modes and the management of congestion (input-output diagrams, simulation, optimization, queuing). Although the course covers all transportation modes, freight terminals (ports and railways) receive extra attention to passenger transportation terminals. Besides, the course presents a number of recipes for examining and improving terminal operations. The course also presents the related aspects of terminal operations through modeling and (if necessary) observation.

URPL 573: TRAFFIC SURVEYS AND PLANNING

The course will provide knowledge on transportation & Traffic surveys; data collection and analysis methods as well as selection and interpretation of appropriate statistical tests that are relevant to the solution of the studied problem. It illustrates the most important surveys e.g. volume studies, density, speed studies, and OD surveys, etc. It highlights survey organization and implementation of transport projects and elaborates the cost & accuracy considerations in designing & planning transportation surveys.

URPL 574: ENVIRONMENTAL IMPACT ASSESSMENT OF TRANSPORTATION PROJECTS

In the context of sustainable development, this course addresses the transport issue of how to make social and economic progress possible with the least damage to the human, natural and built environments. The course identifies and discusses the potential environmental impacts resulting out of the transport system. Ways and means that can be used for measuring these impacts are presented. The framework and techniques that can be used for environmental impact assessment are discussed. The course takes an emphasis also on Traffic Impact Analysis. Traffic impact studies identify traffic problems and suggest ways for relieving these problems resulting from new or expansion of existing land use developments. The process involved in conducting a traffic impact assessment is thoroughly presented and discussed. Specific matters like noise pollution, visual impact and air pollution are presented. Finally, the course concludes by discussing a set of policies and measures that can be used to relieve the deleterious effects of the traffic system both on the natural as well as on the physical environments.

URPL 575: TRAFFIC ENGINEERING

This course introduces the field of transportation engineering with emphasis on traffic engineering. Topics covered include a description of the transportation industry and transportation modes; characteristics of drivers, pedestrians, vehicles and the roadway; traffic engineering studies, capacity analysis, and level of service analysis, intersection design and control, traffic signals: capacity, delay, allocation and optimization of phase times. Studied also, are control of combinations and networks of signals, highway safety, parking, and computer applications in traffic engineering.

URPL 580: SPECIAL TOPICS IN SUSTAINABILITY & DESERT DEVELOPMENT

This course is intended to provide a degree of flexibility in content for both faculty and students within the fields of Urbanization, Sustainability & Desert Development. The course may be structured according to the specific area of expertise of the instructor or to meet the demand for a certain subject area by students. The course is organized in a way to allow students to carry out research studies in approved themes serving the selected course topic in the field of Transport and Traffic Planning under supervision of the instructor. The specific topic of the course is subject to the approval of the Department Council.

URPL 581: CITY MANAGEMENT AND ADMINISTRATION

This course explains the political and administrative setup of local government and city management functions. The course covers the following concepts and topics: introduction to management thoughts and concepts, city government and its relationship with other level of national government, city management functions. City management is devoted to creating a positive interaction between urban needs and Personal inhabitants' interests and needs. Urban Equality, Public Participation, socio-economic and personal feeling of secure are critical parameters in modern concepts of City management.

URPL 582: DESERT DEVELOPMENT & TECHNOLOGY

The course covers four themes: (1) Understanding the desert environment; its characteristics, obstacles and potentialities, (2) Examining the role of development technology in facilitating desert settlement, (3) Critical review of desert development practices in the world, the Middle East Region and in the KSA, and (4) A search for proper planning strategies for settling the desert. The course is an elective course recommend to planning students; yet, students from other programs and departments of the College of Architecture and Planning and other Colleges of the University of Dammam may find it interesting and useful.

URPL 583: KNOWLEDGE-BASED SPATIAL DEVELOPMENT

This course is an introductory exploration of the engineering of creative places through knowledge-based spatial development. In many cities and nations, in recent years, policymakers have realized the importance of engineering and orchestrating knowledge places (incubators, precincts, hubs, cities, regions or mega-regions) as key strategies for integrative economic, socio-cultural and physical development. In these physical entities' knowledge and information (and the social and technological settings for their production and communication) are used as tools to economic prosperity. The economy of knowledge-based places creates value-added products using research, technology, and brainpower. However, the social benefits of these knowledge-based places extend beyond aggregate economic growth or the locality. Thus, their global appeal planners and development analysts.

URPL 584: URBAN DIGITAL IMPACTS

The course seeks to introduce planning students to the general concepts and approaches of how advances in Information Technology are changing the ways cities function and develop in the digital era. At the macro-level, the course explores urban places are being complemented with, and sometimes substituted by, an increasing array of digital spaces in cities and regions. At the micro-level the course explores the activities of individuals, households, firms and institutions and how they are by affected by the digital technology in their daily activities at work, residence, educational places as well as at social and recreational places. The challenges and opportunities these interactions and transformations posed will be examined along with suitable strategies of responding to them.

URPL 585: PROJECTS MANAGEMENT FOR PLANNERS

This course introduces students to the concept of effective Project Management (planning, prioritizing, scheduling, budgeting, negotiating, organizing, controlling, managing change, motivating, coaching, and refereeing) and is intended to develop a strategic thinking about Project Management. Topics covered in the course include the Triple Constraint Theory (scope, time and cost), Critical Path, PERT, Gantt and Critical Chain Project Management (CCPM) methods. Besides, the content will focus on two domains. The first domain covers the concepts, theories and process groups of the Project Management during the project life cycle (PLC);

namely, Project Initiation, Project Planning and Design (or developing), Project Execution (or production), Project Monitoring and Controlling, Project Completion (or closing). The second domain explores the nine “knowledge areas” of project management; namely, scope management, time management, cost management, quality management, human resource management, communications management, risk management, procurement management and Integration Management.

URPL590: SPECIAL TOPICS IN PLANNING GEOINFORMATICS

This course is intended to provide a degree of flexibility in content for both faculty and students within the field of planning geoinformatics. The course may be structured according to the specific area of expertise of the instructor or to meet the demand for a certain subject area by students. The course is organized in a way to allow students to carry out research studies in approved themes serving the selected course topic in the field of planning geoinformatics under supervision of the instructor. The specific topic of the course is subject to the approval of the Department Council.

URPL591: ADVANCED RS APPLICATIONS IN URBAN & REGIONAL PLANNING

Geographical information systems (GIS) and remote sensing technology are routinely applied in resources survey and management, in environmental management, and in urban and regional planning. Although these different application fields share many of the core principles, each has its own particular approach and methods of using GIS and remote sensing. The relationship between remote sensing and urban- regional planning is significant in large part due to the strong spatial component within urban and regional planning. However, it is nevertheless necessary to have frequent overview of the interface between remote sensing and urban and regional planning, particularly in the light of developments in the types of image data and techniques. The use of remote sensing within urban and regional planning provides a rich range of examples of the interface, including application of some of the latest types of image data. In this course is an overview of the interface that remote sensing has with urban and regional planning. In this course the student will learn how to use remote sensing techniques in his studies of land use, settlement development, transportation, vegetation, water resources, environmental problems, regional geology, and mineral resources. There are many kinds of remotely sensed imagery for such

studies and the student can learn from this course how to interpret remotely sensed imagery and geocoded data.

URPL 592: ADVANCED GIS APPLICATIONS IN URBAN & REGIONAL PLANNING

The course introduces a variety of advanced topics in GIS that will equip learners with skills and knowledge to better deal with real life issues in GIS applications in Urban and Regional Planning. The topics of the course are selected based on the needs and interests of both students and instructor/s of the course. Topics to be covered include the quality of data and data standards, errors and uncertainty in data, error propagation, spatial (point and areal) interpolation, Modifiable Areal Unit Problem (MAUP), spatial autocorrelation, application of fuzzy sets and logic in GIS. The course would deal with theoretical issues with adequate exercises to demonstrate their practical applications.

URPL 593: PLANNING GEOINFORMATICS FOR DISASTER MANAGEMENT

This course shows the students how geoinformatics can be useful at different stages of disaster management, including hazard assessment, vulnerability analysis, risk analysis and emergency response. The discussion would focus on common hazards such as floods, earthquakes, storms and industrial accidents. Case studies from real life will be discussed to strengthen the learning process.

URPL 594: SPECIAL TOPICS IN URBAN AND REGIONAL PLANNING

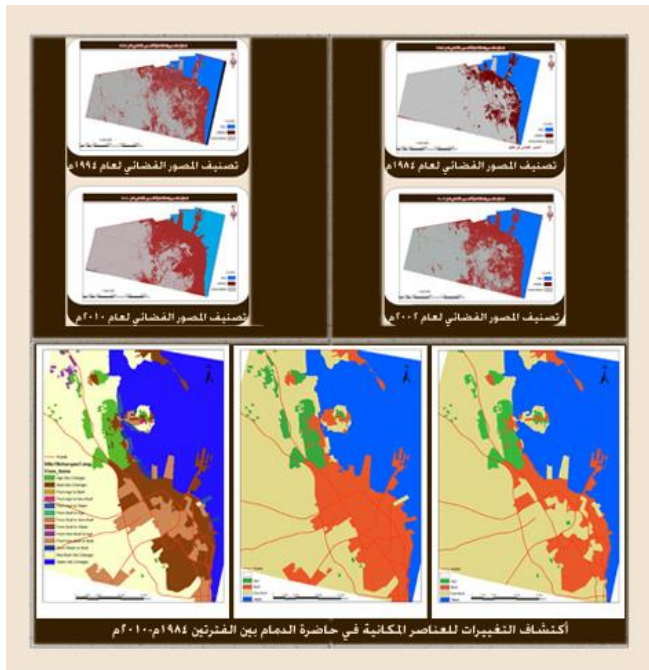
This course is intended to provide a degree of flexibility in content for both faculty and students. The course may be structured according to the special area of expertise of the instructor or to meet the demand for a certain subject area by students. The course is organized in a way to allow students to carry out research studies in approved themes serving the selected course topic under supervision of the instructor. The specific topic of the course is subject to the approval of the Department Council.

URPL 595: URBANIZATION IN SAUDI ARABIA

Introduce the students to a historical background of urban growth and urbanization in Saudi Arabia, structure and trends in urban population in Saudi Arabia, factors in urban growth and regional contrasts in urbanization, urbanization problems, and urban planning and policy in Saudi Arabia.

URPL 596: URBANIZATION & URBAN DEVELOPMENT

This course involves a study of the history of urbanization process and urban growth in the world, the existing structure and pattern of urbanization; sources of urban growth and regional contrasts in urbanization. Urbanization problems and urban planning and policy with special reference to Saudi Arabia are discussed.



Master of Urban and Regional Planning (MURP) Program

The master's program in Urban and Regional Planning began in 1984-85. This was a pioneering step in educating and preparing urban and regional planners in Saudi Arabia. After five years of successful operation the program was reviewed and revised with an aim to shorten the duration of the course. After careful deliberations the total credit hours required for the degree was reduced from a hefty 72 to 48, bringing it at par with most master's programs in the country.

During the last three decades the internal forces of economic growth and social development as well as the forces of globalization required realignment in the perspectives of planning. In view of the emerging changes in regional and urban structures and functions, the Master in Urban and Regional Planning (MURP) program of the Imam Abdulrahman Bin Faisal University was modified again in the mid-2010s. The modifications were designed to adequately meet the changing demands on the professional specializations of spatial planners in the country.

The MURP Program's Vision, Mission, Values, and strategic Goals are as follow:

Vision: Maintain a leading position in preparing competent professionals in the fields of urban, rural, and regional planning and real estate development, and thereby effectively contribute to the process of sustainable, balanced spatial growth and development.

Mission: Enhance and advance knowledge and skill and thereby prepare graduate students in carrying out meaningful research and be competent professionals to offer high quality community services in the field of local, regional, and national planning, as well as real estate development.

Values: Excellence, Professionalism, Creativity, Diversity Team Spirit, Islamic and Local Culture, and Social Responsibility

Strategic Goals: With a view to implement the program's mission, vision, and values, the goals of the MURP Program have been set to:

1. Enhance and advance knowledge and skills.
2. Carry out meaningful research.
3. Offer high quality community services.
4. Enhance human and professional competencies of all program affiliates.
5. Maintain sustainable working environment for students and staff.
6. Promote efficient administrative structure for the program.
7. Ensure economic competences in running the program.
8. Optimize the use of technological advancement in all program activities.

MURP Distribution of Credits

The MURP program requires a student to complete 48 hours of credit. The program has two specializations: Urban & Regional Planning, and Housing & Real Estate. Also, a student in either specialization can opt to do either a thesis (research option) or a project (professional option). The 48 credit hours (45 in the professional option) are distributed among the two years of study as follows:

Year	Semester	Credit Hours
1	Semester 1	12
	Semester 2	13
2	Semester 1	11
	Semester 2	12/9
Total in two years		48/45

MURP Curriculum

THESIS STREAM (RESEARCH OPTION)

Semester I		
Code	Course Title	Cr. Hr.
URPL 601	Urban and Regional Economics	3
URPL 602	Theories in Urban & Regional Planning	3
URPL 603	Research Methods	3
URPL 604	Methods & Techniques in Urban & Regional Planning	3
Semester Total		12

Semester II		
Code	Course Title	Cr. Hr.
URPL 605	Transportation & Land Use Development	3
URPL 606	IT in Urban & Regional Development & Management	3
URPL 607	Legal and Administrative Aspects of Planning	3
URPL 616/626	Workshop I: Local Development (Urban/Real Estate)	4
Semester Total		13

ACADEMIC PROGRAMS: (MURP)

Semester III		
Code	Course Title	Cr. Hr.
	Specialization Elective I	3
	Specialization Elective II	3
URPL 711/721	Workshop II: Regional Development (Spatial/Real Estate)	4
URPL 701	Thesis Seminar	1
Semester Total		11

Semester IV		
Code	Course Title	Cr. Hr.
	Specialization Elective III	3
	Specialization Elective IV	3
URPL 703	Graduation Thesis	6
Semester Total		12
Program Total		48

COURSES AND PROJECT STREAM (PROFESSIONAL OPTION)

Semester I		
Code	Course Title	Cr. Hr.
URPL 601	Urban and Regional Economics	3
URPL 602	Theories in Urban & Regional Planning	3
URPL 603	Research Methods	3
URPL 604	Methods & Techniques in Urban & Regional Planning	3
Semester Total		12

Semester II		
Code	Course Title	Cr. Hr.
URPL 605	Transportation & Land Use Development	3
URPL 606	IT in Urban & Regional Development & Management	3
URPL 607	Legal and Administrative Aspects of Planning	3
URPL 616/626	Workshop I: Local Development (Urban/Real Estate)	4
Semester Total		13

Semester III		
Code	Course Title	Cr. Hr.
	Specialization Elective I	3
	Specialization Elective II	3
URPL 711/721	Workshop II: Regional Development (Spatial/Real Estate)	4
URPL 702	Project Seminar	1
Semester Total		11

Semester IV		
Code	Course Title	Cr. Hr.
	Specialization Elective III	3
	Specialization Elective IV	3
URPL 704	Graduation Project	3
Semester Total		9
Program Total		45

Electives for Urban & Regional Planning Specialization

Group A		
Code	Course Title	Cr. Hr.
URPL 751	Techniques of Land Use Analysis	3
URPL 752	Regional Economic Development	3
URPL 753	Structure Planning Technique and Urban Policy Planning	3

Group B		
Code	Course Title	Cr. Hr.
URPL 754	Sustainable Urban Design	3
URPL 755	Islamic City & New Towns Planning	3
URPL 756	Housing Planning & Policies	3

Group C		
Code	Course Title	Cr. Hr.
URPL 757	Special Topics in Urban & Regional Planning	3
URPL 758	Guided Field Studies in Urban & Regional Planning	3
URPL 759	Geoinformatics in Urban & Regional Planning	3

Electives for Real Estate Specialization

Group A		
Code	Course Title	Cr. Hr.
URPL 771	Real Estate Valuation	3
URPL 772	Real Estate Market Studies	3
URPL 773	Real Estate & Urban Land Economics	3

Group B		
Code	Course Title	Cr. Hr.
URPL 774	Development Control & Real Estate Laws in KSA	3
URPL 775	Urban Public Services Management	3
URPL 776	Real Estate Development & Financial Management	3

Group C		
Code	Course Title	Cr. Hr.
URPL 777	Special Topics in Real Estate Development	3
URPL 778	Guided Field Studies in Real Estate Development	3
URPL 779	Geoinformatics in Real Estate Development	3

MURP Course Descriptions

URPL 601: Urban and Regional Economics

The course introduces the basic concepts of economics in relation to urban and regional planning professionalism with a special focus on the Saudi Arabian context. Various urban and regional economic theories and concepts that policy makers and planners use to create healthy spatial/space economies will be focused upon. The course begins by examining the role of the urban and regional economic development specialist, and then examines a range of tools and techniques that planners used in the field of urban and regional economic development. It explores issues of market force, location decisions, land use patterns (housing, CBD, retail, manufacturing, and transportation), land rents, real estate market. It also looks into the role of technology on urban and regional economic development and looks at real international cases (with particular attention to Saudi Arabia) to understand what has occurred in specific contexts.

URPL 602: Theories in Urban & Regional Planning

The course reviews historical and current thoughts in urban and regional planning- the key dilemmas in planning practice, changing role of planners, rationality and comprehensiveness in development policy formulation. The course also demonstrates planning as a process, planning as decision making and its relation to social, economic, political and administrative processes. It also provides alternative views on the role and scope of government.

URPL 603: Research Methods

The course is designed to support master's degree students in developing their research projects and to assist them in defining their mode of enquiry. The course gives them a general introduction to graduate research, its methodologies, its challenges and its organization, including creative practices in carrying out a research project. Students are also introduced to a range of research tools and will be equipped to plan and organize their research as well as to communicate their research findings.

URPL 604: Methods & Techniques in Urban & Regional Planning

The course identifies the components of urban development plan in the framework of urban and metropolitan planning process including goal formulation, plan generation, plan evaluation, implementation and monitoring. Popular planning techniques e.g. demographic, economic base /employment analysis, land use planning, zoning and urban growth control measures, strategies for intervening in the formation of social and economic areas, distribution of social services and facilities, and other policy measures to introduce planned changes. The course relates urban planning to its regional context by introducing regionalization of National Development Plan and regional development strategies and policies. Basic techniques of regional analysis, regional accounting, shift-share analysis, regional growth and linkages etc. in estimating growth of regions are introduced in the course. The course also discusses the realities of plan implementation including political, administrative and equity aspects of planning.

URPL 605: Transportation & Land Use Development

This course reviews the classic transportation planning and land use models. These include the four-stage transportation model, including the famous Lowry land use model. The course specifically explores transportation issues in urban and regional development including impact of major facilities on the environment such as urban congestion, economic cost vs. energy cost, environmental pollution and social equity. The course includes Traffic Impact Analysis and suggests ways for relieving these problems resulting from new or expansion of existing land use developments. The process involves generic traffic problems and methods for measuring the intensity of such problems. The course concludes with introducing concepts involved in developing a transport friendly urban center.

URPL 606: IT in Urban & Regional Development & Management

This course examines the application and impacts of information technology on urban and regional planning practices and their effects on spatial change, social transformation and wealth creation in Saudi Arabia against the backdrop of global experiences. It will examine both the application of knowledge and IT tools by development actors (residents, firms and institutions) in their activities to shape multi-level spatial systems, and how purposely created spatial units (technology incubators, technology parks, knowledge cities and regions) are being used to create new economy and new society.

URPL 607: Legal and Administrative Aspects of Planning

The course begins with highlights on the importance of the study of planning legislation and planning ideology, and then goes on to review the basis and significance of planning legislations and the administrative organs, procedures and systems necessary for urban planning, plan implementation, development control, development guidance and management, specifically examining land development and control on the one hand and urban growth management on the other. The course also highlights some international practices with respect to planning laws and byelaws and their applications. The course further introduces the basis of planning legislation in Saudi Arabia including the Islamic principles related to development control. The course covers the spectrum of existing planning laws and byelaws with respect to urban and regional plan

preparation, plan implementation, development control, development guidance and management.

URPL 616: Workshop I: Local Development (Urban)

The workshop is to train students to organize teamwork to investigate and analyze development planning problems at urban levels. Project assignments would focus on problem identification, goal formulation, and development of methodology, data collection, data tabulation and analysis, conclusion towards problem solving. Students are introduced to basic proficiency in graphic, written and oral communication skills.

URPL 626: Workshop I: Local Development (Real Estate)

The workshop is to train students to organize teamwork to investigate and analyze real estate related issues at urban levels. Project assignments would focus on problem identification, goal formulation, and development of methodology, data collection, data tabulation and analysis, conclusion towards problem solving. Students are introduced to basic proficiency in graphic, written and oral communication skills.

URPL 701: Thesis Seminar

The seminar is centered on contemporary urban/rural/regional planning issues and/or development problems. Through the deliberations in the seminar, students will identify researchable problems to be investigated in greater detail which will be formalized by individual students into a thesis to fulfill the requirements for the Masters' degree. The seminars will be given in a progressive manner. The seminar will be given by each student individually presenting their conceptualization of the problem to be investigated.

URPL 702: Project Seminar

The seminar is centered with contemporary urban/rural/regional planning issues and/or development problems. Through the deliberations in the seminar, students will identify researchable problems to be investigated in greater details which will be formalized by individual students into a graduation project to fulfill the requirements for the Masters' degree. The seminars will be given in a progressive manner. The seminar will be given by each student individually presenting their conceptualization of the problem to be investigated.

URPL 703: Graduation Thesis

The main objective of the master's thesis is to train students to produce research based on the initiative and efforts of individual students under the supervision of professors with extended research experience of their own. Each student will be required to select a topic of research and develop a methodology guided by his supervisor. The thesis proposal has to be approved by the Departmental, College and Graduate Studies Councils. The completed thesis should be submitted following the rules and specifications prescribed by the university. Each student shall be required to present the thesis orally to a board of examiners and the board will examine the student to evaluate the quality and acceptability of the thesis. The thesis will be accepted on a positive recommendation by the board.

URPL 704: Graduation Project

Graduation project is meant to be an alternative to a thesis particularly since urban/regional planning profession is committed to solving problems of development in the real world. Therefore, students who are interested in making worthwhile contributions in solving real world problems would be encouraged to undertake a major project from the real world at city, region or national territorial level. Such a project would naturally involve intensive fieldwork under the guidance of a supervisor or a team of supervisors. The project will investigate and analyze an existing problem and invent a feasible, realistic and sustainable solution. The work will be prepared in a professional report format and presented in the same form and specification as that of a thesis.

URPL 711: Workshop II: Regional Development (Spatial)

The objective of this workshop is to train students to organize teamwork to investigate and analyze development planning problems at sub-national, regional and sub-regional spatial levels. Project assignments would focus on problem identification, development goal formulation, and goal achievement through field investigation, data collection, data tabulation and analysis, conclusion towards problem solving. Project completion would include skills in formulation of strategies and policies, identification of programs and projects, and recommendation of tools and mechanisms for implementation of those projects and programs.

URPL 721: Workshop II: Regional Development (Real Estate)

The objective of this workshop is to train students to organize teamwork to investigate and analyze real estate related issues at sub-national, regional and sub-regional levels. Project assignments would focus on problem identification, development goal formulation, and goal achievement through field investigation, data collection, data tabulation and analysis, conclusion towards problem solving. Project completion would include skills in formulation of strategies and policies, identification of programs and projects, and recommendation of tools and mechanisms for implementation of those projects and programs.

URPL 751: Techniques of Land Use Analysis

The course presents various techniques of land use analysis (Lowry model, Penn-Jersey model, Kain model, Policy Oriented Gaming) and how they are used in urban planning. The topics to be discussed include, but are not limited to, activity system analysis in the framework of system theory of planning, threshold analysis technique, land use and transportation interactions, information systems approach, growth management practices etc. The course will also present perspectives on future potentials and scenarios of urban land use as impacted by information technologies.

URPL 752: Regional Economic Development

The course introduces the notion of ‘economic space’ (as distinct from geographic space) in order to explain the nature of economic regions. The course then dwells on the field of regional economic development and discusses the theories /mechanism how economic development spreads throughout a national territory and beyond with the help of planning of regional resources including natural, human, cultural and institutional.

URPL 753: Structure Planning Technique and Urban Policy Planning

The aim of the course is to introduce the concept, nature and scope of structure plan as it developed in the UK and now adopted in the KSA. The course identifies the salient features of structure plans and how they differ from the conventional master plan in terms of planning processes and practices. The course also covers institutional arrangements that are required to facilitate structure planning process as well as its implementation. Further, the course includes urban policy planning as practiced in the USA and examines its relevance in Saudi Arabia.

URPL 754: Sustainable Urban Design

This course explores the relationship between environment, ecology and urbanism. It examines the multiple, interrelated ecological and social systems operating in the city. The course utilizes innovative design processes and techniques that would serve to create a higher quality of life and environment with a particular emphasis on the effectiveness of sustainable design approaches at varying scales.

URPL 755: Islamic City & New Towns Planning

The course focuses on discussing the Islamic principles that governing the life of individuals and society as a whole and their implication in modern city planning. It provides also an historical overview of some of the most important cities of the Islamic world, such as Medina, Damascus, Baghdad, Cairo, and Istanbul, with emphasis on the development of their physical and socio-economical characters. Based on these, the historical preservation as well as possible means for

recovering the essence of the Islamic city in our contemporary environment will be discussed. In addition, the course looks at the ideals, theories, and principles relating to modern new towns development. It addresses the evolution of new towns concept, urban growth and new towns policies at regional scale. It focuses on new towns design and physical layout, social and economic planning, and financing and legislative aspects.

URPL 756: Housing Planning & Policies

The course reviews the evolution of housing development as a process of development of human civilization including the old and the new techniques and approaches in housing. This is followed by a discussion of housing in the urban system and the place of housing in the national development process and its place in the national development plan. The course also covers methods and techniques in housing survey; identification of housing needs, basis for housing policy making, principles and systems of housing the low-income groups and the concept of affordable housing, housing management and housing finance.

URPL 757: Special Topics in Urban & Regional Planning

The course is intended to provide opportunities to selected students who may show interest in some special topics in the urban and regional planning to which a faculty member might have sufficient contribution and specialist knowledge. The course will be designed and offered from time to time by the faculty specializing in such a branch of knowledge. The content of the course varies and depends on the prior consent of the scientific Department and the College.

URPL 758: Guided Field Studies in Urban & Regional Planning

The course is intended to provide opportunities to selected students who are interested in some phenomenon in the urban and regional development field or would like to try to solve a particular problem in the real world. Such a study will involve fieldwork and assignments aimed at solving the problem so identified. The work will be supervised jointly by an instructor in the department and personnel from concerned agency who may be the client of the study project.

URPL 759: Geoinformatics in Urban & Regional Planning

This course is designed to introduce the basic principles of Geographic Information Systems (GIS), Remote Sensing (RS) and Global Navigation Satellite Systems (GNSS). The focus would be to develop an appreciation of how these technologies may be applied to help the tasks of planners in the profession.

URPL 771: Real Estate Valuation

This course involves critical examination of appraisal concepts and methods; the role of value estimates in private land use and real estate investment decision and in the implementation of public policies affecting urban development. The course includes various methods used in the valuation of the different types of real properties. The course also includes market analysis techniques, evaluation of development projects, and problems of real estate management. The course uses experience and case studies from developed countries in Europe, USA as well as the Asian countries.

URPL 772: Real Estate Market Studies

This course teaches the principles and dynamics that underlie real estate markets. The course is designed as a practical guide for analyzing the market potential of real estate developments in a variety of sectors e.g. residential (single family dwellings, compounds, multi-story apartments), commercial, industrial, recreational, educational, public institutional, etc.

URPL 773: Real Estate & Urban Land Economics

This is a course introducing the nature and scope of real property including such basic topics as the role of real estate development in national, regional and local economy, urban land resources and urban development, metropolitan growth and rational urban land utilization; tools of control and guidance in the urban land market, real property and investments in real properties, the ideals of housing democracy and public policies in housing, housing market analysis including supply

and demand in the urban housing sector and the issue of equity participation in urban housing market, investment properties, banks and mortgage lending institutions etc.

URPL 774: Development Control & Real Estate Laws in KSA

The course introduces to students some selected theories, concepts and principles of public laws and byelaws which are useful in controlling and guiding socio-economic and physical development of communities. The course then introduces a profile of the existing patterns of urban growth and land factors in the KSA, and then outlines the legal mechanisms of land development and control and the existing development control measures in the Kingdom. The course further explores Islamic principles related to development control. The course also introduces the newly formed real estate laws in the Kingdom.

URPL 775: Urban Public Services Management

The course enlists the common experience of constraints and often-inadequate resources for municipal services, the need for efficiency, and the necessity of managing municipal programs and services effectively and equitably. This is done through reviews of selected international cases in municipal management, organization, financial management, program planning and budgeting, and administration of municipal functions. The course then examines how services are provided by local governments in the Kingdom. The course covers the administrative structure of municipalities and regional and sub-regional districts, conduct of elections, protective and regulatory services, refuse collection and solid waste disposal, the operation and financing of water and sewer utilities, and general public works services. The course also considers how municipal employees should deal with requests and complaints from the public regarding municipal services.

URPL 776: Real Estate Development & Financial Management

The course is designed to give the student a multidisciplinary overview/survey of the development process – from conception of the idea/vision through project completion and ongoing management.

URPL 777: Special Topics in Real Estate Development

The course is intended to provide opportunities for students who may show interest in some special topics of their choice and in such areas some specific faculty member may have expertise of interest. The course will be variable. The syllabus and course contents for each topic will be worked out by each faculty independently and approved by the department academic committee. Consent of the faculty will have to be obtained in advance.



Some Faculty members involved in the MURP Program.

URPL 778: Guided Field Studies in Real Estate Development

The course is intended to provide opportunities to selected students who are interested in some phenomenon in the real estate development field or would like to try and solve a particular problem in the real world. Such a study will involve field work and assignments aimed at solving the problem so identified. And the work will be supervised jointly by an instructor in the department and personnel from concerned agency who may be the client of the study project.

URPL 779: Geoinformatics in Real Estate Development

This course is designed to introduce the basic principles of Geographic Information Systems (GIS), Remote Sensing (RS) and Global Navigation Satellite Systems (GNSS). The focus would be to develop an appreciation of how these technologies may be applied to help the tasks of planners in the profession.



Final Jury of MURP Students.

Doctor of Philosophy Program (PhD in URP)

The Department of Urban and Regional Planning initiated a PhD in Urban and Regional Planning program in response to the Sixth Five-Year Plan of the state that invoked institutions of higher learning to contribute to national development so as to meet the new challenges of internal development and globalization, and to respond to the ever-expanding social and economic demands. The first batch of doctoral students was admitted in Rajab 1426H (September 2006G).

The PhD in URP Program's Vision, Mission, Values, and strategic Goals are as follow:

Vision: To maintain a leading position in preparing the graduates of the Urban and Regional Planning PhD Program to effectively contribute to the process of sustainable and balanced spatial development

Mission: To provide state-of-the-art knowledge, research, and professional skills to urban and regional planning doctoral students to augment their potential to enhance the life and environmental qualities of Saudi communities.

Values: Excellence, Professionalism, Creativity, Diversity Team Spirit, Islamic and Local Culture, and Social Responsibility

Strategic Goals: With a view to implement the program's vision, mission, and values, the goals of the PhD in URP Program have been set to:

1. Enhance and advance knowledge and skills.
2. Carry out meaningful and beneficent scientific research.
3. Offer high quality community services.
4. Enhance the competencies of human resources of the Program affiliates.
5. Maintain sustainable and stimulating work environment for students and staff.
6. Promote efficient administrative structure for the program.
7. Ensure economic competences in running the program.
8. Optimize the use of technological advancement in all program activities.

PhD Distribution of Credits

Students in the PhD program are required to complete 21 hours of credit, of which twelve credits come from courses and the remaining nine credits are earned through successful defense of the

PhD dissertation. After a student finishes the courses with a minimum of B grade in each, they sit for a comprehensive examination. After passing the examination in a maximum of two attempts, the student can register for dissertation and develop a proposal under the guidance of assigned advisors. Once the proposal is approved, a supervisor and optionally a co-supervisor are appointed to guide their research. The distribution of credits is described in the table below:

Year	Semester	Cr. Hr.
1	Semester I	6
	Semester II	6
2-5	Semesters III-X	9
Total in 3-5 years		21

PhD Curriculum

First Year First Semester		
Code	Course Title	Cr. Hr.
URPL 801	Seminar (1): Advanced Urban & Regional Planning Theories	3
URPL 803	Seminar (3): Doctoral Research Methods	3
Semester Total		12

First Year Second Semester		
Code	Course Title	Cr. Hr.
URPL 802	Seminar (2): Emerging Issues in Urban and Regional Planning	3
URPL 804	Seminar (4): Dissertation Research Methods	3
Semester Total		12

From Second Year to Minimum Third and Maximum Fifth Year		
Code	Course Title	Cr. Hr.
URPL 900	Dissertation	9
Dissertation Total		9
Total in 3-5 years		21



A Doctoral Candidate presenting his thesis proposal to get feedback from faculty members.

PhD Course Descriptions

URPL 801: Seminar (1): Advanced Urban & Regional Planning Theories

This course offers PhD students the opportunity to address, in considerable depth, pressing and enduring issues being faced by the planning theorists and practitioners. These issues center around what role could or should planners play in the development of cities and regions within the prevailing forces of Islamic culture, institutions and the Western influences. Students are encouraged to examine the diverse, sometimes conflicting and contradictory, views on the wide-ranging planning issues. In addition, the course explores the various uses, forms and limits of theorizing and its relationship to the practice of planning in the West and in the Muslim world, with specific emphasis on the Kingdom and the Gulf. Students are required to develop their own intellectual models of theory in, for, or of planning that takes into consideration timely measures and developments. Yet, these models should be aligned with the context of socio-cultural and institutional experiences and aspirations of the Kingdom. The models should recognize the facts, values, knowledge and experiences of the past and the inspirations of the future of local communities and society.

URPL 802: Seminar (2): Emerging Issues in Urban & Regional Planning

Recent events are pointing to new and challenging contexts of planning thought and action including emerging new social, economic, technological, administrative, and spatial issues. Social structure and order of the Kingdom of Saudi Arabia (KSA) with more youthful demographic profile are demanding more and better public goods (jobs, homes and social and physical infrastructure). These changes constitute unprecedented challenges for planners, especially in the context of globalization and development of telecommunications and information technology. The seminar focuses on discussing modern concepts and techniques and their consequences in the economic and social conditions. The seminar seeks strategies to support balanced spatial development in cities and regions.

URPL 803: Seminar (3): Doctoral Research Methods

This seminar provides the students with practical and intellectual tools to help them design, conduct, and criticize scholarly research. It places heavy responsibility on the students to prepare and present research papers in their area of interest, preferably directly related to their proposed dissertation topic. Assuming that students have some background in analytical and statistical methods and research design, the course focuses on methods to develop a sound research proposal/paper. The course attempts to shed light on how to: select a research topic, define a research problem, develop questions, articulate aim and objectives, state a hypothesis; delineate the scope, collect secondary and primary data, conduct analysis of nominal and ordinal data; synthesize data, develop and evaluate alternative solutions, compile findings and conclusions, write scientific paper, assess the quality of your research paper, and publish scientific research.

URPL 804: Seminar (4): Dissertation Research Methods

The course is designed for advanced students particularly those preparing for their dissertation research proposal. It assumes that students have background in research design and analytical methods and hence will focus on the following areas: hypothesis and their tests; analysis of nominal and ordinal data; analysis of variance; correlation and regression techniques of analysis; dummy variable and multi-co linearity; path analysis; research report writing, etc.

URPL 900: Dissertation

The objective of the doctoral dissertation is to apply the theoretical and practical knowledge and analytical methods to the resolution of a specific research problem in one of the subfields of urban and regional planning: regional planning, urban planning, urban design, transportation planning, social planning, public administration, quantitative planning techniques, etc. The research must be original and contribute to the existing body of applied or theoretical knowledge. The dissertation stage consists of three main parts: (1) filing the dissertation proposal, (2) doctoral seminars, and (3) dissertation final defense.



PhD. Dissertation Defense Committee of Bandar Alnaim 15 April 2013



URP Staff and Students during a Public Lecture on the Planning Day 11 September 2012

Faculty Affairs

Job Descriptions and Responsibilities

The job descriptions and responsibilities of different categories/ranks of teaching staff are enumerated below:

Chairman

- Support the caring community of students and faculty and the philosophy of the department.
- Lead the students, faculty, and staff in achieving the missions and goals of the department and university.
- Direct the faculty in planning, implementing, and evaluating the undergraduate and graduate programs and their curricula.
- Manage human and financial resources with input from faculty, staff, and students.
- Guide the faculty in achieving excellence in teaching, scholarship, and service, including approval/accreditation by the appropriate bodies.
- Represent the department at various college, university, and national meetings.
- Seek funding opportunities from private and public sectors to enhance existing programs.
- Serve as a student advocate.
- Conduct departmental meetings.
- Serve as ex-officio member of all standing committees of the department.
- Prepare reports as designated by the college, the university, and approval/accreditation bodies.

- Facilitate the development and coordination of programs, policies, and procedures of the department, college, and university.

Professors, Assistant Professors & Associate Professors

- Assume responsibility for the progress of teaching and educational process in the department.
- Take up teaching loads within the designated quota or additional teaching load over and above the prescribed share in case of need.
- Transfer to students the knowledge in the field of his specialty, recommend to the department board amendment of the components of the curricula and propose the curricula development that is likely to promote improved quality.
- Prepare the examinations on the courses they teach.
- Participate in the development of the study plans and promotion of programs.
- Organize research, studies and workshops and participate in group research in his field of specialty.
- Supervise research and theses of postgraduate students within the limits of applicable rules and regulations.
- Guide, orient and direct the university students and postgraduate students.
- Get and keep in touch with all new developments in the field of their specialty, follow up on fresh publications, periodicals and research in the field of his specialty.
- Participate in the activities of the department, college, and university.
- Provide adequate support for the operations and activities undertaken by the university and the committees formed by the department or college.
- Track, follow up on and pursue fresh developments in his specialty, contribute to their development, submit related reports to the relevant entities and present to the department board as may be required.
- Assume the curriculum duties vested in them by the department Chairman and commit to come and teach on the dates set for such curricula.

Lecturers

- Assume responsibility for the progress of the educational and teaching process in the department.
- Give lessons within the prescribed load of the teaching quota additional teaching load over and above the prescribed quota in case of need.
- Transfer to students the most recent and sophisticated advances of knowledge in the field of their specialty and guide them in a way that boosts their skills and capabilities.
- Prepare the examinations on the courses they teach.
- Participate in the research, studies and workshops and participate in group research in the field of their specialty.
- Participate in the research and studies as per university guidance and orientation.
- Get and keep in touch with all new developments in the field of their specialty, follow up on fresh publications, periodicals and research in the field of their specialty.
- Take part in the activities of the department, college, and university, and community service.
- Perform the functions assigned by the department Chairman and commit to attend and teach as per the schedules set for these curricula.

Teaching Assistants

- Assume responsibility member for the duties assigned to him by the department Chairman and members of the faculty.
- Assist faculty members in the practical and teaching responsibilities as part of the designated work quota.
- Attend all meetings as directed by the faculty members.
- Attend the lectures and share opinion and consultation with the students, offering only assistance without any intervention in the grading or examination processes.
- Carry out any task assigned to them by the Chairman.
- Follow up with the students on any academic mater or knowledge enrichment as may be directed by the faculty member.
- Assess the students' performance and promote their skills in attaining better grades.

- Deliver the students' grades at the right time and in a professional manner, ensuring that the grades are documented electronically as well as in hard copies.
- Follow up on the student's conditions where their study progress is concerned.

Code of Ethics

Members of the teaching staff of IAU must be cognizant of their responsibilities to the university based on honesty, integrity, lofty moral values and respect for the law, and must endeavor to apply work ethics that call on them to monitor themselves in the interest of their duties. They are committed to and should abide by the highest standards of honesty, truthfulness, integrity and transparency in all activities and actions they are entrusted with, including, but not limited to, the following:

1. Strict compliance with all regulations, instructions and laws applicable in the university.
2. Execution with due diligence all duties and activities entrusted on them, with the maximum degree of accuracy, efficiency, transparency and professionalism.
3. Refrain from any act or work that may constitute directly or indirectly a violation of the principles of integrity, honor, transparency and professionalism.
4. Deal and cooperate with colleagues in the spirit of a single professional team.

Rights and Duties

Rights

The rights and privileges of the faculty are specified in the Civil Service Council Law and the regulation on the affairs of Saudi Universities' faculty members and similar categories, promulgated by decision No. 4/6/1417 of the Higher Education Council, adopted in the Council's session held on 26 Sha'ban 1417 and sanctioned by the High Order dated 22 Sha'ban 1418.

Duties

The duties of a teaching faculty member stem from the qualities, characteristics and principles to be fulfilled in the personality of the faculty member which include, but are not limited to,

integrity, rectitude, honesty, capability, efficiency, neutrality, equality and freedom of research, subject to compliance with the Islamic values and principles which constitute the bedrock foundation of the Saudi community system. Such duties related to conduct can be summarized as follows:

1. Refrain and desist from establishing personal relationships with the students, while keeping my behavior at bay from anything or act that may raise suspicions or doubts, such as accepting gifts or personal courtesies and compliments from the students or their families at the expense of the educational process.
2. Refrain from giving private tuition and lessons and maintain a distance from any act that is likely to diminish compromise or tarnish the integrity of the university professor.
3. Exert every effort within one's capacity to direct the students, seek to resolve the difficulties and problems that they may encounter, extend care to all without any discrimination or bias, avoid overloading the students with any roles or works which are not part of their key duties, and allow space for discussion and objection within the boundaries of the educational process.
4. Refrain from disclosure of the student's confidential matters which one may be privy to unless such disclosure is based on a court order or done to avoid of gross loss to others.
5. Refrain from committing in a negative or a positive way any acts that may constitute participation in cruel or inhumane treatment of students, or otherwise collude in or instigate such acts. By the same token, refrain from taking advantage of one's knowledge or skills to help in a way that may be detrimental to the student's psychological, emotional or academic stance.
6. Stay within the boundaries of one's skills and solicit the help, in case of need, from colleagues who are more knowledgeable and efficient than one, particularly in the field of scientific research. One must avoid negligence, falsification of research findings and fabrication of the research conclusions.
7. Track and follow up on developments as they unfold in one's field of specialty, seek to develop one's skills on an ongoing basis, consider and be attentive to the standards of efficiency in discharging one's duties.

8. Be aware of emerging issues in the subject matter of one's specialty as well as knowledge of the community's educational culture, the educational issues at hand and teaching methods and styles. Apply the quality standards to the subject one tasked with teaching in a manner that enables the students to achieve the required standards of proficiency.
9. Exercise patience, be mild-mannered with one's students and colleagues, take under one's care the students whom one senses to have the academic and moral aptitude and potential to feed the university teaching faculty with fresh, highly qualified and capable members.
10. Be committed to applying the university policies related to scientific content and the targeted educational products. One must heed and be mindful to the relative weight of both the contents of the teaching process and the examinations.
11. While assessing the students, one must take into consideration the academic standards of higher education and scientific research facilities as well as clarity and transparency in assessing the grades without discrimination for any reason that is not related to the students' academic abilities.
12. In non-urgent cases, a university professor may apologize, for personal reasons or reasons related to the profession, for not being able to offer academic help from the beginning or at any stage while the research is progressing. However, such apology will not be accepted in urgent cases.
13. In the absence of another specialist, a specialist member of faculty may not refuse to provide scientific consultation that is sought from him/her.
14. Report to competent authorities any suspicious cases which involve betrayal of scientific trust, giving detailed report on the case at the time it comes to one's knowledge. Colleague may be invited to participate in debating the case and drafting the report before presenting the case and the report to the competent entity in the university.
15. In the event a university teacher ceases mentoring one of his or her students for any reason whatsoever, he or she must provide a substitute teacher with the correct and valid information, in writing or verbally, that he or she believes is necessary for continuation of the work.

16. Support, encourage and back up all efforts intended to boost scientific research and work hard to attain the highest universal standards and levels by discharging one's duties in support of sustainable trust in college education and academic research institution.

Other contractual obligations and rights of expatriate faculty members are described in the “Charter for Employment of Non-Saudi Staff, Lecturers, Demonstrators, Researchers, Research Assistants & Technicians” that can be downloaded from the Deanship of Faculty Affairs website (URL: https://www.iau.edu.sa/sites/default/files/resources/pdf_affairs_systems_en-2.pdf).

Academic Tasks

Teaching

Teaching is a primary function of the faculty. Faculty members would be assigned courses to teach by the Chairman and/or academic committees. Any member of the faculty can find the list of courses assigned to him from the Faculty Center page of the online Student Information System (SIS) of the university (URL:



Screenshot of part of SIS login page

<https://sis.iau.edu.sa/psp/hcs9prd/?cmd=login&languageCd=ENG&>). It can be retrieved from the *My Schedule* section after selecting the appropriate academic year and term/semester. Faculty members are expected to take classes according to the timetable published in the SIS. In case a class cannot be taken due to unavoidable reasons, the

students should be informed in advance and a make-up class must be arranged (Note: SIS is sometimes referred to as PeopleSoft).

The course learning outcomes and their respective teaching strategies and evaluation methods are listed in the respective course specifications.

The delivery of lectures must be interesting and engaging. The material should be relevant to the course and up to date. Teachers should utilize the facilities available in the classrooms, such as overhead projectors, access to the Internet and smart boards.

Stationeries and implements required for teaching such as paper, ring binders, printer toners, whiteboard markers, dusters, etc. may be collected from the Academic Committee.

Student Attendance

Faculty members are required to record the attendance of students in each class and enter the attendance in the attendance roster of the SIS. The list of students enrolled for a class may be found in in the class roster in the *My Schedule* section of SIS, and the attendance roster may be generated from the *Update Student's Attendance* section. Any student whose name does not appear in the class roster or a course must not be allowed to attend classes of that course.

An absent student may upload evidence for a reasonable excuse on the system. A student with 15% or more absence without excuse or 25% or more absence with acceptable excuse will be barred from sitting in the final examination and should be given a grade of DN (denied) in the course.

Course Portfolio

Faculty members are required to maintain a course portfolio (hard and soft copies) for each taught course. If multiple teachers are teaching a course, it is the responsibility of the course coordinator, or anyone he assigns, to maintain the portfolio.

According to the Deanship of Quality and Academic Accreditation (DQAA), the portfolio should consist of the sections shown in Appendix A. The Course Specifications and Course Reports in the portfolio need to be prepared with the templates given by the National Center for Academic Accreditation and Evaluation. Latest versions of the templates can be downloaded from the Webpage of DQAA (<https://www.iau.edu.sa/en/administration/deanships/deanship-of-quality-and-academic-accreditation/ncaaa-documents-and-templates>).

Evaluation of Students

The schedule of evaluation and the share of grades for each evaluation tool are described in the course specifications. The achievement of course learning outcomes in the four domains, namely, knowledge, cognitive skills, interpersonal skills, and communication, information technology and numerical skills must be evaluated using appropriate tools which should be specified in the course blueprint (see template in Appendix B).

Apart from the midterm and final examinations, there should be continuous assessment of the students at different stages of the semester. An assessment plan (see template in Appendix C) and an examination blueprint (see template in Appendix D) should be prepared and delivered to the students at the start of the semester.

Guidelines for preparing question papers for written tests have been circulated by the Vice Dean for Academic Affairs which have been included in Appendix E. The question paper for the final examination must be prepared and checked by a different faculty member assigned by the Chairman two weeks before the commencement of examinations.

Grading Students

The cumulative final grades of the students have to be entered into the grades roster of the SIS within 72 hours of the final examination. This is the responsibility of the teacher (or coordinator, in case of multiple teachers) of the course. After ascertaining the accuracy of grade entered, the approval status option of grade roster action in the page should be changed to 'Ready for Review' and saved. This will transmit the grade roster to the Chairman of the department for his approval and subsequent upward transmission for approval of the Dean. If required, the Chairman may return the grades for review or revisions.

The grading scheme followed at IAU is shown in the following table:

Marks in %	Grade Point	Letter Grade	Description
95-100	5.00	A+	Excellent High
90-less than 95	4.75	A	Excellent
85-less than 90	4.50	B+	Very Good High
80-less than 85	4.00	B	Very Good
75-less than 80	3.50	C+	Good High
70--less than 75	3.00	C	Good
65-less than 70	2.50	D+	High Pass
60--less than 65	2.00	D	Pass
Less than 60	1.00	F	Fail
	1.00	DN	Denied
	1.00	DS	Disciplinary Action
	2.00	SC	Pass in second session with grade pass
		NP	Pass (not considered in GPA calculations)
		NF	Fail (not considered in GPA calculations)
		IC	Incomplete
		IP	In Progress
		W	Withdrawn
		TR	Transfer Credit

The Vice Dean for Academic Affairs has advised not to inform students of their final grades in a course and to instruct them to learn their grades from the SIS.

Advising

Advising students is an integral part of an instructor’s responsibilities. The Chairman of the department will assign a set of undergraduate students to each teacher. The teacher shall provide academic advice and guidance to the students assigned to him. In the PhD program, once a student passes his comprehensive examination, the Graduate Studies Committee shall select one main advisor and one or two co-advisors from among the faculty to provide guidance to the

student in preparing his or her research proposal. Once the student gets his/her proposal approved a supervisor and usually a co-supervisor will be proposed by the Graduate Studies Committee. Guidelines for graduate advising and supervision, as provided by the Deanship for Graduate Studies of IAU are attached in Appendix F.

Timetable

At the beginning of each semester, the members of the faculty have to prepare their respective weekly timetables in the given format (see Appendix G) and submit it to the Chairman along with a screenshot of the instructor's schedule from SIS, student rosters, examination blueprint and course syllabus for each course to the Vice Dean for Academic Affairs through the Chairman. The criteria regarding filling the timetable template is described in Appendix H. A copy of the timetable should be posted outside the office of the teacher.

Chronology of Tasks in a Semester

Following is a summary of the academic tasks to be performed by the teachers in a semester (slightly modified from a circular from Vice Dean for Academic Affairs).

Week	Task of faculty member	Comments
1	Submit course outline(s), class roster(s), examination blueprint(s), assessment plan(s), SIS class schedule screenshot and timetable to the Chairman for approval and forwarding to the Vice Dean for Academic Affairs. The course outline must include course objectives and description, weekly topics and assignments, evaluation strategy and references.	If you find some course missing from your name inform Academic Committee. If you have a problem in signing in SIS solve your problem through IT center
1	Get your class roster from SIS and start taking attendance . Provide students with the course description(s), assessment schedule(s), examination blueprint(s) etc.	The SIS student roster is the only official list. If you find some students missing in SIS roster, do not allow them to join the class, send them to the Academic Committee.
2	Post your timetable in front of your office and give a copy to your chairman, and vice dean for academic affairs.	Do not change your class time/rooms (as given in the SIS schedule) without the prior permission of the Academic Committee.
1-15	Enter student attendance in SIS on a weekly basis. If you have any problem report to Academic Committee.	Faculty members are to enter the absence of students and excuses are accepted by Academic Committee only.
7	Departments are expected to submit their schedules for the next semester . For any concerns regarding your teaching load and timing of courses please communicate with your chairman.	
10	If you are planning to not have a final examination for your course please make sure that you have your chairman's approval.	There is a form in which you can justify your request.
14	All faculty members should strictly follow the examination schedule and perform invigilation duties . Standby invigilators must be available in the college at the examination time.	All information on examination dates invigilation duty roster are circulated by the Academic Committee.
17-18	All instructors must enter their final grades in SIS within three days of their exams. Instructor Record.	
16	Submit course report(s) in NCAA template (copy to Chairman, Vice Dean).	

URP Department's Faculty Profile

Faculty Available in the Department of Urban & Regional Planning (Rajab 1445/Jan 2024)

No	Name of Faculty	Rank	Field of Specialization		Research Interests
			Major	Specific	
1	Prof. Faez Al-Shihri	Professor	Urban & Regional Planning	Sustainable Dev. Planning; Environmental Planning	Regional Planning, Planning for Land Conservation
2	Prof. Mahmoud A. Abdellatif	Professor	Urban and Regional Planning	Strategic Planning and Development of Desert Regions	Urban Dev. & Design, Desert Dev., Housing, Architectural and Computer Education.
3	Prof. Khandoker Maniruzzaman	Professor	Urban Planning	Spatial Analysis	Disaster Management, Spatial Analysis, GIS
4	Prof. Antar A. Abou Korin	Professor	Urban and Regional Planning	Regional/Urban Planning	Regional Development; Urban Analysis; Population & Development; Spatial Analysis
5	Prof. Abdulkarim Al-Howaish	Professor	Regional Planning	Economic Development	Regional Economic Analysis; Urban & Rural Economics
6	Dr. Abubakar R. Ismaila	Professor	Urban and Regional Planning	Sustainability	Urban Sustainability; New towns Development; Urbanization; Environmental Planning; Urban services.
9	Dr. Ali M. Alqahatany	Professor	Urban and Regional Planning	Sustainability Urban Planning	Sustainability Urban Planning
10	Dr. Umar Lawal Dano	Asst. Professor	Urban Planning	Geo-informatics in URPL	GIS and Remote Sensing Application, Sustainability and Urban Transport.
11	Dr. Maher S. Al-Shammri	Asst. Professor	Urban and Regional Planning	Urban and Regional Planning	GIS, Planning Techniques, Quantitative Methods in Planning; Sustainable Dev.; Physical Planning
12	Dr. Karim A. Gazzeh	Asst. Professor	Regional Planning	Risk Management Infrastructure	Housing, Sustainable Urban Dev., Risk Management
13	Dr. Nawaf Abdulkarim Al-Shabibi	Asst. Professor	Urban and Regional Planning	Transportation Planning and Engineering	Transportation Planning and Traffic Engineering
14	Dr. Mubarak F. Al-Hajri	Asst. Professor	Urban Planning	Housing and Residential Development	Housing and Residential Development
15	Dr. Khaled M. Almatar	Asst. Professor	Urban and Regional Planning	Transportation Planning and Engineering	Transportation Planning and Traffic Engineering
16	Dr. Abdulaziz Almulhim	Asst. Professor	Urban and Regional Planning	Environmental Planning and Management	Water, Utility and Infrastructure Planning and Management
17	Dr. Abdullah A. Al-Hamoudi	Asst. Professor	Urban and Regional Planning	Urban Management	Urban Development; Housing; City Management
18	Dr. Salem Ibrahim Aljoaib	Asst. Professor	Urban and Regional Planning	Urban Governance and City Management	Urban Governance and City Management

DURP FACULTY HANDBOOK

No	Name of Faculty	Rank	Field of Specialization		Research Interests
			Major	Specific	
19	Dr. Suliman M. Almazroua	Asst. Professor	Urban and Regional Planning	Urban Planning	Urban Planning
20	Dr. Khalid A. Al Mulhim	Asst. Professor	Urban and Regional Planning	Housing Policy Planning and Analysis	Housing Policy and Analysis
21	Eng. Abdulmalik Y. Al-Shinawi	Lecturer	Urban and Regional Planning	Disaster Management	GIS; Disaster Management; Urban Economics



A group photo of URP Department faculty members and graduating students from the BURP Program, April 2019

APPENDICES

Appendix A: Course Portfolio Sections



وزارة التعليم
Ministry of Education
043

جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

المملكة العربية السعودية
Kingdom of Saudi Arabia

عمادة الجودة و الاعتماد الأكاديمي | Deanship of Quality & Academic Accreditation

Course Portfolio Contents and Checklist

Content	Soft copy			Hard copy			Comments
	Excellent	Average	Needs Improvement	Excellent	Average	Needs Improvement	
Front Page with details							
1 Faculty member CV							
2 Course Specifications (Signed)							
3 Course Report (signed)							
4 Field Experience Specification (signed) (If applicable)							
5 Field Experience Report (signed) (If applicable)							
6 Evidences of Teaching process and feedback							
6.1 Course Related Material							
6.1.a Teaching Material (PPT/PDF)							
6.1.b Handout							
6.1.c Any updates about the course from journals, internet, etc							
6.2 Assessment and Extent of Student Learning							Note: Names and ID of students have to masked
6.2.a Quiz							
6.2.b Quiz Answer Key							
6.2.c Midterm Exam/Jury Paper							
6.2.d Midterm Exam Answer Key (if relevant)							
6.2.e Final Exam/Jury Paper							
6.2.f Final Exam Answer Key (if relevant)							
6.2.g Assignments							
6.2.h Projects							
Other							
6.3 Students Evaluation for teaching Effectiveness							
6.3.a Report of the formal surveys' results (CES, SLS, etc)							
6.3.b Report of the informal surveys' results (on LOs, group discussion, etc							
7 Attainment of Student Outcome for every semester							

Appendix B: Course Blueprint Template



مركز جودة التقويم والاختبارات
Center For Quality of Assessment and Examinations



Course Blueprint
Template . 4th Edition – Approved



Course Name: AAAAAA	Course Code: AAAA-102	Course Instructor	Dr. X
		Course Instructor	Dr. Y
		Course Coordinator	Dr. G
		Reviewer	Dr. H
		Head of Dept.	Dr. W

#	CLOs (Course Learning Outcomes)	Assessment Tools**					
		MCQ	Essay	Practical	Assignment	Observation	Portfolio
1.1*		●					
1.2*			●				
1.3*		●					
1.4*		●	●				
2.1*			●		●		
2.2*		●	●				
2.3*			●				
2.4*		●	●				
2.5*			●		●		
3.1*				●			●
3.2*						●	●
3.3*				●	●		●
4.1*			●		●	●	
4.2*							●
4.3*			●			●	●
4.4*				●	●		
5.1*				●		●	●
5.2*				●			
5.3*				●	●	●	

*The first digit is for Program Learning Outcome (PLO) at the five NCAAA domains, while the second digit indicates the CLO number.

**You may edit the given assessment tools to fit your course/program.

Appendix C: Course Assessment Plan Template



Course Name:

Course Code:

Course Instructors:

Session:

Semester:

College:

Department:

Course Coordinator:

Head of the Dept.:

Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Marks
Exam Title																	
MCQ																	
Essay																	
Practical																	
Observation																	
Attendance																	
Marks																	

Appendix D: Written Exam Blueprint Template



**Written Exam
Blueprint** 
Template . 7th Edition – Approved

College/Course Info.							
College of	Course Name					Code	
Exam Info.							
Type	<input type="checkbox"/> Quiz	<input type="checkbox"/> 1 st Mid-Term	<input type="checkbox"/> 2 nd Mid-Term	Total Marks		Time	Starts at:
		<input type="checkbox"/> 1 st Term	<input type="checkbox"/> Final				Ends at :
Date	/	/201	Room #	Format	<input type="checkbox"/> Paper	<input type="checkbox"/> Online	

CLOs	Indicators for Importance (Select 3 only)					Weight	Marks	Notes (Which item?)*
	Duration	Content	Impact	Frequency	Past Exams			
Knowledge Domain	1.1*							
	1.2*							
	1.3*							
	1.4*							
	1.5*							
	1.6*							
	1.7*							
	1.8*							
Cognitive Domain	2.1*							
	2.2*							
	2.3*							
	2.4*							
	2.5*							
	2.6*							
	2.7*							
	2.8*							
TOTAL								

Guidelines:

This form helps examiners to design their tests based on the proportional weight of each of the Course Learning Outcomes (CLOs). There are five suggested indicators to measure importance of each CLO from different perspectives. Examiners need to select the THREE most relevant indicators (out of the five) as per the nature of their subjects. If there is one final exam, History as an indicator will not be relevant.

For each indicator, examiners need to indicate either **3, 2, or 1** for each CLOs, as follows:

- **Duration** of instruction (lectures/sessions): If *lengthy* =3, short =1 & in-between = 2.
- **Content**: If the CLO requires *heavy* content =3, light = 1 & in-between = 2.
- **Impact**: If the CLO is *serious* for the future learning progress of students = 3, not much = 1 & in-between = 2.
- **Frequency**: If the CLOs is expected to be encountered *very frequently* later on = 3, if *rarely* = 1 & in-between = 2.
- **Past Exams**: If the CLO has been assessed before in previous exams = 1 & if not = 2.

The degree of importance (Weight) dictates the % of marks = multiplying the THREE most relevant indicators for each CLO.

In the last column, please indicate **which items** (e.g. item #12, 18 & 21) assess each CLO.

* The first digit is for Program Learning Outcome (PLO) at the five NCAAA domains, while the second digit indicates the CLO number.

** This column is used to validate the blueprint with the exam questions, which should be edited with each exam.

Designed by (Name/Date)

Reviewed by (Name/Date)

Head of Dept. (Name/Date)

Appendix E: Guidelines for Preparing Exam Questions

(Circular from the Vice Dean for Academic Affairs)

Preparing Exam Questions

Based on the common practices noticed while reviewing some cases of the exam questions during the last few semester, and the discussion of the issue in the college board no. 7 for Academic year 2014/2015 held on January 14, 2015; the Exams mechanism will be as follows starting from the second semester 2014/2015.

First: Formal Presentation:

a. Cover Page (title Page) must carry the following information:

1. University logo.
2. Name of the university, college, department and program (if applicable).
3. Statement of: Theoretical/Practical Final/Midterm Exam for (Course title) centered text with 14-16 font size bold.
4. Code and title of the course + section No. (if applicable).
5. Term, year and Date of Exam.
6. Student Name: ID No. (14-16 bold).
7. Minimum margins from all sides of the page = 2.5 cm.
8. All instructions must be written in readable font inside a rectangle of maximum width = 7 cm at the bottom of the page.
9. Underline or write with different distinctive formatting any effective instructions such as number of questions to be answered.

b. Next pages (following the cover page)

1. Questions must be typed on Times New roman, Arial or Calibri font 14 or larger. Hand written is not accepted.
2. Designated marks for each question/part of it must be typed beside or at the end of statement (3marks/points).
3. MCQs and similar question types (filling space, choose the correct answer, matching, ...etc) must not be given more than one (1) point per each.
4. On each page the number of lines must not exceed 24 lines.

5. For MCQs and similar question types the alternatives (choices) must be listed vertically not horizontally.
6. Be sure your exam is free of any grammatical and/or calculations mistakes, as well as the questions are clear and understandable.
7. For Essay questions, you must leave enough space for student to answer below each question immediately. The space must be lined by lighter lines or dots (don't exceed the 24 lines per page)
8. It is important to include page numbers in format of (page X from Total Pages, example page 2 of 13) on all pages.

Second: it is recommended to the departments to form groups of similar interests

Such as Construction courses group, design courses group, Technology Courses group, etc. the member in each of the formed groups is responsible for preparation of his courses exam at least one month prior to exam, and presented to the other members of his group for peer review and quality insurance (instruction fourth below).

Third: The Academic Committee must be informed of the courses of prepared and reviewed exam question three weeks prior to exam date.

It will update the exam time table accordingly. Copy of the exam and its ideal answers must be submitted to the exam committee along with reviewing report signed by instructor, reviewers and chairman of the department before exam.

Fourth: exam questions must be prepared according to:

1. They must cover all topics of the course taught during the semester
2. Questions must measure different abilities of student and varies from simple, easy to hard and higher thinking questions
3. Each question or number of questions must measure one or more of the course objectives. The questions must cover all skills of the five domains listed in the table and point 4 below (exam specification table).
4. Questions must be classified to measure all thinking skills. Thus 40% or less measuring low order thinking skills and at least 60% measuring high order thinking skills listed in Bloom Taxonomy (examples attached).

5. Questions must vary based on the course content and might be contains MCQs and similar types + Essay questions.
6. In case MCQs are used, the following items must be strictly followed:
 - a. Number of alternative (choices) must be four (4) or more.
 - b. They should follow criteria 1-4 above (in this section).
 - c. For each question the point (grade) must not be more than one (1).
 - d. Exam must be prepared in different samples (shuffling the questions).
One sample per 15 students (and if number of the students exceed 50, it should be one sample per 30 students).
 - e. Time of Exam must be compatible with the number of questions + 10% for review. Example: exam time is 3 hours (180 minutes), the number of questions must be 60-80 (2.0-2.5 minutes per question) + 20 minutes for review.

Course objectives	Number of questions per skill(s) to be measured						Total number of questions
	Low Order thinking skills (40% Maximum)		High Order thinking Skills (60% minimum)				
	Knowledge	Comprehension	Application	Analysis	Synthesis	Evaluation	
1. Knowing research Methods							
2.							
3.							
4. Ability to search in all resources means							
5.							

Fifth: for each exam, instructor must submit to the Academic Committee the following items before Exam date:

1. A copy of exam blueprint following criteria listed in part Fourth above, showing: the distribution of question according to the course objectives and skills to be measured.
2. A copy of course syllabus that submitted to the students at the beginning of the semester/course.
3. A copy of review form signed by instructor and two reviewers and approved by the chairman.

On exam time, the following items must be provided:

1. A copy of exam questions.
2. The ideal answer sheet of the exam.
3. Grade must be entered to the PS: people soft system within maximum 72 Hours after exam. The Academic Committee must be provided with Term Work Breakdown Grade.

Appendix F: Academic Supervision Guidelines

(Circular from the Deanship of Graduate Studies)

Academic Supervision

The Deanship of Graduate Studies aims at improving the level of Graduate studies in the University of Dammam's colleges to reach the highest levels possible (locally and internationally) through quality practice, developing the student's ability to be responsible and gain confidence in himself and in the institute, and to keep the student's academic path from obstacles and to complete the program during the given period.

Concept of Supervision

The Academic Supervision is a systematic process that guides the student to the best methods in his educational progress under the guidance of faculty staff in Science Departments since these elements are essential in order to help the student as soon as he enrolls in the university.

The Academic Supervision is a systematic process that guides the student to the best methods in his educational progress under the guidance of faculty staff in Science Departments since these elements are essential in order to help the student as soon as he enrolls in the university.

In order for the student to achieve progress in his educational program, he will need to know all the procedures and requirements. And here comes the importance of the academic supervisor as a source for these information's. He will be responsible for explaining these information's since he is the source to whom the student approaches for approval of the student's curriculum.

Therefore, the core of the educational process and research lies in the hands of the student himself and the main goal is to provide him with the support he needs throughout his academic path and to complete the educational plan requirements as well as increasing the independent confidence growth within the student according to the educational program goals.

Role and Duty of the Academic Supervisor

The **Academic Supervisor** is a member of the faculty who offers guidance to one or more Graduate study student/s in a study program.

The supervisor must follow up with the student from his acceptance in the program until he obtains the certificate he is studying for. He is, therefore, responsible for the student/s and should give him/them all the help needed.

His Duties:

- Making sure the student knows all the information and procedures most of which can be found in the Deanship's website.
- Giving academic guidance.
- Helping the student in time management.
- Helping the student during examination period.
- Monitoring the student's GPA and guiding him in case it started dropping.
- Encouraging the student to increase his academic activities and using various electronic communications.
- Planning and organizing the supervising process.
- Preparing a rapid report for each student to be given to the head of the department. The report should contain the level of the student in case of failing or a drop in the GPA.

His Obligations:

- Sincere concern for the student's success.
- Knowledge of all the university's policies and procedures in all its aspects.
- Familiarity with the academic year's agendas and admissions.
- He should help student to make decisions and not take decisions for him.
- Participating in seminars and workshops to develop supervision skills.
- Keeping the secrecy of information's regarding the student and his academic record.

Guidelines for Graduate Studies Student

The Academic Supervision provides the needed support for the student throughout his academic progress in accordance with the educational plan and period as well as completing the educational plan requirements in a specific period as well as building the student's self-confidence.

In order to achieve these goals, the student has an essential role in the guiding process. The student holds the responsibility of asking for advice from his/her academic supervisor since he has a greater experience in this field.

a) Before Meeting with the Academic Supervisor, the Student Must:

- Visit the Deanship of Graduate Studies web page where the college guide explains the department and university requirements, then s/he may ask his/her supervisor about queries.
- Set up a meeting with the academic supervisor –preferably before each semester.
- Know the supervisor's office hours.
- Write down all the inquiries s/he needs to ask to his/her supervisor.
- Prepare rightful information and data related to what s/he needs before the meeting.

b) During the Interview with the Academic Supervisor, the Student Must:

- Prepare his/her inquiries.
- Give an idea about his/her goals and participate with the supervisor. Suggest a graduating date and consult with the supervisor.
- Set up a study schedule to include what s/he needs to be studying during the coming semesters.
- Ask all the question on his/her mind.

c) Follow-up Interviews:

- Making sure that all the supervisor suggests once every two or three weeks is applied.
- The student should call or email his/her supervisor with any questions or inquiries. Informing his/her supervisor of the changes in his/her study schedule.
- Covering all studying agendas, especially deadlines.

- The student should make an academic guide file that contains all his papers and documents.
- The student takes responsibility for his/her educational progress.



Graduation Project Jury, April 2013

Appendix G: Timetable Template

Timetable for Semester , yyyy/yyyyH - yyyy/yyyyG

Imam Abdulrahman Bin Faisal University

College of architecture and planning

Department of Urban and Regional Planning

Minor:

Name:

Rank:

Nationality:

ID No.

Office No.:

Phone No. :

Mobile:

Email:

Week Days	Working Hours												
	8:00-8:50	9:00-9:50	10:00-10:50	11:00-11:50	12:00-13:00	13:00-13:50	14:00-14:50	15:00-15:50	16:00-16:50	17:00-17:50	18:00-18:50	19:00-19:50	20:00-20:50
Sunday													
Monday													
Tuesday													
Wednesday													
Thursday													

Activities	Hours
Teaching Load	
Course(s) Preparation	
Office Hours	
Boards' Meetings (NCAAA)	
Students' Advisory	
Research	
Administration Committees (named):	
1. Dept. Council. 2. PG Committee	
Community Service	
University Administrative Position	
Total	

Course Name	Course No.	Graduate/ Ugraduate	Credit Hours	Contact hours	Teaching Load	number of students

instructor

Chairman

Vice Dean for Academic Affairs

Dr.

Dr.

Dr. Ali Omar M. Al-Sulbi

Appendix H: Rules Regarding Filling the Timetable Template

Approved criteria for calculating teaching load in the weekly timetable

According to Article 40B of the bylaws regulating the Saudi Universities' faculty members and equivalent staff,

A **teaching unit** for one credit hour in one semester is one of the following:

- **Weekly theoretical course lecture** not less than 50 minutes in duration.
- **Clinical lesson** not less than 50 minutes in duration.
- **Practical lesson** or weekly field lesson not less than 100 minutes in duration.

	Activity	Duration (for each credit)	The method of calculating the teaching load: contact hour in the weekly timetable= credits * factor	
			Factor at undergraduate level	Factor at postgraduate level
1	Lecture/Clinical Lesson	1 Hour	1 Hour	2 Hours
2	Discussion	1 Hour	1 Hour	1 Hour
3	Practical (Lab)	1 Hour	2 Hours	2 Hours
4	Practical (Design)	1 Hour	1.5 Hours	1.5 Hours
5	Lecture preparation	1 Hour	0.5 Hour	0.5 Hour
6	Academic Advisory		Maximum of 2 Hours	
7	Office Hours		Maximum of 3 Hours	
8	Research		Maximum of 5 Hours	
9	Community Service		Maximum of 5 Hours	
10	Administrative Tasks (Committees)		Maximum of 3 Hours	
11	Accreditation Committees		Maximum of 3 Hours	
12	Field teaching (Patients trips)	1 Hour	2 Hours	2 Hours
13	Medical Procedures	1 Hour	2 Hours	2 Hours
14	Clinics	1 Hour	3 Hours	3 Hours
15	Hospital Shifts	1 Hour	8 Hours	8 Hours
16	Course Coordinator	1 Hour	2 Hours	2 Hours

Note:

In medical professions, when there is more than one faculty member in a theory course:

- The contact hours are divided by the number of course instructors, which determines the contact hours related to the individual instructor.

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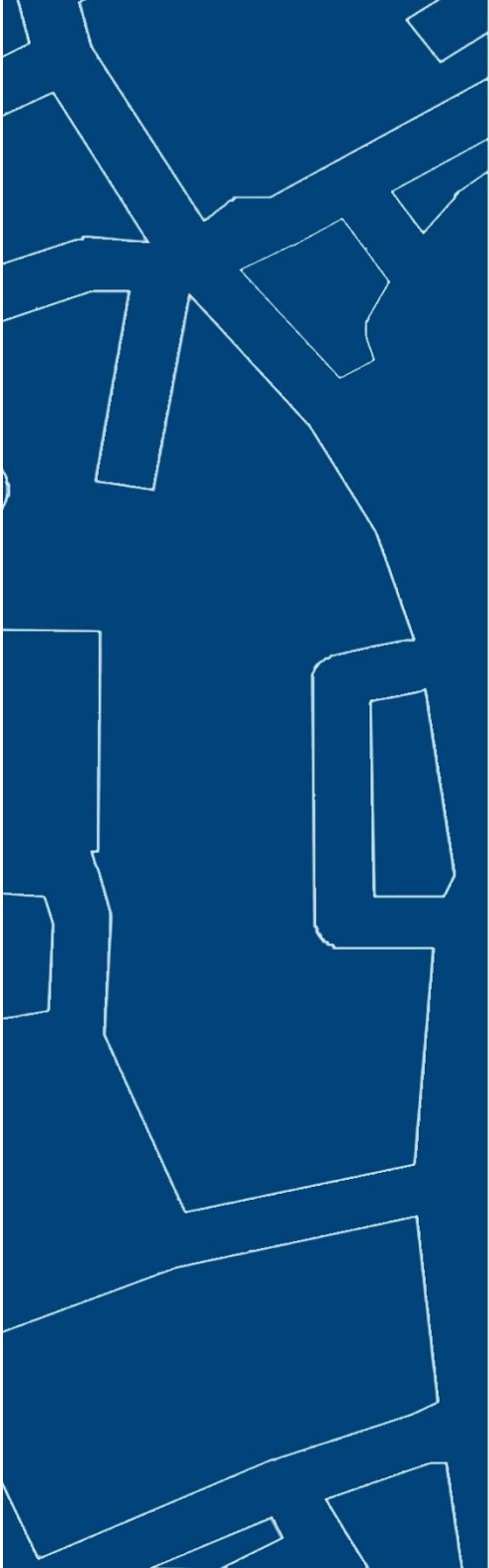


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<https://www.iau.edu.sa/en/colleges/college-of-architecture-and-planning/departments/department-of-urban-and-regional-planning>





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IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY