



Course Specification

(Bachelor)

Course Title: Sustainable Urban Development

Course Code: PL 492

Program: Bachelor of Science in Urban Planning and Design

Department: Department of Urban Planning

College: College of Architecture and Planning

Institution: King Saud University

Version: 3

Last Revision Date: DEC 2024



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A. General information about the course:

1. Course Identification

1. Credit hours:

(2 credit hours)

2. Course type

- A. ☐ University ☐ College ☒ Department ☐ Track ☐ Others
- B. ☐ Required ☒ Elective

3. Level/year at which this course is offered:

Fifth Year / First Semester

4. Course General Description:

The course explains the concept of sustainable development at global regional and local levels. This course addresses the social, economic, and environmental dimensions of sustainable urban development, so that local resources and methods of preserving them from deterioration and excessive use are studied with a view to protecting them for future generations. Some key topics will be studied, including sustainability indicators, urban demographic trends, environmental justice, green building, urban sprawl, sustainable transport and energy, and global climate change. In addition, the role of information technology and social networks is discussed in the context of promoting ideas on sustainable development at the global level. In addition, the course will address the Kingdom's Vision 2030, programs, and initiatives towards sustainable development and to study international cases and experiences that will be analyzed, discussed, and learned from the lessons learned.

5. Pre-requirements for this course (if any):

There are no pre-requirements for this course.

6. Co-requisites for this course (if any):

There are no co-requisites for this course.

7. Course Main Objective(s):

The course aims to introduce students to the basic principles of sustainable urban development. It also aims to emphasize the concept of sustainability and its importance by following several procedures and laws related to sustainable urban development at the global, regional, and local levels.

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom		
2	E-learning		
3	Hybrid		





No	Mode of Instruction	Contact Hours	Percentage
	- Traditional classroom - E-learning		
4	Distance learning	28 hours	100%
	Computer Lab		

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	28 hours
2.	Laboratory/Studio/Computer Lab	
3.	Field	
4.	Tutorial	
5.	Others (specify)	
Total		28 hours

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Describe the principles of sustainability, climate change, and resilience of indigenous development	K1	Lectures	- Participation and follow-up in class 5% -Discussions & Presentations 3% - Term Report 5% - Midterm Exam 10% - Final Exam 13%
1.2	List sustainable development goals and indicators	K3	Lectures	- Participation and follow-up in class 5% -Discussions& Presentations 3% - Term Report 5% - Midterm Exam 10% - Final Exam 17%
2.0	Skills			





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
2.1	Demonstrate oral, written, and visual presentation of the term report in class to convey sustainable development concepts.	S4	Lectures	- Discussions & Presentations 4% - Term Report 10% - Final Exam 10%
3.0	Values, autonomy, and responsibility			
3.1				

C. Course Content

No	List of Topics	Contact Hours
1.	Course Specification	2
2.	The concept of sustainable development	2
3.	Environmental changes	2
4.	Principles of sustainable urban development	2
5.	Sustainable Urban Development Goals	2
6.	Stages and levels of sustainable urban development	2
7.	Mid-Term Exam	2
8.	Sustainable cities	2
9.	Sustainable urban evaluation methodologies	2
10.	Benefits of design and sustainable development	2
11.	Presentation and discussion of the research	2
12.	Local methods and tools for sustainable urban development	2
13.	General review	2
14.	General review	2
Total		28

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Attendance and participation	1-14	5%
2.	Mid-term Exam	7	25%
3.	Presentation and discussion of the research	11	30%





No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
	(10% for each stage, 10% final Submission)		
4.	Final Exam	15	40%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	-Abu Saada, Hisham, Efficiency and Urban Formation, Academic Library, Egypt, 1994. -Bets, Ardian, Sustainability and Profit, translated by Ziad Alam El-Din, King Saud University, 2010. -Al-Haidari, Ali et al., Urban Design: Structure and Field Studies, Madbouly Library, 2002. -Chalin, Claude, New Urban Policies, translated by Sameer Alwattar, King Saud University, 2012. -Ministry of Municipal and Rural Affairs, Guide to the Treatment and Planning of Urban Spaces, Kingdom of Saudi Arabia, 1425. 1- Jenks, M., Burton, E. and Williams, K.(eds) (1996) <i>The Compact City: A Sustainable Urban Form?</i> E & FN Spon, London. 2- Jenks,M., Burton, E. and Williams, K.(eds) (2000) <i>Achieving Sustainable Urban Form</i>, E & FN Spon, London 3- Jenks, M. and Burgess, R. (eds) (2000) <i>Compact Cities: Sustainable Urban Forms for Developing Countries</i>, Spon Press, London. 4- Jenks, M. and Dempsey, N. (eds) (2005) <i>Future Forms and Design for Sustainable Cities</i>, Architectural Press, Oxford. 5- Jenks, M., Kozak, D. and Takkanon, P. (eds) (2008) <i>World Cities and Urban Form: Fragmented, Polycentric, Sustainable?</i>, Routledge, Oxford. 6- Jenks, M. and Jones, C. (eds) (2010) <i>Dimensions of the sustainable city</i>, Springer Science, UK. 7- Masnavi, M. (2011) <i>Sustainable Urban Forms Planning and Design Strategies</i>, Lambert Academic Publishing, Germany. 8- Calthorpe, P. (2011) <i>Urbanism in the age of climate change</i>, Island Press, Washington 9- Coyle, S. (2011) <i>Sustainable and resilient communities</i>, John Wiley & sons, New Jersey 10- Moughtin, C. (2004), <i>Urban Design: Green Dimension</i>, Associated Press, Oxford. 11- Lehmann, S. (2010) <i>The Principles of Green Urbanism</i>, Earthscan, USA 12- Farr, D. (2008) <i>Sustainable Urbanism</i>, John Wiley & sons, New Jersey 13- UNHSP (2009) <i>Planning Sustainable Cities</i>, Earthscan, London. 14- Frey, H. (1999) <i>Designing the City: Towards a more sustainable Urban Form</i>, E & FN Spon, London.
Supportive References	
Electronic Materials	
Other Learning Materials	

2. Required Facilities and equipment





Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	A lecture room
Technology equipment (projector, smart board, software)	Projector, Smart Board, Acrobat Reader, Microsoft Office
Other equipment (depending on the nature of the specialty)	Network, LMS – Blackboard, Zoom Platform

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	DUP Accreditation Committee	Indirect Assessment: KSU conducted an online student questionnaire survey for the course.
Effectiveness of students' assessment	DUP Accreditation Committee	Indirect Assessment: KSU conducted an online student questionnaire survey for the course.
Quality of learning resources	Students	Indirect Assessment: KSU conducted an online student questionnaire survey for the course.
The extent to which CLOs have been achieved	Students	Indirect Assessment: KSU conducted an online student questionnaire survey for the course.
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewers, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	COUNCIL
REFERENCE NO.	
DATE	24-12-2024

