



مسمى البرنامج ودرجته درجة دكتوراه الفلسفة في العمارة

الكلية : كلية العمارة والتخطيط

الحرم الجامعي : الدمام

القسم : قسم العمارة.

تتبع: الهندسي

المستوى الدراسي: الدراسات العليا

الدرجة العلمية: دكتوراه

سنوات الدراسة: مدة البرنامج ثلاث سنوات (ستة فصول دراسية).

الساعات المعتمدة: ٢٤

متطلبات إضافية : رسالة علمية

نظام البرنامج: بالرسالة وبعض المقررات

الوحدات الدراسية :

١٢ وحدة + ١٢ وحدة للرسالة

التخصصات الدقيقة (المجالات) البرنامج:

يقدم البرنامج ستة مجالات للتركيز، وهي "تاريخ ونظريات العمارة"، "المحافظة على المباني"، "الإسكان"، "التصميم الحضري"، "الإدارة المعمارية" و "العمارة المستدامة".



الخطة الدراسية :

عدد الوحدات	رقم المقرر	المقررات الدراسية	الفصل	السنة
٣	٨٠١	- حلقات البحث المعماري	الفصل الأول	السنة الأولى
٣	٨٠٢	- العمارة المعاصرة والتحضر		
٣	٨٠٣	- دراسات موجهة	الفصل الثاني	
٣	مقرر اختياري في مجال التركيز وهي : "تاريخ ونظريات العمارة"، "المحافظة على المباني"، "الإسكان"، "التصميم الحضري"، "الإدارة المعمارية" و "العمارة المستدامة"			
١٢		- رسالة الدكتوراه ١٢	الفصل الأول	السنة الثانية
			الفصل الثاني	
			الفصل الأول	السنة الثالثة
			الفصل الثاني	
المجموع = ٢٤ وحدة دراسية				



College: College of Architecture and Planning

Campus: Dammam

Department: Architecture

Track: Engineering

Level: Postgraduate

Degree: PhD

Years of study: 3

Credit hours: 24

Additional requirement: Written Dissertation

Program System

The program is conducted through courses and a thesis.

Credit hours

12 study units + 12 Thesis

Graduation Requirements

The duration of the PhD program is 3 years (six semesters). Degree requirements consist of formal coursework of a total minimum of 12 credits, a compressive exam; a PhD thesis and a qualifying paper of publishable standard that makes a contribution to knowledge which should be submitted for publication in an acceptable journal by the department council.



Study Plan:

Year	Semester	Courses	Course No.	Cr. Units			
First Year	First Semester	Architectural Research Seminar	801	3			
		Contemporary Architecture and Urbanism	802	3			
	Second Semester	Directed Studies	803	3			
		Elective in area of emphasis		3			
Second Year	First Semester	- Thesis		12			
	Second Semester						
Third Year	First Semester						
	Second Semester						
Total = 24 Cr. Units							



The curriculum is divided into three parts:

First: Mandatory Courses

In the first part (first semester), students are obliged to register for core courses. These courses have 6 credit hours. The mandatory courses are intended to serve as a foundation courses for all students accepted in the program:

Mandatory Courses		
Course No.	Course Title	Cr. Units
801	Architectural Research Seminars	3
802	Contemporary Architecture and Urbanism	3

Second: Specialized and elective courses

In the second part (second semester) of the curriculum, students register for two courses related to the area of emphasis they chose, with a total of 6 credit hours. The first course is the ‘Directed Studies’ course, where it will be arranged individually by the postgraduate studies committee to best suit the student's research interest and background. The content of such course should be approved by the department council. The second course is an elective course from the chosen area of emphasis. Such course will be from the postgraduate courses offered by the Department of Architecture at the postgraduate level. Such course should not be taken by the student during his postgraduate studies:

Specialized and Elective Courses		
Course No.	Course Title	Cr. Units
803	Directed Studies	3
....	Elective in area of emphasis	3

Third: Thesis

In the third part, after passing a comprehensive exam, students can register and commence working on their PhD thesis (12 credit hours).



The areas of emphasis and the elective courses

Area of Emphasis 1: Architectural History and Theory

This area of emphasis focuses on the affiliation among History, Theory and their application as effective tools for understanding and development of design. It also looks as how History, theory have influenced the changes in thought process in architectural arena both intellectually and practically.

Area of emphasis 1: Architectural History and Theory		
Elective Courses		
Course No.	Course Title	Cr. Units
701	History, Theory and Criticism	3
715	Theories of Modern Architectural	3
716	Contemporary Theories of Architecture	3
717	Methods of Architectural Criticism	3
718	Theories of Vernacular Architecture	3
719	Globalization and Contemporary Architecture	3

Area of Emphasis 2: Architectural Conservation

This area of emphasis investigates the need for Architectural Conservation from historical, socio-cultural, national, educational and economic standpoints. Topics involve theoretical framework of architectural conservation and preservation along with the tools and techniques for the practice of building and area conservation.

Elective Courses		
Area of emphasis 2: Architectural Conservation		
Course No.	Course Title	Cr. Units
702	Building Conservation Philosophy	3
725	Theories of Conservation	3
726	Techniques of Architectural Conservation	3
727	Conservation Legislation	3
728	Economics of Architectural Conservation	3
729	Researching & Recording Historic Buildings	3



Area of Emphasis 3: Housing

This area of emphasis analyses wide spectrum of the conceptual, ideological, theoretical and practical housing issues in a verity of context. It also involves investigative study of the contemporary housing environment for framing future strategies and policies form individual dwelling to settlement planning.

Area of emphasis 2: Architectural Conservation		
Elective Courses		
Course No.	Course Title	Cr. Units
735	Contemporary Housing Theories	3
736	Domestic Architecture	3
737	Economics of housing	3
738	The Contemporary Arab House	3
739	Sustainable Housing: Principles and Practices	3

Area of Emphasis 4: Urban Design

This area of emphasis reviews theories of urban design process. It aims to enhance awareness of the influences of culture and climate in the development of urban area and to cultivate an appreciation for the importance of urban design techniques to create functionally and socially enriching human settlements in Saudi Arabia.

Area of emphasis 4: Urban Design		
Elective Courses		
Course No.	Course Title	Cr. Units
703	History and Built Environment	3
740	Urban Design Principles and Techniques	3
746	Urban Design as a Policy	3
747	History of Architecture in the Muslim City	3
748	The Structure of the Muslim Built Environment	3
749	The City and Culture in history	3



Area of Emphasis 5: Architectural Management

This area of emphasis focuses on the knowledge, theory and techniques necessary for thorough understanding of the nature of design process and practice. The courses offer the essential information in planning, organizing, leading and controlling design projects with reference to recent development in management theories (reengineering, lean theory, ... etc.) and IT application (modeling and simulation). Students are expected to investigate and relate issues learned in this area of emphasis to the current local practices in the design profession.

Area of emphasis 2: Architectural Conservation		
Elective Courses		
Course No.	Course Title	Cr. Units
663	Architectural Management	3
664	Architectural Design and Building Code	3
665	Client & Design Practice	3
666	Financial Management for Architects	3
667	Specifications and Contracts	3
668	Architectural Practice in Saudi Arabia	3

Area of Emphasis 6: Sustainable Architecture;

This area of emphasis deals with architecture as an important factor in the fields of sustainability. It investigates the environmental and developmental issues related to the performance of the built environment. It aims to provide graduates with the understanding and skills necessary for the designing of building in harmony with the environment.

Area of emphasis 6: Sustainable Architecture		
Elective Courses		
Course No.	Course Title	Cr. Units
661	Sustainable Development	3
670	Sustainable Architecture	3
677	Principles of Sustainable Design	3
678	Tropical Architecture and Environmental Control System	3
679	Energy Responsive Architectural Design	3
680	Environmental design and architecture	3