Course Specifications of:

Humanities in the Built Environment

Program(s) on which the course is given:M.Sc. - Architectural Design

Compulsory or Elective element of program: Compulsory

Department offering the program: Architecture

Academic year / Level: year/ 2013 -2014

Date of specification approval: June 2012

1. Basic Information
2. Title: Humanities in The Built EnvironmentCode: Arch604
3. Credit Hours: 3 Lecture: 3 practical: 0
4. Semester work: 120 Final Exam: 90 Practical: 90 Total: 300
5. Professional Information

1- Overall aims of course:

By the end of the course the student will be able to

1. Recognize the mutual relationship between man and the built environment.
2. Understand the impact of the built environment on the human behavior.
3. Recognize the role of design in improving users’ behavior.
4. Explore the impacts of urban form on public health.

2- Intended learning outcomes of course (ILOs):

1. **Knowledge and understanding**

2.1.2 Recognize the debate skills by increasing the level of intellectual discourse about architecture

2.1.4 Recognize the moral and legal principles of professional practice in the area of architectural design.

2.1.5 Define the principles and fundamentals of quality in architectural design field and professional practice.

1. **Intellectual skills**

2.2.1 Classify and assess information in the fields related to architectural design.

2.2.2 Draw analogies to solve design problems.

2.2.5 Explain how to make professional decisions in various professional contexts.

1. **Professional and practical skills**

2.3.2 Develop the ability to write and evaluate reports professionally.

2.3.3 Develop the capability to compare between various ideas and verify or refute them.

1. **General and transferable skills**

2.4.2 Assess him/her self and identify his/her own personal learning needs and conduct self-learning.

2.4.3 Set basis and standards to assess the performance of others.

2.4.5 Appraise the responsibility of the architect to elicit, understand and resolve the needs of the client.

3- Contents

|  |  |  |  |
| --- | --- | --- | --- |
| Topic No. | Topic | No. of weeks | Total no. of hours |
| 1 | Mutual relationship between man and the built environment | 1 | 3 |
| 2 | concept of the urban environment that fulfills the psychological, social | 1 | 3 |
| 3 | Aesthetic needs of man | 1 | 3 |
| 4 | The impact of the built environment on the human behavior  Social psychological studies | 1 | 3 |
| 5 | The impact of the built environment on the human behavior  Social psychological studies | 1 | 3 |
| 6 | The impact of behavioral activities on the design of urban spaces | 1 | 3 |
| 7 | The role of design in improving users’ behavior | 1 | 3 |
| 8 | The role of design in improving users’ behavior | 1 | 3 |
| 9 | How Natural and Built Environments Impact  Human Health | 1 | 3 |
| 10 | Linking Energy to Health and Productivity  in the Built Environment | 1 | 3 |
| 11 | The Human and Built Environment | 1 | 3 |
| 12 | Exploring the Impacts of Urban Form on Public Health | 1 | 3 |
| 13 | Exploring Social Motilities | 1 | 3 |
| 14 | Urban Form and children behavior | 1 | 3 |
| 15 | Oral exam | 1 | 3 |
| 16 | Final exam | 1 | 3 |
| TOTAL | | 16 | 45 |

4- Course Matrix

|  |  |  |
| --- | --- | --- |
| ILOs code number | Teaching/learning methods and strategies | Assessment methods and strategies |
| 2.1.2  2.1.4  2.1.5 | Acquisition of core knowledge and understanding is achieved mainly through   * lectures, * seminars, * directed reading,. | Assessment will be through   * individual coursework assignments, * oral arranged discussions about particular issues. |
| 2.2.1  2.2.2  2.2.5 | Analysis and problem‐solving skills are developed through   * lectures, * seminars * small group exercises. * project work and independent study. | Assessment of students   * prepared term research paper * number of essays prepared in responses to research * Research skills are developed through a research project in the course * Analysis and design skills and creativity are assessed through oral, written examinations, and Quizzes * Quizzes based abilities are mainly assessed through performance |
| 2.3.2  2.3.3 | * Projects demonstrations, * practical work, * practical based projects in selected particular sites, visits for site analysis | Practical skills are assessed through   * Quizzes prepared concept designs, * report writing about it, coursework exercises * project based on research presentations, * oral exams |
| 2.4.2  2.4.3  2.4.5 | * Presentations in several seminars (compulsory to be attended by a panel of departmental staff and other students). * Attendance of workshops * Compulsory writing reports | general skills are assessed through   * report writing * coursework exercises * oral exams * project based on research presentations, |

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5- Assessment schedule

* Assessment 1 Assignments on week’s9-14
* Assessment 2 Oral exam on week 15
* Assessment 3 Final exam on week 16

6- Weighting of assessments

* 40% Home assignments
* 30% Oral examination
* 30% Final-term examination
* 100% Total

7- List of References

-Benfield, F.K., Raimi, M.D., and Chen, D.D.T. (1999). Once There Were Greenfields: How Urban Sprawl Is Undermining America’s Environment, Economy, and Social Fabric. New York: Natural Resources Defense Council.

-Frank, L., Engelke, P., and Schmid, T. (2003). Health and Community Design: The Impact of the Built Environment on Physical Activity. Island Press.

[Architecture for Humanity Chapters](http://www.architectureforhumanity.org/chapters), Architecture for Humanit-

8- Facilities required for teaching and learning

Lecture room equipped with overhead projector

Presentation board, computer and data show

9- Intended learning outcomes of course (ILOs) Matrixes

**9.1 Matrix 01: Course contents &ILOs**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No. of weeks** | **Course Content** | **Total no. of hours** | **a. Knowledge andunderstanding** | | | **b. Intellectual Skills** | | | **c. Professional Skills** | | **d. General Skills** | | |
| 2.1.2 | 2.1.4 | 2.1.5 | 2.2.1 | 2.2.2 | 2.2.5 | 2.3.2 | 2.3.3 | 2.4.2 | 2.4.3 | 2.4.5 |
| 1 | Mutual relationship between man and the built environment | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 2 | concept of the urban environment that fulfills the psychological, social | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Aesthetic needs of man | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 4 | The impact of the built environment on the human behavior  Social psychological studies | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 5 | The impact of the built environment on the human behavior  Social psychological studies | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 6 | The impact of behavioral activities on the design of urban spaces | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 7 | The role of design in improving users’ behavior | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 8 | The role of design in improving users’ behavior | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 9 | How Natural and Built Environments Impact  Human Health | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 10 | Linking Energy to Health and Productivity  in the Built Environment | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 11 | The Human and Built Environment | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Exploring the Impacts of Urban Form on Public Health | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 13 | Exploring Social Motilities | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 14 | Urban Form and children behavior | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 15 | Oral exam | 3 |  |  |  |  |  |  |  |  |  |  |  |
| 16 | Final exam | 3 |  |  |  |  |  |  |  |  |  |  |  |

**9.2 Matrix 02: Aims &ILOs**

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| --- | --- | --- | --- | --- |
| **Aims**  **ILOs** | **1** | **2** | **3** | **4** |
| 2.1.2 |  |  |  |  |
| 2.1.4 |  |  |  |  |
| 2.1.5 |  |  |  |  |
| 2.2.1 |  |  |  |  |
| 2.2.2 |  |  |  |  |
| 2.2.5 |  |  |  |  |
| 2.3.2 |  |  |  |  |
| 2.3.3 |  |  |  |  |
| 2.4.2 |  |  |  |  |
| 2.4.3 |  |  |  |  |
| 2.4.5 |  |  |  |  |

Course coordinator:Associate Prof **dr./ Nahed Fathy**

Course instructor Associate Prof **dr./ Nahed Fathy**

Date 7/ 6 / 2014