**Course Specifications of Studies in Philosophy**

Program(s) on which the course is given:Ph. D. - Urban Design

Compulsory or Elective element of program: Compulsory

Department offering the program: Architecture

Academic year / Level: Doctor of Philosophy year 2013 / 2014

Date of specification approval: 23-1-2012

1. **Basic Information**

Title:Studies in Philosophy Code: Arc 701

Credit Hours: 3 Lecture: 3 Practical:

Semester work:120 Final Exam:90 Practical: 90 Total: 300

1. **Professional Information**

**1- Overall aims of course:**

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

1. Develop their knowledge about well-versed scientific research methodologies, and philosophical schools of thoughts, based upon inductive or deductive approaches.
2. Be able to structure research and set its objectives and hypothesis, in addition to designing of questionnaire.
3. Be able to apply ways and means for carrying out scientific methodologies for research preparation
4. Be able to aware of existing urban contexts/ problem solving exercises
5. Discuss comprehensive approaches to research follow up , presentation and approaches to research

**2- Intended learning outcomes of course (ILOs):**

1. **Knowledge and understanding**

2.1.2 Define the context in which buildings and cities operate. Moreover, be aware of the methods of sustainability of natural resources . for urban context of our communities.

2.1.3 Recognize and interpret new knowledge for urban design fields, through original research of quality .

2.1.5 Recognize and manage the implications of ethical dilemmas and work pro-actively with others to formulate solutions for urban context problems.

1. **Intellectual skills**

2.2.4 Apply a systematic acquisition and understanding of a substantial body of urban design knowledge.

2.2.6 Explain how to make informed judgments on complex issues in specialist fields, often in the absence of complete data, and be able to communicate ideas and conclusions clearly and effectively to specialist and non-specialist audiences and assess risks.

1. **Professional and practical skills**

2.3.3 Evaluate innovative methods and tools in urban design fields.

2.3.5 Use appropriate technological techniques; and establish, measure and review success criteria for urban issues.

1. **General and transferable skills**

2.4.1 Analyze and process information from a wide range of sources for our urban communities, analyze it critically and apply this information to research individually or in group using technological techniques (IT).

**3- Contents**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic No. | Topic | No. of weeks | Total no. of hours |
| 1 | Scientific research introduction and its definitions | 1 | 3 |
| 2 | Scientific research models | 1 | 3 |
| 3 | The differences between physical and social science | 1 | 3 |
| 4 | Scientific research hypothesis | 1 | 3 |
| 5 | Theories ,methods, and domains part a | 1 | 3 |
| 6 | Theories ,methods, and domains part b | 1 | 3 |
| 7 | Research deign Formats (Qualitative and quantitative ) | 1 | 3 |
| 8 | Multi –method research | 1 | 3 |
| 9 | Multi –method research | 1 | 3 |
| 10 | Evaluate problems and its solving within the parameter of practical applications | 1 | 3 |
| 11 | Results, Discussion and Conclusions | 1 | 3 |
| 12 | Examples & case studies | 1 | 3 |
| 13 | Project follow up  | 1 | 3 |
| 14 | Project follow up  | 1 | 3 |
| 15 | Submission and discussions | 1 | 3 |
| 16 | Final exam | 1 | 3 |
| TOTAL | 16 | 48 |

**4- Course Matrix**

|  |  |  |
| --- | --- | --- |
| ILO’s code number | Teaching/learning methods and strategies | Assessment methods and strategies |
| 2.1.22.1.32.1.5 | Acquisition of core knowledge and understanding is achieved mainly through: * Lectures,
* Seminars,
* Direct reading.
 | Assessment will be through:* Individual coursework assignments
* Planning schemes or essays about selected topics of interest
* Oral participation in discussion forum about particular issues to be arranged by staff,
* Writing reports about case study topics.
 |
| 2.2.42.2.6 | * Tutorials and staff arranged discussion forum, and small group exercises.
* Discussions of students prepared term research paper/ and or number of essays prepared in response to research topics selected by teaching staff.
 | * Oral and written examinations, and essays.
* Research project report about applied case study.
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| 2.3.32.3.5 | * Preparing for a practical methodology based on schematic concept formulation.
* Supervised practice for projects demonstrations, based upon site visits.
* Work on how to scientifically, write about philosophical approaches and concepts adopted for a particular problem of urban design.
 | * Oral and written dealing with selected urban problem issues,
* Coursework exercises through acknowledging potential concept alternative solutions.
* Prepare sketches for urban design concepts to be presented for final discussion and assessments.
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| 2.4.1 | * Attendance of workshops or conferences or internal seminars as directed by staff.
 | * Providing illustrative and media based presentations.
* Project presentation
 |

**5-Assessment schedule**

Assessment 1 Assignments on week’s 4-6-7-9-11-14

Assessment 3 Oral exam on week 15

Assessment 4 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**

### Berg. B. L. (2001). Qualitative research methods for the social sciences (4th ed.). Boston: Allyn & Bacon.

### Bryman, A. (2006 ). Mixed methods: A jour-volume set. London: Sage.

### Charmaz, K. (2006 ). Constructing grounded theory. Thousand Oaks, CA: Sage.

### Cheek, J. (2004). At the margins? Discourse analysis and qualitative research. Qualitative Health Research, 14, 1140-1150.

### Corbin, J. M., & Strauss, J. M. (2007). Basics of qualitative research: Techniques and procedures for developing grounded theory (3rd ed. ). Thousand Oaks, CA: Sage.

### Creswell, J. W .. & Plano Clark. V. L. (2007). Designing and conducting mixed methods research. Thousand Oaks. CA: Sage.

### [Creswell, J. W. (2008). Research design: Qualitative, quantitative, and mixed methods approach](http://gregperreault.com/creswell-j-w-2008-research-design-qualitative-quantitative-and-mixed-methods-approach/). CA: SAGE Publications, Incorporated.

### Field. A .. & Hole, G. (2003 ). How to design a report experiments. Thousand Oaks. CA: Sage.

### Leedy, P. (1981). How To Read Research And Understand It. New York: Collier Macmillan.

### Yin, R. K. (2003). Case study research: Design and methods (2nd ed.). Thousand Oaks, CA: Sage.

* ماهر عبدالقادر، (1984)*. فلسفة العلوم: المنطق الاستقرائي*. بيروت: دار النهضة العربية للطباعة والنشر.

**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 & ILO's**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No. of weeks** | **Course Content** | **Total no. of hours** | **a. Knowledge and understanding** | **b. Intellectual Skills** | **c. Professional** **Skills** | **d. General Skills** |
| 2.1.2 | 2.1.3 | 2.1.5 | 2.2.4 | 2.2.6 | 2.3.3 | 2.3.5 | 2.4.1 |
| 1 | Scientific research introduction and its definitions | 3 | **x** | **x**  | **x**  |  |  |  |  |  |
| 2 | Scientific research models | 3 |  | **x**  | **x**  | **x**  | **x**  |  |  |  |
| 3 | The differences between physical and social science | 3 | **x** |  | **x**  | **x**  |  |  |  |  |
| 4 | Scientific research hypothesis | 3 | **x** |  |  | **x**  | **x**  |  | **x** |  |
| 5 | Theories ,methods, and domains part a | 3 | **x**  | **x**  |  |  | **x**  | **x**  |  | **x** |
| 6 | Theories ,methods, and domains part b | 3 | **x**  | **x**  |  |  |  | **x** |  | **x** |
| 7 | Research deign Formats (Qualitative and quantitative ) | 3 |  |  |  | **x**  | **x**  | **x**  | **x**  |  |
| 8 | Multi –method research | 3 |  | **x**  | **x**  | **x**  |  |  |  |  |
| 9 | Multi –method research | 3 |  |  | **x**  | **x**  | **x**  |  |  | **x** |
| 10 | Evaluate problems and its solving within the parameter of practical applications | 3 |  |  |  | **x**  | **x**  | **x**  | **x**  | **x**  |
| 11 | Results, Discussion and Conclusions | 3 |  |  |  |  | **x**  | **x**  | **x**  | **x**  |
| 12 | Examples & case studies | 3 |  |  |  | **x**  | **x**  | **x**  | **x**  | **x**  |
| 13 | Project follow up  | 3 | **x**  | **x**  | **x**  |  |  |  |  |  |
| 14 | Project follow up  | 3 |  |  |  | **x**  | **x**  | **x**  | **x**  | **x**  |
| 15 | Submission and discussions | 3 | **x**  | **x**  | **x**  | **x**  | **x**  | **x**  | **x**  | **x**  |
| 16 | Final exam | 3 | **x**  | **x**  | **x**  | **x**  | **x**  | **x**  | **x**  | **x**  |

**9.2 Matrix 02: Aims & ILO's**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Aims****ILO's** | **1** | **2** | **3** | **4** | **5** |
| 2.1.2 | **x** |  |  | **x** |  |
| 2.1.3 | **x** | **x** | **x** |  | **x** |
| 2.1.5 |  | **x** |  | **x** |  |
| 2.2.4 |  |  |  |  | **x** |
| 2.2.6 |  | **x** |  |  |  |
| 2.3.3 |  | **x** | **x** | **x** | **x** |
| 2.3.5 |  |  |  | **x** | **x** |
| 2.4.1 | **x** | **x** | **x** | **x** | **x** |

Course coordinator:Ass. Prof. Dr. Moataz Salama

Course instructor: Ass. Prof. Dr. Moataz Salama

Date 1 /1 / 2014