**Course Specifications of:**

**Studies in Philosophy**

Program(s) on which the course is given :Ph. D. - Architectural 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 student will be able to

1. Determine and create new elements, principles, methods and applications in the field of architectural design, construction technology and management, housing, urban planning, maintenance and landscape
2. Analyze and examine constraints as environment, socio-culture, economic criteria …etc. that affects the discussion-making concerning architecture, urban fields, construction…etc., and has the ability to create alternatives.
3. Structuring research and set its objectives and hypothesis, in addition to designing of questionnaire.
4. Ways and means for carrying out scientific methodologies for research preparation
5. considering existing and culture planned urban contexts/ problem solving exercises
6. comprehensive approaches to research undertaking presentation approaches to research

2- Intended learning outcomes of course (ILOs):

1. **Knowledge and understanding**

2.1.2 Identify the characteristics of various research methodologies and philosophical schools of thoughts.

2.1.3 Recognize the scientific research ethics.

2.1.4 Define the principles and fundamentals of quality in the area of specialization.

1. **Intellectual skills**

2.2.2 Solve problems based on a given set of parameters.

2.2.3 Classify research studies to add to knowledge.

2.2.4 Write and formulate scientific papers.

2.2.5 Discuss his/ her Plan for performance development in the area of specialization.

2.2.7 Indicate logical reasoning methods and creative thinking techniques.

1. **Professional and practical skills**

2.3.1 Develop professional skills related to the area of specialization.

2.3.2 Assess methods and current tools in the area of specialization.

1. **General and transferable skills**

2.4.1 Experiment Communicating effectively using different means.

2.4.2 Use different sources for obtaining information and knowledge.

2.4.4 Argue and Teach others and assess their performance.

3- Contents

|  |  |  |  |
| --- | --- | --- | --- |
| Topic No. | Topic | No. of weeks | Total no. of hours |
| 1 | What is research and its models | 1 | 3 |
| 2 | What’s the difference between physical and social science | 1 | 3 |
| 3 | What’s the difference between physical and social science | 1 | 3 |
| 4 | Theories ,methods, and domains | 1 | 3 |
| 5 | Theories ,methods, and domains | 1 | 3 |
| 6 | Theories ,methods, and domains | 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 solving it with in the parameter of practical applications | 1 | 3 |
| 11 | Results, Discussion and Conclusions | 1 | 3 |
| 12 | Examples | 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 |
| 2.1.2  2.1.3  2.1.4 | Acquisition of core knowledge and understanding is achieved mainly through lectures, seminars, directed readingthat contribute to research and project work and independent research report for a selected case study. | Assessment will be through individual coursework assignments be it preparing planning schemes or essays about selected topics of interest and, oral participation in discussion forum about particular issues to be arranged by staff, and writing reports about case study topics, and providing illustrative and media based presentations. In addition to given final written examinations. Grades distribution system is shown in the curriculum table below. |
| 2.2.2  2.2.3  2.2.4  2.2.5  2.2.7 | * Analysis and problem‐solving skills are developed through 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. * Critical examination of reputable up to date field practiced physical plans at either of community area, development planning, or planning new town, or city level, to conclude lessons learned from practice. * Ensuring efficient response to the inter-disciplinary nature of urban and regional planning, and in depth understanding of the vibrant intricate planning functional inter-disciplinary relationships, and serious considerations for the manifestations of the socio-economic forces and public demands for participation involved in the process of plan preparation. | * Urban and regional planning capabilities and skills are assessed through oral and written examinations, and essays. * Urban and regional planning intellectual abilities and research skills are assessed through oral and written examinations and midterm staff selected topics for research project report about applied case study. |
| 2.3.1  2.3.2 | * Preparing practical based schematic plan formulation (emphasizing the process and creative approach). * Supervised practice for projects demonstrations, based upon planning area visits, and work on how to scientifically, skillfully and methodology write about philosophical approaches and concepts adopted for a particular project. | * Practical skills are assessed through dealing with selected urban/ regional planning problem issues, acknowledging potential planning alternative solutions, to be prepared as part of coursework exercises, and be either reported about or prepare a planning concept and presented for final discussion and assessments through evaluation of the adopted planning process and particular approach selected for the physical development proposed. |
| 2.4.1  2.4.2  2.4.4 | * Participation in annual seminars (compulsory to be attended by a panel of staff and students). * Attendance of workshops or conferences or internal seminars as directed by staff. * Writing one scientific published papers (compulsory assigned before obtaining the degree). | Project presentation |

5-Assessment schedule

Assessment 1 Assignmentsonweek’s 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

* ماهرعبدالقادر. . (1984)فلسفةالعلوم: المنطق الاستقرائي.بيروت:دارالنهضةالعربةٌللطباعةوالنشر.

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

### ar.wikipedia.org/wiki/ منهج-علمي

### Stewart Cohen, An International Journal for Philosophy in the Analytic Tradition, Springer.

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 | 2.1.4 | 2.2.2 | 2.2.3 | 2.2.4 | 2.2.5 | 2.2.7 | 2.3.1 | 2.3.2 | 2.4.1 | 2.4.2 | 2.4.4 |
| 1 | What is research and its models | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | What’s the difference between physical and social science | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | What’s the difference between physical and social science | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | Theories ,methods, and domains | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Theories ,methods, and domains | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Theories ,methods, and domains | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Research deign Formats (Qualitative and quantitative ) | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | Multi –method research | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9 | Multi –method research | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | Evaluate problems and solving it with in the parameter of practical applications | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | Results, Discussion and Conclusions | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | Examples | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 | Project follow up | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 | Project follow up | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 | Submission and discussions | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 | Final exam | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Aims**  **ILOs** | **1** | **2** | **3** | **4** | **5** | **6** |
| 2.1.2 |  |  |  |  |  |  |
| 2.1.3 |  |  |  |  |  |  |
| 2.1.4 |  |  |  |  |  |  |
| 2.2.2 |  |  |  |  |  |  |
| 2.2.3 |  |  |  |  |  |  |
| 2.2.4 |  |  |  |  |  |  |
| 2.2.5 |  |  |  |  |  |  |
| 2.2.7 |  |  |  |  |  |  |
| 2.3.1 |  |  |  |  |  |  |
| 2.3.2 |  |  |  |  |  |  |
| 2.4.1 |  |  |  |  |  |  |
| 2.4.2 |  |  |  |  |  |  |
| 2.4.4 |  |  |  |  |  |  |

Course coordinator:Ass. Prof. Dr. MoatazSalama

Course instructor: Ass. Prof. Dr. MoatazSalama

Date 1 /1 / 2014