## **Liverpool** John Moores University

Title: UNDERSTANDING RESEARCH AND KNOWLEDGE

**DEVELOPMENT** 

Status: Definitive

Code: **7001MRADV** (106878)

Version Start Date: 01-08-2014

Owning School/Faculty: Nursing and Allied Health Teaching School/Faculty: Nursing and Allied Health

| Team               | emplid | Leader |
|--------------------|--------|--------|
| Akhtar Wallymahmed |        | Υ      |

Academic Credit Total

Level: FHEQ7 Value: 10.00 Delivered 18.00

Hours:

Total Private

Learning 100 Study: 82

**Hours:** 

**Delivery Options** 

Course typically offered: Semester 1

| Component Contact Hours |        |
|-------------------------|--------|
| Lecture                 | 12.000 |
| Seminar                 | 6.000  |

**Grading Basis:** 40 %

#### **Assessment Details**

| Category | Short<br>Description | Description   | Weighting<br>(%) | Exam<br>Duration |
|----------|----------------------|---------------|------------------|------------------|
| Essay    | AS1                  | Seminar paper | 100.0            |                  |

#### **Aims**

To introduce the philosophical basis of the world views underpinning different research designs and how that impacts on knowledge development in comtemporary society.

To examine the nature of research and its relationship with different forms of knowledge development including science.

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Understand the relationship between paradigm ontology, epistemology and methodology
- 2 Critically compare different approaches to research and their ontological basis
- 3 Examine the role of theory in science and research
- 4 Understand the role of reflexivity in research and knowledge development
- 5 Critically examine the scientific method

### **Learning Outcomes of Assessments**

The assessment item list is assessed via the learning outcomes listed:

Essay 1 2 3 4 5

# **Outline Syllabus**

Brief history of science. Defining paradigm, ontology epistemology and methodology and the relationship between them. The scientific method and research design Positivism and recent challenges to this world view. The nature of knowledge development and the role of science and research. The reflective researcher. Role of theory in research. Social Science perspectives on knowledge development

## **Learning Activities**

Interactive lectures, seminars and examination of some key texts. Use will be made of VLE for group work and discussion.

#### References

| Course Material | Book                     |
|-----------------|--------------------------|
| Author          | Sayer, A                 |
| Publishing Year | 1992                     |
| Title           | Method in Social Science |
| Subtitle        |                          |
| Edition         | 2nd                      |
| Publisher       | Routledge                |
| ISBN            | 0415 076072              |

| Course Material | Book                                     |
|-----------------|--|
| Author          | Bourdieu, P;ChamboredonJ-C Passeron, J.C |
| Publishing Year | 1991                                     |
| Title           | The Craft of Sociology                   |
| Subtitle        | Epistemological Preliminaries            |
| Edition         |  |

| Publisher | Walter de Gruyter |  |
|-----------|-------------------|--|
| ISBN      | 3110119404        |  |

| Course Material | Book   |
|-----------------|--|
| Author          | Knorr,KK                                       |
| Publishing Year | 1999   |
| Title           | Epistemic Culture: How Sciences make knowledge |
| Subtitle        |  |
| Edition         |  |
| Publisher       | Harvard University Press                       |
| ISBN            | 0674758940                                     |

| Course Material | Book  |
|-----------------|---|
| Author          | Novrotny,H Scott, P Gibbons, M                        |
| Publishing Year | 2006  |
| Title           | rethinking Science Knowledge in an Age of uncertainty |
| Subtitle        |   |
| Edition         |   |
| Publisher       | Policy Press  |
| ISBN            | 0745626084  |

| Course Material | Book  |
|-----------------|---|
| Author          | Bateson, G  |
| Publishing Year | 2000  |
| Title           | Steps to the Ecology of the Mind                            |
| Subtitle        | Collected essays in Anthropology, Psychiatry, Evolution and |
|                 | Epistemology  |
| Edition         | reprint   |
| Publisher       | University of Chicago                                       |
| ISBN            | 0226039056  |

### **Notes**

An introduction to the the philosophy of science to provide students with an understanding of knowledge development and the role different types of research approaches play.