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Title: RESEARCH METHODS
 Status: Definitive
 Code: **7000CPPHAR** (113235)
 Version Start Date: 01-08-2011

Owning School/Faculty: Pharmacy & Biomolecular Sciences
 Teaching School/Faculty: Pharmacy & Biomolecular Sciences

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Academic Level: FHEQ7 **Credit Value:** 10.00 **Total Delivered Hours:** 24.00
Total Learning Hours: 100 **Private Study:** 76

Delivery Options

Course typically offered: Summer

Component	Contact Hours
Workshop	24.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Coursework - Research Protocol Assignment	100.0	

Aims

1. To encourage and engender confidence to undertake and participate in research in the general area of pharmacy and biomedical science.

2. To provide information to enable students to conduct a research project
3. To advise on the presentation and publication of research findings

Learning Outcomes

After completing the module the student should be able to:

- 1 1. Determine a strategy for a research project
- 2 2. Find and evaluate scientific literature relevant to a research project
- 3 3. Assess and select appropriate research methodologies
- 4 4. Evaluate and appraise the health and safety and ethical implications of a research project.
- 5 5. Synthesise experimental results into a publishable format

Learning Outcomes of Assessments

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

Assignment	1	2	3	4	5
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Outline Syllabus

Design of a research project

Time management and resource implication

Experimental procedures: controlled experiments, sampling techniques, questionnaire design, observation, reliability and validity, acquisition and use of secondary data.

Medical ethics: local ethical review committees, legal implications

Qualitative research methods

Data analysis and statistical procedures

Research report writing

Publication of results

Learning Activities

Students will attend workshops on the design, conduct and dissemination of the findings of a research project.

References

Course Material	Book
Author	Daly J. McDonald I. and Willis E.
Publishing Year	1992
Title	Researching health Care
Subtitle	

Edition	
Publisher	Routledge
ISBN	0415070783

Course Material	Book
Author	Mason, J.K., McCall-Smith, R.A. and Lauri, G.T.
Publishing Year	1999
Title	Law & Medical Ethics
Subtitle	
Edition	5th
Publisher	Butterworths
ISBN	0406896384

Course Material	Book
Author	McNeill P
Publishing Year	1990
Title	Research methods
Subtitle	
Edition	2nd
Publisher	Routledge
ISBN	0415041260

Course Material	Book
Author	Oppenheim A.N.
Publishing Year	1992
Title	Questionnaire Design Interviewing and Attitude Measurement
Subtitle	
Edition	2nd
Publisher	Pinter
ISBN	1855670445

Course Material	Book
Author	Peat J.K.
Publishing Year	2002
Title	Healthcare Science Research
Subtitle	
Edition	
Publisher	Sage
ISBN	0761974032

Course Material	Book
Author	Salako S.E.
Publishing Year	1998
Title	Informed Consent & Clinical Guideleines
Subtitle	
Edition	

Publisher	Pentaxion
ISBN	1874433010

Course Material	Book
Author	Schwartz, L., Preece, P.E. and Hendry, R.A. (2002)
Publishing Year	2002
Title	Medical Ethics a Case Based Approach
Subtitle	
Edition	
Publisher	Saunders
ISBN	0702025437

Course Material	Book
Author	Smith F.J.
Publishing Year	2002
Title	Research methods in Pharmacy Practice
Subtitle	
Edition	
Publisher	Pharmaceutical press
ISBN	0853694818

Notes

The research protocol assignment will normally be the protocol used for the MSc project. It will be assessed for this module then is examined by the module leader for the research project module for its suitability as an MSc project.