

Module Title:	Research Dissertation (MRes)	Level:	7	Credit Value:	120
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Module code:	BMS707	New	X	Code of module being replaced:	NA
		Existing			

Cost Centre:	GANG	JACS3 code:	F165
		HECoS code:	100265

Trimester(s) in which to be offered:	1,2,3	With effect from:	February 19
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Faculty:	Social and Life Sciences	Module Leader:	Prof Stephen Fôn Hughes (BCUHB)
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Scheduled learning and teaching hours	18 hrs
Guided independent study	1182 hrs
Placement	0 hrs
Module duration (total hours)	1200 hrs

Programme(s) in which to be offered	Core	Option
MRes Applied Biomedical Sciences Research	✓	<input type="checkbox"/>
MRes Applied Clinical Research	✓	<input type="checkbox"/>

Pre-requisites
Completion of the taught element of the relevant programme

Office use only

Initial approval January 19

APSC approval of modification *Enter date of approval*

Have any derogations received SQC approval?

Version 1

Yes No ✓

Module Aims

To provide the student with an opportunity to investigate systematically and in depth a scientific topic of direct relevance to the programme of study and his/her personal interests.

To enable the student to draw on and contribute to the development of the growing body of knowledge in their chosen broad scientific field.

To present the outcomes of personal research in the form of two publishable scientific papers.

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to

Key Skills

At the end of this module, students will be able to		Key Skills	
1	Analyse a clearly identified aspect of practice in the light of the empirical and theoretical learning in which they have engaged.	KS1	KS3
		KS4	KS5
		KS6	KS9
2	Evaluate a range of research methods and select an appropriate approach for the chosen topic.	KS1	KS3
		KS4	KS5
		KS6	KS9
3	Critically investigate the chosen topic in an informed and appropriate manner.	KS1	KS3
		KS4	KS5
		KS6	KS9
4	Integrate empirical and theoretical knowledge in conducting the investigation.	KS1	KS3
		KS4	KS5
		KS6	KS9
5	Plan and carry through a supervised programme of research.	KS1	KS3

		KS4	KS5
		KS6	KS9

Transferable/key skills and other attributes

- Exercise initiative and personal responsibility
- Demonstrate the independent learning ability required for continuing professional development
- Demonstrate competency in word processing and the presentation of data
- Demonstrate competency in the use of libraries, databases and the internet as sources of information as a basis for life-long learning
- Demonstrate excellent written communication skills

Derogations

N/A

Assessment:

Indicative Assessment Tasks:

Assessment:

Students will produce a 21,000-word maximum dissertation in the form of a research report to include a robust methodology section, PLUS a 6,000-word maximum journal article which encapsulates their analysis or research or exploration of methodology.

This journal article must indicate the journal to which it is intended to submit. The journal must be a national or international refereed journal, and the student will attach, as an appendix, the journal's authors' instructions. The student will ALSO present their dissertation to their peers, tutors and other invited audience (20 minutes).

Reassessment

Any student who fails this module will be reassessed in the component they failed. This reassessment will be in the same format as the failed component and will assess the original learning outcomes in that component.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration (if exam)	Word count (or equivalent if appropriate)
1	1-5	Dissertation	70%	N/A	21000 max
2	1-5	Article	20%	N/A	6000 max
3	1-5	Presentation	10%	20 minutes	3000 equivalent

Learning and Teaching Strategies:

The learning activity of the module is student-led with students taking responsibility for their own learning. It is expected that they will actively participate in critical analysis at all stages throughout the research process and liaise regularly with their allocated supervisor as appropriate.

Syllabus outline:

On completion of the taught modules, students will have developed their knowledge base and attained a high level of competence in the application, analysis and evaluation of theory and practice. This knowledge and critical skills will have been assessed in all previous assignments, thereby providing students with the opportunity to undertake a research project relevant to their taught programme of study.

The dissertation subject will be agreed with an appropriate supervisor and the Dissertation Module Leader (Research Co-ordinator). The subject matter may be related to any area of the scientific, clinical or healthcare discipline chosen by the student.

Bibliography:

Essential reading

Aveyard, H. (2014) *Doing a Literature Review in Health and Social Care: A Practical Guide 3rd Ed.* Maidenhead: Open University Press.

Rudestam, K. E., Newton, R. (2015) *Surviving Your Dissertation: A Comprehensive Guide to Content and Process.* 4th ed. London: Sage.

Other indicative reading

Gaw, A. (2011) *Abstract expressions: A quick guide to writing effective abstracts for papers and conferences.* Glasgow; SA Press.

Guest, G. & Namey, E. E. (eds) (2015) *Public health research methods.* London: Sage Publications.

Johnstone, M-J. (Latest Ed.) *Effective writing for health professionals a practical guide to getting published.* London: Routledge.

Walker, D. M. (2014). *An introduction to health services research.* Sage. London.