UNIVERSITY OF YORK

POSTGRADUATE PROGRAMME REGULATIONS
(for PGT programmes that will run under the new modular scheme)

This document applies to students who commence the programme(s) in:	2017/18
Awarding institution	**Teaching institution**
University of York	University of York
Department(s)	
Health Sciences	
Award(s) and programme title(s)	**Level of qualification**
Postgraduate Certificate in Health Research & Statistics	Level 7 (Masters)
Award(s) available *only* as interim awards	
None	

Admissions criteria
Students are generally required to have achieved a 2:1 or equivalent in their first degree. An IELTS score of 7.0 or above is required for students for whom English is not a first language.

Length and status of the programme(s) and mode(s) of study

Programme	Length (years) and status (full-time/part-time)	Start dates/months (if applicable – for programmes that have multiple intakes or start dates that differ from the usual academic year)	Mode		
			Face-to-face, campus-based	**Distance learning**	**Other**
Postgraduate Certificate in Health Research & Statistics	1 year full time 2 years part time		Face-to-face, campus-based	Use of VLE-based support material	Blended

Language of study	English

Programme accreditation by Professional, Statutory or Regulatory Bodies (if applicable)
N/A

Educational aims of the programme(s)
The Postgraduate Certificate in Health Research & Statistics builds on the Department of Health Sciences' national and international experience and reputation in Health Services Research.   The programme aims to equip students with the knowledge and skills required to: • carry out comprehensive literature searches   • design and conduct high quality health research using appropriate methods and study designs (e.g. randomised controlled trial, case-control or cohort study, systematic review)

- plan and undertake data analysis using the appropriate statistical methodologies
- critically appraise and interpret data
- compile research reports given a specific research question

This will be achieved by offering students a portfolio of modules that cover a range of methodologies including statistics, epidemiology, systematic reviews, health economics and randomised controlled trials, with the programme specifically designed to allow students to develop advanced skills in statistical methods or to develop a broader skill base across a range of study designs.

After completing the programme, graduates will prepared for careers within the ever expanding multi-disciplinary and multi-professional field of Health and will be well equipped to apply the skills and knowledge that they have acquired across any disease area, for example cancer, cardiovascular disease etc.

Whilst initially this programme has been specifically developed to deliver education in health-related methodologies for the North Yorkshire and East Coast Foundation School for their Foundation year doctors, it will also provide appeal to others interested in health related research and those who are looking for a postgraduate training in health research with an emphasis on applied statistical analysis.

| Additionally for the Diploma (if applicable): |
| N/A |

| Additionally for the Masters (if applicable): |
| N/A |

Intended learning outcomes for the programme – and how the programme enables students to achieve and demonstrate the intended learning outcomes

This programme provides opportunities for students to develop and demonstrate knowledge and understanding qualities, skills and other attributes in the following areas:	*The following teaching, learning and assessment methods enable students to achieve and to demonstrate the programme learning outcomes:*
A: Knowledge and understanding	
For the Postgraduate Certificate in Health Research and Statistics, by the end of the programme students will be able to: 1. Justify the appropriate use of different types of methods (e.g. quantitative, qualitative) and techniques used in health services research 2. Outline the strengths and limitations of the different types of study design used in health research 3. Identify the appropriate databases and sources of information for health and health care research 4. Discuss the difficulties inherent in collecting data and the importance of response rates	Learning/teaching methods and strategies (relating to numbered outcomes): - Lectures (1-7) - Small group work (2,4,5,7) - Independent study/directed reading (1-7) - Use of the VLE (1-5,7)

5. Identify the most appropriate statistical tests given a particular research question and study design 6. Illustrate the role of ethics in Health Research 7. Evaluate statistical methods used in health research	Types/methods of assessment (relating to numbered outcomes) • Closed examination (1-7) • Computer based open-book exam (2,3,5,7) • Essay (1-7) • Proposal/protocol (3,4,5,7)

B: (i) Skills – discipline related	
For the Postgraduate Certificate in Health Research and Statistics, by the end of the programme students will be able to: 1. Formulate and refine research questions 2. Design a high quality research study in a health related field using the most appropriate methodology (e.g clinical trials, case-control studies, cohort studies) 3. Conduct an efficient search for literature relevant to a specific study using appropriate databases and sources of information 4. Plan and undertake data analysis using statistical packages (e.g SPSS) 5. Use appropriate statistical tests 6. Critically appraise and interpret research findings from different study designs 7. Prepare statistical reports 8. Prepare study protocols 9. Compile research reports	Learning/teaching methods and strategies (relating to numbered outcomes): • Lectures (1-9) • Small group work (1-4,6) • Independent study/directed reading (1-4,6) • Use of the VLE (1-9)
	Types/methods of assessment (relating to numbered outcomes) • Closed examination (1,2,4,5) • Computer based open-book exam (4,5) • Essay (1-9) • Proposal/protocol (1-9)

B: (ii) Skills - transferable	
For the Postgraduate Certificate in Health Research and Statistics, by the end of the programme students will be able to: 1. Demonstrate independent, critical and original thought 2. Organise and present complex arguments (in written and spoken form) 3. Develop and synthesise research ideas 4. Analyse and present data effectively and accurately 5. Communicate effectively with colleagues from other disciplines and professions 6. Critically appraise information from various sources	Learning/teaching methods and strategies (relating to numbered outcomes): • Lectures (1-8) • Small group work (1-6) • Independent study/directed reading (1-8) • Use of the VLE (1,2,3,6,7)

7. Obtain electronic and written information from various sources 8. Organise and manage workload effectively and develop time management skills	Types/methods of assessment (relating to numbered outcomes) • Closed examination (1,2,3,6,8) • Computer based open-book exam (2,3,4,8) • Essay (1,2,3,6,7,8) • Proposal/protocol (1,2,3,4,6,7,8)

C: Experience and other attributes	
For the Postgraduate Certificate in Health Research and Statistics, by the end of the programme students will have the opportunity to: 1. Be part of a large multi-disciplinary Department where cutting edge Health research is being undertaken 2. Be part of the large postgraduate community and take part in postgraduate events (e.g. presentations/seminars) 3. Work as part of a team on group projects from cross-disciplines and therefore gain confidence in communicating with others 4. Undertake self-directed reading and study and work independently	Learning/teaching methods and strategies (relating to numbered outcomes): Studying at York (1-4) Departmental seminars (1,2) Module specific activities (3-4)
	Types/methods of assessment (relating to numbered outcomes) Not directly assessed with the exception of (4) which will be covered in the assessment methods described in the previous sections.

Relevant Quality Assurance Agency benchmark statement(s) and other relevant external reference points (e.g. National Occupational Standards, or the requirements of Professional, Statutory or Regulatory Bodies)
The programmes learning outcomes are informed by the QAA Framework for Higher Education Qualifications The programme has been informed the QAA Benchmark Statements for Business and Management. Although the programme is aimed at health professionals, the theory, research and skills development underpinning the programme are generic in nature. The programme is aligned with the QAA's statements in terms of: subject knowledge, understanding and skills; the integration between theory and practice; the benchmarks themselves.

University award regulations
To be eligible for an award of the University of York a student must undertake an approved programme of study, obtain a specified number of credits (at a specified level(s)), and meet any other requirements of the award as specified in the award requirements and programme regulations, and other University regulations (e.g. payment of fees). Credit will be awarded upon passing a module's assessment(s) but some credit may be awarded where failure has been compensated by achievement in other modules. The University's award and assessment regulations specify the University's marking scheme, and rules governing progression (including rules for compensation), reassessment and award requirements. The award and assessment regulations apply to all programmes: any exceptions that relate to this programme are approved by University Teaching Committee and are recorded at the end of this document.
Departmental policies on assessment and feedback
Detailed information on assessment (including grade descriptors, marking procedures, word counts etc.) is available in the written statement of assessment which applies to this programme and the relevant module descriptions. These are available in the student handbook and on the Department's website: http://www.york.ac.uk/healthsciences/
Information on formative and summative feedback to students on their work is available in the written statement on feedback to students which applies to this programmes and the relevant module descriptions. These are available in the student handbook and on the Department's website: http://www.york.ac.uk/healthsciences/

Diagrammatic representation of the programme structure, showing the distribution and credit value of core and option modules

Postgraduate Certificate
All modules are 10 credits unless otherwise stated

Compulsory modules (30 credits)
- Health Research Methods (20 credits)
- Introduction to Regression Analysis

Autumn term	Spring term	Summer term
Health Research Methods (20 credits)		
	Introduction to Regression Analysis	

Optional Modules (30 credits)
- Introduction to Applied Multi-Level Analysis
- Epidemiology
- Randomised Controlled Trials
- Health Economics
- Systematic Reviews
- Further Regression Analysis
- Measurement in Health & Disease

Autumn term	Spring term	Summer term
Introduction to Applied Multi-Level Analysis	Health Economics	Further Regression Analysis
Epidemiology	Systematic Reviews	Measurement in Health & Disease
Randomised Controlled Trials		

*This module currently runs on a block basis over a given number of days.

Part time students will either be able to take 10 optional credits in year 1 and 20 optional credits in year 2, OR 30 optional credits in year 2.

Diagrammatic representation of the timing of module assessments and reassessments, and the timing of departmental examination/progression boards

Autumn term	Spring term	Summer term	Summer vacation	Date of final award board
	Epidemiology **Week 1**	Health Economics **Week 1**	Internal progression board **July 2018**	*Final exam board* **October 2018**
	Randomised Controlled Trials **Week1**	Health Research Methods **Week 1 (exam)**		
	Introduction to Applied Multi-Level Analysis **Week 1**	Systematic Reviews **Week 1**		
	Health Research Methods **Week 5 (written assessment)**	Further Regression Analysis **Week 10**		
	Introduction to Regression Analysis **Week 12**	Measurement in Health & Disease **Week 10**		
Footnote: Re-sit and re-submission for modules in August				

Overview of modules

Core module table

Module title	Module code	Credit level[1]	Credit value[2]	Prerequisites	Assessment rules[3]	Timing (term and week) and format of main assessment[4]	Independent Study Module?[5]
Health Research Methods	HEA00090M	7	20	None		Week 5, SpT report (15%) Week 1, SuT, 2 hour exam (70%) & Biweekly quizzes (15%)	No
Introduction to Regression Analysis	HEA00093M	7	10	None	NC	Week 12, SpT, 2,000 word report (90%) & Biweekly quizzes (10%)	No

Option modules

Module title	Module code	Credit level	Credit value	Prerequisites	Assessment rules	Timing and format of main assessment	Independent Study Module?
Epidemiology	HEA00013M	7	10	None		Week 1, SpT, 2 hour closed exam	No
Further Regression Analysis	HEA00002M Or HEA00094M[6]	7	10	HEA00001M or HEA00093M		Week 10, SuT, 2.5 hour computer-based exam	No
Health Economics	HEA00019M	7	10	None		Week 1, SuT, 2 hour closed exam	No

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[1] The **credit level** is an indication of the module's relative intellectual demand, complexity and depth of learning and of learner autonomy. Most modules in postgraduate programmes will be at Level 7/Masters. Some modules are permitted to be at Level 6/Honours but must be marked on a pass/fail basis. See University Teaching Committee guidance for the limits on Level 6/Honours credit.

[2] The **credit value** gives the notional workload for the module, where 1 credit corresponds to a notional workload of 10 hours (including contact hours, private study and assessment)

[3] **Special assessment rules** (requiring University Teaching Committee approval)
P/F – the module is marked on a pass/fail basis (NB pass/fail modules cannot be compensated)
NC – the module cannot be compensated
NR – there is no reassessment opportunity for this module. It must be passed at the first attempt

[4] AuT – Autumn Term, SpT – Spring Term, SuT – Summer Term, SuVac – Summer vacation

[5] **Independent Study Modules** (ISMs) are assessed by a dissertation or substantial project report. They cannot be compensated (NC) and are subject to reassessment rules which differ from 'taught modules'. Masters programmes should include an ISM(s) of between 60 and 100 credits. This is usually one module but may be more.

[6] This is an online version of the module and students will be allowed to take either the face to face or on line version

Introduction to Applied Multi-Level Analysis	HEA00039M	7	10	HEA00093M		Week 12, SpT, 3 hour computer-based exam	No
Measurement in Health & Disease	HEA00028M	7	10	HEA00090M		Week 10, SuT, 2-hour open book exam	No
Randomised Controlled Trials	HEA00034M	7	10	None		Week 1, SpT, 2,500 word assignment	No
Systematic Reviews	HEA00036M	7	10	HEA00090M *or* HEA00091M HEA00034M		Week 1, SuT, 2,500 word assignment	No

Transfers out of or into the programme

Exceptions to University Award Regulations approved by University Teaching Committee	
Exception	Date approved

Quality and Standards

The University has a framework in place to ensure that the standards of its programmes are maintained, and the quality of the learning experience is enhanced.

Quality assurance and enhancement processes include:

- The academic oversight of programmes within departments by a Board of Studies, which includes student representation
- The oversight of programmes by external examiners, who ensure that standards at the University of York are comparable with those elsewhere in the sector
- Annual monitoring and periodic review of programmes
- The acquisition of feedback from students by departments.

More information can be obtained from the Academic Support Office:
http://www.york.ac.uk/admin/aso/

Departmental Statements on Audit and Review Procedures are available at:
http://www.york.ac.uk/admin/aso/teach/deptstatements/index.htm

Date on which this programme information was updated:	21/8/2017
Departmental web page:	http://www.york.ac.uk/healthsciences/gradschool/

Please note

The information above provides a concise summary of the main features of the programme and learning outcomes that a typical students might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the leaning opportunities that are provided.

Detailed information on learning outcomes, content, delivery and assessment of modules can be found in module descriptions.

The University reserves the right to modify this overview in unforeseen circumstances, or where processes of academic development, based on feedback from staff, students, external examiners or professional bodies, requires a change to be made. Students will be notified of any substantive changes at the first available opportunity.