

PROGRAMME SPECIFICATION**Newcastle
University**

1 Awarding Institution	Newcastle University
2 Teaching Institution	Newcastle University
3 Final Award	MSc/Postgraduate Diploma/Postgraduate Certificate
4 Programme Title	Health Sciences
5 UCAS/Programme Code	MSc 5011; Diploma 3385; Certificate 3028
6 Programme Accreditation	N/A
7 QAA Subject Benchmark(s)	N/A
8 FHEQ Level	M
9 Date written/revised	20 September 2007

10 Programme Aims

To produce graduates with an academic foundation in the disciplines underlying public health and health sciences with these specific knowledge and skills:

- 1 A critical understanding of the factors that influence the health of populations and the skills to research these factors.
- 2 An understanding of the settings in which health and health care are influenced.
- 3 The ability to apply research findings to improve health or effective delivery of health care services.
- 4 The capacity to integrate material across a range of disciplines.
- 5 The ability to carry out a research project within the disciplines covered in Health Sciences.
- 6 To provide a programme that meets the FHEQ at Masters level.

The aims for the Postgraduate Diploma in Health Sciences are 1 - 4.

The aims for the Postgraduate Certificate in Health Sciences are 1 and 2.

11 Learning Outcomes

The programme provides opportunities for students to develop and demonstrate knowledge and understanding, qualities, skills and other attributes in the following areas.

Knowledge and Understanding

On completing the programme students should be able to demonstrate the ability to:

- A1 demonstrate knowledge of the way in which health care is planned, delivered and influenced in the UK
- A2 demonstrate knowledge of the health status of individuals and populations and the factors that influence them

Teaching and Learning Methods
Knowledge and understanding (A1-2) are primarily imparted through lectures and seminars. In both cases group and computer-based exercises, and student presentations are used to check the students' learning. Both A1 and A2 are achieved by project work undertaken as part of several of the modules leading to this learning outcome. Students are encouraged and expected to undertake independent reading to supplement the taught component of the programme. This reading is supported by the provision of reading lists, with identified prioritised references. Exercises are provided throughout the programme for self assessment/monitoring of progress.
Assessment Strategy
Knowledge and understanding of the subjects is primarily assessed by unseen examinations (A1-2) and written assignments (A1-2).
Intellectual Skills
On completing the programme students should be able to: B1 critically appraise and summarise published literature (MSc, Postgraduate Diploma and Postgraduate Certificate) B2 analyse, evaluate and interpret health-related data (MSc, Postgraduate Diploma and Postgraduate Certificate) B3 use evidence to recommend changes to public health and health care practice (MSc and Postgraduate Diploma)
Teaching and Learning Methods
Intellectual skills are developed through seminars (B1-3) and individual and group exercises (B1+2). Students are encouraged to explore and develop these skills through directed reading and student presentations, through case studies (B2) and project work to assess and solve problems (B3). These practical exercises can involve small group work in seminars or be individual pieces of work either for informal presentation to the group or by self-directed learning/directed reading.
Assessment Strategy
Intellectual skills are assessed by unseen examinations and written assignments (B1-3).
Practical Skills
On completing the programme students should be able to: C1 design a study to investigate a health-related question (MSc) C2 implement a study of a health-related question (MSc)
Teaching and Learning Methods
Skills in study design (C1) and study implementation (C2) are developed by lectures, seminars and individual and group exercises. Students are also taught basic statistical computing packages (C1-2) and undertake practical exercises on a regular basis. Students are supported in the development of these skills and their application in the dissertation by one-to-one supervision. Students are encouraged to develop practical skills C1-2 through active participation in class exercises. These skills are further developed and reinforced as the students apply their new skills to the development of a research project which is written up as their dissertation.

Assessment Strategy
These skills are assessed by design and implementation of a research project for the dissertation (C1-2), by unseen examinations (C1) and written assignments (C1-2).
Transferable/Key Skills
On completing the programme students should be able to:
<p>D1 identify appropriate information from a variety of sources D2 integrate material to investigate a topic D3 demonstrate effective communication skills using a variety of media D4 plan, organise and prioritise work activities to meet deadlines D5 use library and IT resources skilfully and appropriately</p>
Teaching and Learning Methods
The skill of identifying sources of information (D1) is developed through lectures, seminars and practical group exercises. A key part of the programme is integrating the material from the various modules (D2), and this is developed through seminars, lectures, group exercises and student presentations, and also by tutors cross-referencing material from relevant modules. Communication and presentation skills (D3) are developed through seminars, group exercises and student presentations. Planning and organisation of their work (D4) and use of library and information technology resources (D5) are covered throughout the programme. Students are encouraged to develop key skills D1-5 through active participation in group exercises, through informal presentations to the group and through the completion of written work. Integration of material from across the programme content is encouraged in the planning and implementation of the research project for the dissertation which makes up the final part of the programme. Students are supported by an academic supervisor, who provides support and advice throughout the dissertation.
Assessment Strategy
Skills D1-5 are assessed by a combination of written assignments and the dissertation. In addition, skills D1-3 are assessed by oral presentation, and skill D1 is assessed by unseen examination.
12 Programme Curriculum, Structure and Features
Basic structure of the programme
The MSc consists of a body of taught modules, and a supervised project and dissertation. To be awarded an MSc, students must successfully complete 180 credits: taught modules account for 120 credits, while the dissertation accounts for 60 credits.
To be awarded a Postgraduate Diploma, students must successfully complete 120 credits of the taught programme of study.
The Postgraduate Certificate consists of 60 credits from the taught programme, and is suitable for students wanting an introduction to the methods of health and health services research.
Students may complete the MSc course full-time over one year, or part-time over two or three years. Taught modules may be split over two years, while the project and dissertation are done in the last year of study.
1) The 1-year option comprises contact teaching during September – May/June for the taught modules, and then the summer is spent completing the project and dissertation. Students will be expected to use non-contact time during September - May/June for the development of their dissertation project.

2) The 2-year option involves *either*

- completing all the 120 credits from taught modules in the first year, followed by the dissertation project in the second year *or*
- completing 60 or 70 credits from taught modules in the first year, with the remaining modules needed to complete the 120 credits of the taught component and the dissertation project in the second year.

3) The 3-year option is to take 60 or 70 credits from taught modules in the first year, the remainder in the second year, and the dissertation project in the third year.

Students may complete the Postgraduate Diploma course full-time over 9 months, or part-time over 21 months.

Students take the Postgraduate Certificate as a part-time course over 9 months.

Key features of the programme (including what makes the programme distinctive)

The MSc programme provides, together with service training, an appropriate preparation for the academic components of the Diploma and Part A MFPH examination of the Faculty of Public Health.

The list of modules and their credit values are given below.

Code	Module	Credit Size
HSC8040	Health and Health Care Policy	10
HSC8036	Medical Statistics	20
HSC8029	Fundamentals of Research	20
HSC8042	Health Promotion	10
HSC8033	Advanced Research Methods	20
HSC8047	Health and Society	10
HSC8045	Public Health Protection	10
HSC8027	Health Economics	10
HSC8046	Applied Epidemiology	20
HSC8048	Health Care Quality	10
HSC8099	Dissertation	60
PP203	Partnerships working for health (Northumbria University module)	20
PL079	Health Development: a global perspective (Northumbria University module)	20

The University has made a formal agreement with Northumbria University whereby modules up to the value of 40 credits from Northumbria University's Master of Public Health programme are to be offered as options to Newcastle University MSc or Postgraduate Diploma in Health Sciences students (and vice versa).

Programme regulations (link to on-line version)

MSc - <http://www.ncl.ac.uk/regulations/programme/2007-2008/programme/5011.php>

Diploma - <http://www.ncl.ac.uk/regulations/programme/2007-2008/programme/3385.php>

Certificate - <http://www.ncl.ac.uk/regulations/programme/2007-2008/programme/3028.php>

13 Criteria for admission

Entry qualifications

A degree or an equivalent professional qualification. Non-medical applicants should have an upper-second-class Honours degree in a relevant subject, or show academic attainment to a similar level.

Additional requirements

It is desirable that applicants who are health professionals should have at least two years' experience post-qualification. It is also desirable that applicants have substantial experience of working in the NHS (or equivalent) or understand how the NHS functions.

Admissions policy/selection tools

Applications may be made at any time during the year, but a closing date for finalisation of places will be set annually, usually the end of August. Offers of places are made to suitably qualified applicants, conditional upon receiving a satisfactory reference, evidence of qualifications and IELTS or TOEFL score if applicable. Interviews will be undertaken if appropriate. Specialist Registrars in Public Health in the Strategic Health Authority will be deemed accepted upon appointment.

Non-standard entry requirements

Candidates who do not meet the criteria are encouraged to discuss their application with the programme director and/or to provide written justification for their application for this particular programme. All applicants will be considered individually on merit.

Level of English language capability

Applicants whose first language is not English require IELTS 7.5, TOEFL 625 (paper-based) or 263 (computer-based), or equivalent, with a writing score of no less than IELTS 7.0 or equivalent.

14 Support for Student Learning

Induction

During the first week of the first semester students attend an induction programme. New students will be given a general introduction to University life and the University's principle support services and general information about the School and their programme, as described in the Degree Programme Handbook. New and continuing students will be given detailed programme information and the timetable of lectures/practicals/labs/ tutorials/etc. The International Office offers an additional induction programme for overseas students.

Study skills support

Students will learn a range of Personal Transferable Skills, including Study Skills, as outlined in the Programme Specification. Some of this material, e.g. time management is covered in the appropriate Induction Programme. Students are explicitly tutored on their approach to both group and individual projects.

Numeracy support is available through Maths Aid.

Help with academic writing is available from the Writing Centre.

Academic support

The initial point of contact for a student is with a lecturer or module leader, or their academic tutor (see below) for more generic issues. One or more members of the academic staff are provided to supervise their dissertation project and to advise them on the production of their dissertation. Thereafter the Degree Programme Director may be consulted. Issues relating to the programme may be raised at the Staff-Student Committee and/or at the Board of Studies.

Pastoral support

All students are assigned an academic tutor whose responsibility is to monitor the academic performance and overall well-being of their tutees. The results of module assessments are fed back to the tutors, allowing them to monitor the progress of the students. In addition the University offers a range of support services, including one to one counselling and guidance or group sessions/workshops on a range of topics, such as emotional issues e.g. stress and

anxiety, student finance and budgeting, disability matters etc. There is specialist support available for students with dyslexia and mental health issues. Furthermore, the Union Society operates a Student Advice Centre, which can provide advocacy and support to students on a range of topics including housing, debt, legal issues etc.

Support for students with disabilities

The University's Disability Support Service provides help and advice for disabled students at the University - and those thinking of coming to Newcastle. It provides individuals with: advice about the University's facilities, services and the accessibility of campus; details about the technical support available; guidance in study skills and advice on financial support arrangements; a resources room with equipment and software to assist students in their studies.

Learning resources

The University's main learning resources are provided by the Robinson and Walton Libraries (for books, journals, online resources), and Information Systems and Services, which supports campus-wide computing facilities.

All new students whose first language is not English are required to take an English Language Proficiency Test. This is administered by INTO Newcastle University Centre on behalf of Newcastle University. Where appropriate, in-sessional language training can be provided. The INTO Newcastle University Centre houses a range of resources which may be particularly appropriate for those interested in an Erasmus exchange.

15 Methods for evaluating and improving the quality and standards of teaching and learning

Module reviews

All modules are subject to review by questionnaires which are considered by the Curriculum Committee and the Board of Studies. Changes to, or the introduction of new modules are considered at the Curriculum Committee. Student opinion is sought at the Staff-Student Committee and/or the Curriculum Committee. New modules and major changes to existing modules are subject to approval by the Faculty Teaching and Learning Committee.

Programme reviews

The Board of Studies conducts an Annual Monitoring and Review of the degree programme and reports to Faculty Teaching and Learning Committee.

External Examiner reports

External Examiner reports are considered by the Curriculum Committee and Board of Studies. The Board responds to these reports through Faculty Teaching and Learning Committee. External Examiner reports are shared with institutional student representatives, through the Staff-Student Committee.

Student evaluations

All modules, and the degree programme, are subject to review by student questionnaires. Informal student evaluation is also obtained at the Staff-Student Committee and the Curriculum Committee.

Mechanisms for gaining student feedback

Feedback is channelled via the Staff-Student Committee and the Curriculum Committee.

Faculty and University review mechanisms

The programme is subject to the University's Internal Subject Review process. Every five years degree programmes in each subject area are subject to periodic review. This involves both the detailed consideration of a range of documentation, and a two-day review visit by a review team which includes an external subject specialist in addition to University and Faculty representatives. Following the review a report is produced, which forms the basis for a decision by University Teaching and Learning Committee on whether the programmes reviewed should be re-approved for a further five year period.

Accreditation reports
N/A

Additional mechanisms
None

16 Regulation of assessment

Pass mark

The pass mark is 50 (postgraduate programmes).

Progression is subject to the University's Masters Degree Progress Regulations, Taught and Research and Examination Conventions for Taught Masters Degrees. Limited compensation up to 40 credits of the taught element and down to a mark of 40 is possible and there are reassessment opportunities, with certain restrictions.

Summary description applicable to Postgraduate Masters programmes

<50	Fail
50-59	Pass
60-69	Pass with Merit
70 or above	Pass with Distinction

Summary description applicable to Postgraduate Certificate and Diploma programmes

<50	Fail
50 or above	Pass

Role of the External Examiner

An External Examiner (currently Dr Sue Richards, Senior Lecturer in Public Health & Primary Care, City University, London) is appointed by Faculty Teaching and Learning Committee, after recommendation from the Curriculum Committee.

The External Examiner is expected to:

- See and approve examination papers
- Moderate examination and coursework marking
- Attend the Board of Examiners
- Report to the University on the standards of the programme

In addition, information relating to the programme is provided in:

The University Prospectus (see <http://www.ncl.ac.uk/postgraduate/>)

The University Regulations (see <http://www.ncl.ac.uk/calendar/university.regs/>)

The Degree Programme Handbook

Please note. This specification provides a concise summary of the main features of the programme and of the learning outcomes that a typical student might reasonably be expected to achieve if she/he takes full advantage of the learning opportunities provided. The accuracy of the information contained is reviewed by the University and may be checked by the Quality Assurance Agency for Higher Education

Mapping of intended learning outcomes onto curriculum/modules

Intended Learning Outcome	Module codes (Compulsory/core in bold)
A1 - Demonstrate knowledge of the way in which health care is planned, delivered and influenced in the UK (MSc and Postgraduate Diploma)	HSC8040 , HSC8027, HSC8046, HSC8047
A2 - Demonstrate knowledge of the health status of individuals and populations and the factors that influence them (MSc, Postgraduate Diploma and Postgraduate Certificate)	HSC8029 , HSC8047 , HSC8046, HSC8042, HSC8036 , PL079, HSC8045
B1 - Critically appraise and summarise published literature (MSc, Postgraduate Diploma and Postgraduate Certificate)	HSC8029 , HSC8027, HSC8036 , HSC8048
B2 - Analyse, evaluate and interpret health-related data (MSc, Postgraduate Diploma and Postgraduate Certificate)	HSC8029 , HSC8036 , HSC8027, HSC8033, HSC8046
B3 - Use evidence to recommend changes to health care practice (MSc and Postgraduate Diploma)	HSC8046, HSC8036 , HSC8042, HSC8048, PP203
C1 - Design a study to investigate a health-related question (MSc)	HSC8040 , HSC8036 , HSC8029 , HSC8042, HSC8033, HSC8047 , HSC8045, HSC8027, HSC8046, HSC8048, HSC8099, PP203, PL079
C2 - Implement a study of a health-related question (MSc)	HSC8033, HSC8036 , HSC8029 , HSC8026 , HSC8027, HSC8042, HSC8046, HSC8045, HSC8048, HSC8099, PL079
D1 - Identify appropriate information from a variety of sources (MSc and Postgraduate Diploma)	HSC8046, HSC8029 , HSC8048, HSC8040 , HSC8045
D2 - Integrate material to investigate a topic (MSc, Postgraduate Diploma and Postgraduate Certificate)	HSC8040 , HSC8036 , HSC8029 , HSC8042, HSC8033, HSC8047 , HSC8045, HSC8027, HSC8046, HSC8048, HSC8099, PP203, PL079
D3 - Demonstrate effective communication skills in a variety of media (MSc, Postgraduate Diploma and Postgraduate Certificate)	HSC8040 , HSC8036 , HSC8029 , HSC8042, HSC8033, HSC8047 , HSC8045, HSC8027, HSC8046, HSC8048, HSC8099, PP203, PL079

<p>D4 - Plan, organise and prioritise work activities to meet deadlines (MSc, Postgraduate Diploma and Postgraduate Certificate)</p>	<p>HSC8040, HSC8036, HSC8029, HSC8042, HSC8033, HSC8047, HSC8045, HSC8027, HSC8046, HSC8048, HSC8099, PP203, PL079</p>
<p>D5 - Use library and IT resources skilfully and appropriately (MSc, Postgraduate Diploma and Postgraduate Certificate)</p>	<p>HSC8040, HSC8036, HSC8029, HSC8042, HSC8033, HSC8047, HSC8045, HSC8027, HSC8046, HSC8048, HSC8099, PP203, PL079</p>