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REGULATIONS

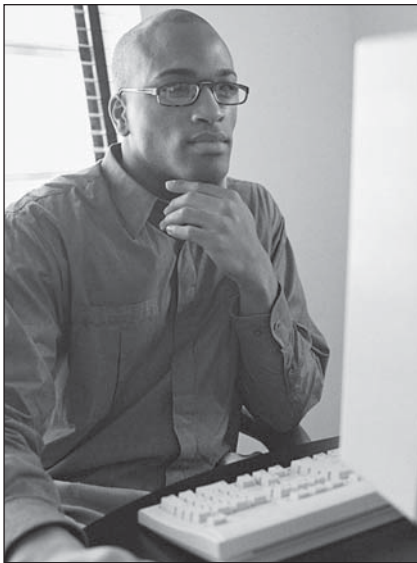
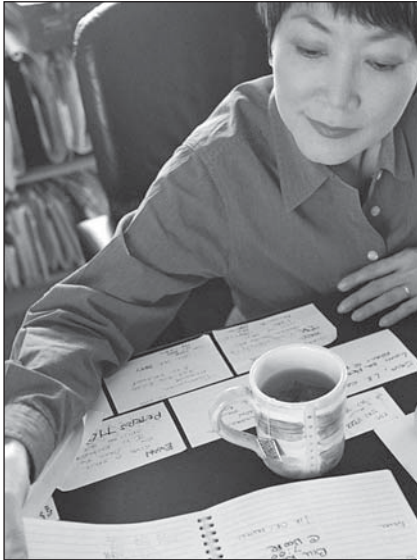
2009–10

Important document – please read

Please read this booklet with care. It contains important information that governs your registration as an External student and your programme of study

MSc and Postgraduate Diploma in Public Health

(Including short courses)



Important document – please read

Regulations are reviewed and published annually, and are subject to change. Examinations, for example, are governed by the Regulations in force at the time of the examination and not at the time that a student initially registered. Students must, therefore, refer to the Regulations for the current year at all times.

All students are required to comply with the regulations, as well as the procedures, deadlines and instructions issued by the University in, for example, the student handbook/manual and Notice to candidates. The University is not responsible for any consequences arising from a student's failure to comply with these Regulations, procedures, deadlines or instructions.

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MSc and Postgraduate Diploma in Public Health

Contents

This booklet contains the Regulations for the MSc degree and Postgraduate Diploma in Public Health (known the 'Programme Regulations') plus the General Regulations which govern all awards placed at level 7 of the Framework for Higher Education Qualifications (FHEQ). The FHEQ forms part of the academic infrastructure of the Quality Assurance Agency for Higher Education (QAA) in England and Wales. The two sets of Regulations should be read together. This booklet also contains the Programme Regulations and the General Regulations for the short courses that are derived from these awards.

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Programme Regulations

The terminology to describe individual elements of this programme has changed from 'unit' to 'module'. The study materials will be updated to reflect this change in terminology but, until these revisions have taken place, there may be some variation to the terminology used.

1. Introduction

1.1 The University awards the degree of Master of Science in Public Health, hereafter called the MSc degree in Public Health. A Postgraduate Diploma in Public Health is also awarded (see also paragraph 2.12). The award of the degree and the diploma to External students is controlled by these Programme Regulations and the General Regulations for Awards at Masters Level.

1.2 The title of the award given to successful students registered for the MSc degree will be one of the following, dependent on the stream taken:

- MSc Public Health
- MSc Public Health (Environment and Health)
- MSc Public Health (Health Promotion)
- MSc Public Health (Health Services Management).

1.3 The MSc degree and the Postgraduate Diploma in Public Health are awarded without classification. At the discretion of the Board of Examiners a mark of distinction will be awarded to those students who have completed the examination and who have shown exceptional merit.

1.4 A student registered for the MSc degree in Public Health may also receive the award of the Postgraduate Diploma in Public Health provided they satisfy the requirements for that award.

1.5 The date of the award of the MSc degree and Postgraduate Diploma to successful students will be **1 November**.

2. Programmes of study

2.1 The Postgraduate Diploma consists of

- **four** compulsory core modules
- **two** additional core modules.

2.2 The MSc degree consists of the following:

- **five** compulsory core modules *and*
- **one** additional core module

plus either

- **nine** advanced modules (which, dependent on the subject stream, might include one compulsory module).

or

- **seven** advanced modules (which, dependent on the subject stream, might include one compulsory module) *and one* Project report.

Full details of the structures are given in Schedule A.

2.3 There are four streams to the MSc degree. These include a general stream and three subject streams as follows: Environment and Health, Health Promotion, and Health Services Management. Students who successfully complete the general stream will be awarded the MSc Public Health. Students who successfully complete a subject stream will have the name of the stream reflected in the title of the award (see paragraph 1.2).

2.4 Not all advanced modules will necessarily be available every year.

2.5 The Course Director retains the right to consider the appropriateness of a student's selection of the advanced modules for the MSc degree and, with good reason, may restrict the options chosen by any student.

2.6 Students registered for an advanced module who have either not attempted the examination for that module or have failed the examination at the first attempt, may change to another option. Up to **two** advanced modules only may be changed in this way. Students who change their choice of advanced module(s) will be required to pay the full advanced module fee for each new module.

Blended Learning study

2.7 Students registered for the MSc in Public Health may be permitted to study by Blended Learning. Blended Learning study enables students to combine study by distance learning with a period of full-time study at the London School of Hygiene and Tropical Medicine.

2.8 Students registered for the MSc degree who have been allowed to proceed to the advanced modules may study up to two advanced modules at the London School of Hygiene and Tropical Medicine. There may be certain restrictions to the choice of advanced modules available for Blended Learning study, the period of time in which the study of these modules must be completed and the number of students who can be registered for Blended Learning study each year.

2.9 Full details relating to Blended Learning study are set out in the **Guidelines for Blended Learning**.

Transfer from the MSc and Postgraduate Diploma in Health Systems Management

2.10 Up until 31 August 2007, students who had not satisfied the requirements for the award of the MSc degree or Postgraduate Diploma in Health Systems Management had the option to apply to transfer to the MSc degree or Postgraduate Diploma in Public Health. Applications to transfer are no longer permitted.

2.11 Units completed successfully by students whilst registered for either the MSc degree or the Postgraduate Diploma in Health Systems Management were usually carried forward on transfer. In certain circumstances, however, students might have been required or permitted to discard one or more units (see Schedule B).

2.12 Students registered for the Postgraduate Diploma in Health Systems Management who completed the four Health Systems Management core units and transferred to the MSc degree in Public Health would be awarded the Postgraduate Diploma in Health Systems Management.

3. Rules of progression

Students registered for the Postgraduate Diploma

3.1 In any one year, students registered for the Postgraduate Diploma may choose to study and be examined in a minimum of one and a maximum of **six** core modules.

3.2 In order to be able to progress to the MSc degree, students registered for the Postgraduate Diploma must normally have obtained a pass at the required level (See Schedule D) in each of the **six** Postgraduate Diploma modules, and received a recommendation from the Examiners that they may proceed to the advanced modules of the MSc degree.

3.3 At the discretion of the Examiners, students who have been examined in, and have passed, **three** modules may be permitted to progress to the MSc degree and proceed to the advanced modules. Students will be required to take the examination for the remaining three core modules in the following year.

3.4 Students who were registered for the Postgraduate Diploma in Health Systems Management and who received permission to progress to the MSc degree and proceed to the advanced modules, having completed three core modules, must attempt the fourth Health Systems Management core module in the following year.

Students registered for the MSc degree

3.5 In any one year, students registered for the MSc degree may choose to study and be examined in a maximum of *either* **six** core modules *or* **nine** advanced modules. Students who registered for the Project report may choose to study and be examined in a maximum of **seven** advanced modules plus the Project report in any one year.

3.6 A student who has been given permission to carry up to three core modules (see paragraph 3.4) may, with the agreement of the Course Director, be examined in the core module(s) in the same year as up to **nine** advanced modules *or*, for students who registered for the Project report, **seven** advanced modules and the Project report.

3.7 In order to proceed to the advanced modules of the MSc degree, students registered for the degree must normally have passed **six** core modules, and received a recommendation from the Examiners that they may proceed to the remaining modules for the Masters degree. At the discretion of the Examiners, students who have been examined in, and have passed, **three** core modules only may be permitted to proceed to the advanced modules. Students will be required to take the examination for the remaining three core modules in the following year.

3.8 Students who were registered for the MSc degree in Health Systems Management and who received permission to progress to the advanced modules, having completed three core modules, must attempt the fourth Health Systems Management core module in the following year.

Progression from a short course

3.9 Successful completion by formal assessment of a short course may be taken into account for credit towards the MSc degree or Postgraduate Diploma. Students progressing from a short course will be required to satisfy the rules of progression for the MSc degree and/or Postgraduate Diploma.

4. Entrance requirements

4.1 In order to be eligible to register for the MSc degree or Postgraduate Diploma in Public Health, an applicant must satisfy the entrance requirements given in paragraphs 4.2 and 4.3.

4.2 An applicant must have:

MSc degree

A second class honours first degree or the equivalent in a subject appropriate to the degree, from a university or other institution acceptable to the University of London, and a minimum of one year's relevant work experience.

Postgraduate Diploma

Either

(a) a first degree, from a university or other institution acceptable to the University of London, in a subject appropriate to the diploma or in another discipline which has, in the opinion of the University, included a suitable preliminary training

or

(b) previous education and experience without a first degree, which satisfies the University that the applicant has obtained a level of academic proficiency equivalent to a first degree.

4.3 For all applicants an advanced level of ability to work in English is required. Applicants may be required to pass or to have passed within the last five years, at the appropriate level, a test of proficiency in English acceptable to the University – for example a TOEFL score of 600 (or 250 in the computerised test) and a minimum of 5 in the TWE or a British Council (IELTS) overall score of 7 or over with a minimum of 7 in the written sub-test.

4.4 All students will be required to have access to a computer with minimum hardware requirements and to e-mail (see the prospectus and Student handbook). Students are responsible for ensuring adequate system maintenance. Students will also require a calculator (see paragraphs 6.12 and 10.4 to 10.7 of the General Regulations).

5. Period of registration

5.1 The minimum period of registration for the MSc degree is **two** academic years from the effective date of registration for the degree. The maximum period of registration is **five** academic years from the effective date of registration for the degree.

5.2 The minimum period of registration for the Postgraduate Diploma is **one** academic year from the effective date of registration for the Postgraduate Diploma. The maximum period of registration is **five** academic years from the effective date of registration for the Postgraduate Diploma.

5.3 An application for an extension of registration may be considered under paragraph 5 of the General Regulations. A fee will be payable.

5.4 Students who have not completed all the requirements of the programme for which they are registered within the maximum period of registration may apply for a renewal of registration for a further full period, in accordance with paragraph 5.3 of the General Regulations.

5.5 The effective date of a student's registration shall be **1 September** in the year in which he or she is initially registered.

6. Assessment

6.1 Each **core** module will be assessed by one two-hour unseen written paper, plus an additional 15 minutes reading time at the beginning of the examination.

6.2 Each **advanced** module will be assessed by one two-hour (plus an additional 15 minutes reading time at the beginning of the examination) unseen written paper and written assignment(s). The mark awarded on each advanced module will be based on the mark obtained in the written paper and on the mark for the assignment(s), and will be weighted on the scale **70:30**.

6.3 The **Project report** will be on a specified topic. It will be assessed by the submission of a written report, in accordance with the guidelines and deadlines provided in Schedule B.

6.4 Students who attempt only one element of the assessment for a module in a given academic year may be permitted to carry forward the grade awarded for the element attempted for one year only. The carrying over of grades for individual elements of longer than one year will be allowed only at the discretion of the Board of Examiners.

6.5 In all examinations (by both written paper and written assignments) students will be examined both on the module outlines and on the study materials that are current for the year of the examination concerned. As module outlines and study materials are subject to change in advance of each academic year, students must ensure that they have the correct outlines and materials by returning their completed Continuing Registration form annually. Further information is given in the Student handbook.

6.6 Examinations by written paper, wherever held, will take place on one occasion each year, normally in **June**.

Assignments

6.7 For each advanced module students will be required to submit one or more assignment(s) which will count as part of the formal assessment.

6.8 Students are expected to submit the assignment(s) for a module in the same academic year as they attempt the written paper for that module.

6.9 Assignments must be submitted to be received by the deadlines given in the guidelines for the assignments and the Student handbook.

6.10 Extensions to the deadlines for the receipt of assignments will only be granted in extenuating circumstances, and will only be considered if the student has made a written application, to the Course Director, before the deadline. An assignment received after the deadline, without an agreed extension, will **not** be considered.

6.11 Assignments may be submitted electronically (unless otherwise specified in the assignment guidelines). For information on submitting assignments electronically, students should consult the guidelines for the assignments and the Student handbook.

Calculators

6.12 Students may use their own electronic calculators in the examination where specified in the admission notice. Any calculator must be of the hand-held type, quiet in operation and compact, and must have its own power supply. Programmable calculators may be used. Personal digital assistants (PDAs), mobile phones or other devices which may have a wireless or internet connection are strictly forbidden. Students are entirely responsible for ensuring that their calculators are in working order for the examination and for providing in advance for alternative means of calculation in the event of the calculator failing during the examination.

7. Number of attempts permitted

7.1 Details of the number of attempts permitted are given in paragraph 8 of the General Regulations.

7.2 Students who fail an advanced module, having failed both the assignment and the unseen written paper, will be required to re-sit both elements of the examination.

7.3 Students who fail an advanced module, having passed one element but not the other, will be required to re-sit the failed element.

7.4 A student who re-sits the assignment element of an examination (see paragraphs 7.2 and 7.3) will be required to submit a fresh assignment in answer to a new question or assignment topic.

Project report

7.5 A student who makes an examination entry for the project report must submit the final report before the annual stated submission deadline in the same academic year in which they entered to be examined in the project. However, if the student does not submit the report before the annual deadline (or within an agreed extension deadline) the report will not be accepted. The student must submit their report the following year, again before the annual stated submission deadline of the new academic year. Students who submit project reports in the year following the year of initial registration must ensure that their project is updated in the light of any changes in guidelines that apply for the year submitted. Extensions to the project submission deadline will only be granted in extenuating circumstances and if requested prior to the submission deadline.

7.6 If the **Project report** is failed completely, the student will be required to make a fresh application for approval of a topic and offer a new or re-written report, as specified by the Board of Examiners, at a subsequent examination.

8. Fees

8.1 The fees for the MSc degree and Postgraduate Diploma in Public Health are of two kinds:

- (a) in order to register, students are required to pay a registration fee which is valid for a period of five years
- (b) students are also required to pay a module fee for each module they study. This fee includes the entry to the first examination for that module. An additional fee is payable in the event of re-entry (see paragraph 8.7)

8.2 Fees may be paid in one of two ways:

either

- (a) on registration, a single payment covering the registration fee and all module fees, that is,
- | | |
|----------------------|--------|
| MSc | £9,732 |
| Postgraduate Diploma | £5,735 |

or

- (b) in the first year, the registration fee plus the fees for the modules to be studied that year. In subsequent years, only the fees for any **new** modules studied are payable.

MSc and Postgraduate Diploma

(i) registration	£835
(ii) fee per core module	£819
(ii) fee per advanced module	£444
(iv) Project report	£893

In order to register a student must pay at the same time both the registration fee and the fee for at least **one** module.

8.3 With either method of payment the relevant fees must be paid not later than **31 August** (or as soon as the results of any examinations taken in that year have been published). No study materials will be despatched until the relevant fees have been received.

8.4 The fees above and in paragraph 8.7 refer to the 2009-10 academic year only.

8.5 Students who are permitted to renew or extend their registration may be required to pay an additional fee for statistical software updates.

8.6 A fee is normally levied by all examination centres (other than London) and Overseas Examination Centres. This fee is payable by students each time they make an examination entry. The University cannot be responsible for this fee nor can it influence the level of fee charged.

Examination re-entry

8.7 Students who enter an examination on a second occasion, having failed on the first occasion, are liable to pay an examination re-entry fee of £150 for a core module or £71 for an advanced module. The deadline for payment of an examination re-entry fee is **1 February** in the year of the examination.

Transfer of registration

8.8 Students who transfer from the Postgraduate Diploma to the MSc degree will be required to pay the relevant module fees for completion of the MSc.

8.9 Students who transferred from the MSc degree or Postgraduate Diploma in Health Systems Management to the MSc degree or Postgraduate Diploma in Public Health and who did not make a single payment on registration, to cover the registration fee and all module fees will be required to pay the relevant module fees for completion of the MSc degree or Postgraduate Diploma in Public Health.

Refunds

8.10 Registration fees will not be refunded except as provided below:

If a student dies or is prevented from pursuing his or her studies through a disabling illness or that of a near relative for whose care he or she is responsible, a proportion of the registration fee which has been paid may be refunded at the discretion of the University provided that:

- the application is made within two years of the effective date of the student's registration
- no entry has been made to an examination for the MSc degree or the Postgraduate Diploma
- such medical or other evidence as may be required is submitted.

8.11 A refund of module fees will be given where the fee has been paid but no study materials have been despatched. Such refund will be subject to a charge determined by the University (currently £50).

Schedule A / Structures

Postgraduate Diploma in Public Health

Four compulsory core modules
<i>PH101 Basic epidemiology [953P101]</i> <i>PH102 Basic statistics for public health and policy[953P102]</i> <i>PH103 Introduction to health economics [953P103]</i> <i>PH104 Principles of social research [953P104]</i>



Two additional core modules
Two core modules selected from the following: <i>PH105 Issues in public health [953P105]</i> <i>PH106 Environment, health and sustainable development [953P106]</i> <i>PH107 Health promotion theory [953P107]</i> <i>PH108 Health services [953P108]</i> <i>PH109 Health policy, process and power [953P109]</i>

Notes:

- The examination numbers are appended to the module titles and these numbers should be used when completing examination entry forms.
- Students who intend to register for the MSc should be aware that one of the additional core modules may be compulsory for a specialist MSc stream (see structure of MSc which follows). Students who have not completed a particular stream-specific module will not be able to register for that stream.

MSc Public Health

General stream

Five compulsory core modules

PH101 Basic epidemiology [953P101]
 PH102 Basic statistics for public health and policy [953P102]
 PH103 Introduction to health economics [953P103]
 PH104 Principles of social research [953P104]
 PH105 Issues in public health [953P105]

+

One additional core module

PH106 Environment, health and sustainable development [953P106]
 PH107 Health promotion theory [953P107]
 PH108 Health services [953P108]
 PH109 Health policy, process and power [953P109]

+

Nine advanced modules

PH201 Analytical models for decision making [953P201]
 PH202 Communicable disease control [953P202]
 PH203 Economic analysis for management and policy [953P203]
 PH204 Economic evaluation [953P204]
 PH205 Environmental epidemiology [953P205]
 PH206 Environmental health policy [953P206]
 PH207 Health care evaluation [953P207]
 PH208 Financial management [953P208]
 PH209 Globalisation and health [953P209]
 PH210 Managing health services [953P210]
 PH211 Medical anthropology in public health [953P211]
 PH212 Organisational management [953P212]
 PH213 Principles and practice of health promotion [953P213]

ID201 Bacterial infections [952I201]
 ID202 Nutrition and infection [952I202]
 ID203 Parasitology [952I203]
 ID205 Hospital infection [952I205]
 ID209 Food microbiology [952I209] †
 ID210 Water and sanitation [952I210]
 ID301 Epidemiology and control of infectious diseases in developing countries [952I301]
 ID501 AIDS [952I501]
 ID502 Tuberculosis [952I502]
 ID503 Malaria [952I503]
 ID701 Introduction to public health and control of infectious diseases [952I701]
 EP202 Statistical methods in epidemiology [670E202]

Environment and Health stream

Five compulsory core modules

PH101 Basic epidemiology [953P101]
 PH102 Basic statistics for public health and policy [953P102]
 PH103 Introduction to health economics [953P103]
 PH104 Principles of social research [953P104]
 PH106 Environment, health and sustainable development [953P106]

+

One additional core module

PH105 Issues in public health [953P105]
 PH107 Health promotion theory [953P107]
 PH108 Health services [953P108]
 PH109 Health policy, process and power [953P109]

+

One compulsory advanced module

PH206 Environmental health policy [953P206]

+

Eight advanced modules

PH201 Analytical models for decision making [953P201]
 PH202 Communicable disease control [953P202]
 PH203 Economic analysis for management and policy [953P203]
 PH204 Economic evaluation [953P204]
 PH205 Environmental epidemiology [953P205]
 PH207 Health care evaluation [953P207]
 PH208 Financial management [953P208]
 PH209 Globalisation and health [953P209]
 PH210 Managing health services [953P210]
 PH211 Medical anthropology in public health [953P211]
 PH212 Organisational management [953P212]
 PH213 Principles and practice of health promotion [953P213]

ID201 Bacterial infections [952I201]
 ID202 Nutrition and infection [952I202]
 ID203 Parasitology [952I203]
 ID205 Hospital infection [952I205]
 ID209 Food microbiology [952I209] †
 ID210 Water and sanitation [952I210]
 ID301 Epidemiology and control of infectious diseases in developing countries [952I301]
 ID501 AIDS [952I501]
 ID502 Tuberculosis [952I502]
 ID503 Malaria [952I503]
 ID701 introduction to public health and control of infectious diseases [952I701]
 EP202 Statistical methods in epidemiology [670E202]

Note:

Important notes on this structure and information relating to symbols used are given on page 11.

† Last examination including resits in 2012. Module only available to students with an effective date of registration prior to 1 September 2009.

Health Promotion stream

Five compulsory core modules

PH101 Basic epidemiology [953P101]
PH102 Basic statistics for public health and policy [953P102]
PH103 Introduction to health economics [953P103]
PH104 Principles of social research [953P104]
PH107 Health promotion theory [953P107]

+

One additional core module

PH105 Issues in public health [953P105]
PH106 Environment, health and sustainable development [953P106]
PH108 Health services [953P108]
PH109 Health policy, process and power [953P109]

+

One compulsory advanced module

PH213 Principles and practice of health promotion [953P213]

+

Eight advanced modules

PH201 Analytical models for decision making [953P201]
PH202 Communicable disease control [953P202]
PH203 Economic analysis for management and policy [953P203]
PH204 Economic evaluation [953P204]
PH205 Environmental epidemiology [953P205]
PH206 Environmental health policy [953P206]
PH207 Health care evaluation [953P207]
PH208 Financial management [953P208]
PH209 Globalisation and health [953P209]
PH210 Managing health services [953P210]
PH211 Medical anthropology in public health [953P211]
PH212 Organisational management [953P212]

ID201 Bacterial infections [952I201]
ID202 Nutrition and infection [952I202]
ID203 Parasitology [952I203]
ID205 Hospital infection [952I205]
ID209 Food microbiology [952I209] †
ID210 Water and sanitation [952I210]
ID301 Epidemiology and control of infectious diseases in developing countries [952I301]
ID501 AIDS [952I501]
ID502 Tuberculosis [952I502]
ID503 Malaria [952I503]
ID701 Introduction to public health and control of infectious diseases [952I701]
EP202 Statistical methods in epidemiology [670E202]

Health Services Management stream

Five compulsory core modules

PH101 Basic epidemiology [953P101]
PH102 Basic statistics for public health and policy [953P102]
PH103 Introduction to health economics [953P103]
PH104 Principles of social research [953P104]
PH108 Health services [953P108]

+

One additional core module

PH105 Issues in public health [953P105]
PH106 Environment, health and sustainable development [953P106]
PH107 Health promotion theory [953P107]
PH109 Health policy, process and power [953P109]

+

One compulsory advanced module

PH212 Organisational management [953P212]

+

Eight advanced modules

PH201 Analytical models for decision making [953P201]
PH202 Communicable disease control [953P202]
PH203 Economic analysis for management and policy [953P203]
PH204 Economic evaluation [953P204]
PH205 Environmental epidemiology [953P205]
PH206 Environmental health policy [953P206]
PH207 Health care evaluation [953P207]
PH208 Financial management [953P208]
PH209 Globalisation and health [953P209]
PH210 Managing health services [953P210]
PH211 Medical anthropology in public health [953P211]
PH213 Principles and practice of health promotion [953P213]

ID201 Bacterial infections [952I201]
ID202 Nutrition and infection [952I202]
ID203 Parasitology [952I203]
ID205 Hospital infection [952I205]
ID209 Food microbiology [952I209] †
ID210 Water and sanitation [952I210]
ID301 Epidemiology and control of infectious diseases in developing countries [952I301]
ID501 AIDS [952I501]
ID502 Tuberculosis [952I502]
ID503 Malaria [952I503]
ID701 Introduction to public health and control of infectious diseases [952I701]
EP202 Statistical methods in epidemiology [670E202]

Note:

- † Last examination including resits in 2012. Module only available to students with an effective date of registration prior to 1 September 2009.
- Important notes on this structure and information relating to symbols used are given on page 11.

The following structures are for students who wish to study and be examined in the Project report:

General stream

Five compulsory core modules

PH101 Basic epidemiology [953P101]
 PH102 Basic statistics for public health and policy [953P102]
 PH103 Introduction to health economics [953P103]
 PH104 Principles of social research [953P104]
 PH105 Issues in public health [953P105]

+

One additional core module

PH106 Environment, health and sustainable development [953P106]
 PH107 Health promotion theory [953P107]
 PH108 Health services [953P108]
 PH109 Health policy, process and power [953P109]

+

Seven advanced modules

PH201 Analytical models for decision making [953P201]
 PH202 Communicable disease control [953P202]
 PH203 Economic analysis for management and policy [953P203]
 PH204 Economic evaluation [953P204]
 PH205 Environmental epidemiology [953P205]
 PH206 Environmental health policy [953P206]
 PH207 Health care evaluation [953P207]
 PH208 Financial management [953P208]
 PH209 Globalisation and health [953P209]
 PH210 Managing health services [953P210]
 PH211 Medical anthropology in public health [953P211]
 PH212 Organisational management [953P212]
 PH213 Principles and practice of health promotion [953P213]

ID201 Bacterial infections [952I201]
 ID202 Nutrition and infection [952I202]
 ID203 Parasitology [952I203]
 ID205 Hospital infection [952I205]
 ID209 Food microbiology [952I209]†† (see page 11)
 ID210 Water and sanitation [952I210]
 ID301 Epidemiology and control of infectious diseases in developing countries [952I301]
 ID501 AIDS [952I501]
 ID502 Tuberculosis [952I502]
 ID503 Malaria [952I503]
 ID701 Introduction to public health and control of infectious diseases [952I701]
 EP202 Statistical methods in epidemiology [670E202]

+

Project report [91953P305]

Environment and Health stream

Five compulsory core modules

PH101 Basic epidemiology [953P101]
 PH102 Basic statistics for public health and policy [953P102]
 PH103 Introduction to health economics [953P103]
 PH104 Principles of social research [953P104]
 PH106 Environment, health and sustainable development [953P106]

+

One additional core module

PH105 Issues in public health [953P105]
 PH107 Health promotion theory [953P107]
 PH108 Health services [953P108]
 PH109 Health policy, process and power [953P109]

+

One compulsory advanced module

PH206 Environmental health policy [953P206]

+

Six advanced modules

PH201 Analytical models for decision making [953P201]
 PH202 Communicable disease control [953P202]
 PH203 Economic analysis for management and policy [953P203]
 PH204 Economic evaluation [953P204]
 PH205 Environmental epidemiology [953P205]
 PH207 Health care evaluation [953P207]
 PH208 Financial management [953P208]
 PH209 Globalisation and health [953P209]
 PH210 Managing health services [953P210]
 PH211 Medical anthropology in public health [953P211]
 PH212 Organisational management [953P212]
 PH213 Principles and practice of health promotion [953P213]

ID201 Bacterial infections [952I201]
 ID202 Nutrition and infection [952I202]
 ID203 Parasitology [952I203]
 ID205 Hospital infection [952I205]
 ID209 Food microbiology [952I209]†† (see page 11)
 ID210 Water and sanitation [952I210]
 ID301 Epidemiology and control of infectious diseases in developing countries [952I301]
 ID501 AIDS [952I501]
 ID502 Tuberculosis [952I502]
 ID503 Malaria [952I503]
 ID701 Introduction to public health and control of infectious diseases [952I701]
 EP202 Statistical methods in epidemiology [670E202]

+

Project report [91953P305]

The following structures are for students who wish to study and be examined in the Project report:

Health Promotion stream

Five compulsory core modules
 PH101 Basic epidemiology [953P101]
 PH102 Basic statistics for public health and policy [953P102]
 PH103 Introduction to health economics [953P103]
 PH104 Principles of social research [953P104]
 PH107 Health promotion theory [953P107]

+

One additional core module
 PH105 Issues in public health [953P105]
 PH106 Environment, health and sustainable development [953P106]
 PH108 Health services [953P108]
 PH109 Health policy, process and power [953P109]

+

One compulsory advanced module
 PH213 Principles and practice of health promotion [953P213]

+

Six advanced modules
 PH201 Analytical models for decision making [953P201]
 PH202 Communicable disease control [953P202]
 PH203 Economic analysis for management and policy [953P203]
 PH204 Economic evaluation [953P204]
 PH205 Environmental epidemiology [953P205]
 PH206 Environmental health policy [953P206]
 PH207 Health care evaluation [953P207]
 PH208 Financial management [953P208]
 PH209 Globalisation and health [953P209]
 PH210 Managing health services [953P210]
 PH211 Medical anthropology in public health [953P211]
 PH212 Organisational management [953P212]

ID201 Bacterial infections [952I201]
 ID202 Nutrition and infection [952I202]
 ID203 Parasitology [952I203]
 ID205 Hospital infection [952I205]
 ID209 Food microbiology [952I209] ††
 ID210 Water and sanitation [952I210]
 ID301 Epidemiology and control of infectious diseases in developing countries [952I301]
 ID501 AIDS [952I501]
 ID502 Tuberculosis [952I502]
 ID503 Malaria [952I503]
 ID701 Introduction to public health and control of infectious diseases [952I701]
 EP202 Statistical methods in epidemiology [670E202]

+

Project report [91953P305]

Health Services Management stream

Five compulsory core modules
 PH101 Basic epidemiology [953P101]
 PH102 Basic statistics for public health and policy [953P102]
 PH103 Introduction to health economics [953P103]
 PH104 Principles of social research [953P104]
 PH108 Health services [953P108]

+

One additional core module
 PH105 Issues in public health [953P105]
 PH106 Environment, health and sustainable development [953P106]
 PH107 Health promotion theory [953P107]
 PH109 Health policy, process and power [953P109]

+

One compulsory advanced module
 PH212 Organisational management [953P212]

+

Six advanced modules
 PH201 Analytical models for decision making [953P201]
 PH202 Communicable disease control [953P202]
 PH203 Economic analysis for management and policy [953P203]
 PH204 Economic evaluation [953P204]
 PH205 Environmental epidemiology [953P205]
 PH206 Environmental health policy [953P206]
 PH207 Health care evaluation [953P207]
 PH208 Financial management [953P208]
 PH209 Globalisation and health [953P209]
 PH210 Managing health services [953P210]
 PH211 Medical anthropology in public health [953P211]
 PH213 Principles and practice of health promotion [953P213]

ID201 Bacterial infections [952I201]
 ID202 Nutrition and infection [952I202]
 ID203 Parasitology [952I203]
 ID205 Hospital infection [952I205]
 ID209 Food microbiology [952I209] ††
 ID210 Water and sanitation [952I210]
 ID301 Epidemiology and control of infectious diseases in developing countries [952I301]
 ID501 AIDS [952I501]
 ID502 Tuberculosis [952I502]
 ID503 Malaria [952I503]
 ID701 Introduction to public health and control of infectious diseases [952I701]
 EP202 Statistical methods in epidemiology [670E202]

+

Project report [91953P305]

Note:

- Important notes on this structure and information relating to symbols used are given on page 11.
- †† Last examination including resits in 2012. Module only available to students with an effective date of registration prior to 1 September 2009.

Schedule A / Structures

Notes

Students should take careful note of the following advice and recommendations on order of study:

- Students wishing to obtain a subject stream-specific MSc award must ensure they have chosen to study the required compulsory modules for that stream as outlined in Schedule A.
 - A maximum of four advanced modules only may be chosen from ID2, ID3, ID5 or EP202 (see Schedule B regarding those transferring from MSc HSM to MSc PH course).
 - In considering whether to take modules from the ID2 group, MSc students are advised that they have been designed for people who have already successfully completed the four Infectious Diseases MSc core modules (brief summaries of which can be found on the University of London's External System website). Specifically, a reasonable understanding of bacteria and their biology is assumed for students taking ID201 and 205; in addition a basic understanding of nutrition, immunity and infection is expected for ID202. For ID203 you should have some knowledge of basic eukaryotic cell biology; however although some understanding of infectious diseases would be beneficial, no prior knowledge is required to benefit from taking ID210.
 - Students planning to take ID301 should have a basic understanding of statistical methods and epidemiological principles as applied to public health, prior to taking this module.
 - Students who wish to study and be examined in EP202 Statistical methods in epidemiology must have passed PH102 Basic statistics for public health and policy. It is recommended that students who select this module have obtained a grade point of 4 (B+) or higher for PH102.
 - The examination numbers are appended to the module titles and these numbers should be used when completing examination entry forms.
 - Not all advanced modules will necessarily be available every year.
 - The Course Director retains the right to consider the appropriateness of a student's selection of the advanced modules for the MSc degree and, with good reason, may restrict the options chosen by any student.
- ‡ Last examination including resits, in 2012 Module only available to students with an effective date of registration prior to 1 September 2009.

Schedule B / Transfer from Health Systems Management to Public Health

Key: HSM = Health Systems Management
PH = Public Health

TABLE 1 - requirements for students who have proceeded to the HSM advanced units and/or the Project report, and have not satisfied the requirements for the award, to complete the MSc degree in PH following transfer

Number of advanced units passed on MSc in HSM:	Requirement to complete the MSc in PH:
None	9 Advanced units or 7 Advanced units + Project report
One	8 Advanced units or 6 Advanced units + Project report
Two	7 Advanced units or 5 Advanced units + Project report
Three	6 Advanced units or 4 Advanced units + Project report
Four	5 Advanced units or 3 Advanced units + Project report
Five	4 Advanced units or 3 Advanced units + Project report
Six	3 Advanced units or 1 Advanced units + Project report
Seven	2 Advanced units or the Project report
Eight	Discard one specified HSM unit and register to complete 2 Advanced units or the Project report. The fee for the Project report is payable in full.

TABLE 2 - Advanced unit restrictions for those who transferred from MSc degree in HSM to MSc degree in PH

Students who have completed advanced unit(s) from column 1 may not register for the corresponding unit(s) detailed in column 2:

MSc HSM study unit	MSc PH study unit
HS201 Financial management	PH208 Financial management
HS202 Organisational management	PH212 Organisational management
HS204 Health care evaluation	PH207 Health care evaluation
HS301 Advanced health economics	PH203 Economic analysis for management and policy PH204 Economic evaluation
HS302 Health promotion strategies and interventions	PH213 Principles and practice of health promotion
HS303 Medical anthropology	PH211 Medical anthropology in public health
HS304 Model building for health care decisions	PH201 Analytical models for decision-making
HS307 Introduction to public health and control of infectious diseases	PH202 Communicable disease control ID701 Introduction to public health and control of infectious diseases
HS306 Environmental health	PH206 Environmental health policy

Schedule C / Module outlines

The examination numbers are appended to the module titles and these numbers should be used when completing examination entry forms.

PH 1 - Public Health core modules

PH101 - Basic epidemiology [953P101]

This module will provide an introduction to the basic concepts and methods of epidemiology to enable students to understand, interpret and apply the basic methods of epidemiology and introduce more advanced epidemiological and statistical concepts. The module will include the basic principles underlying different study designs; interpretation of epidemiological data; and public health preventive strategies. The emphasis will be on improving understanding of epidemiological methods and its use in public health.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH102 - Basic statistics for public health and policy [953P102]

This module will introduce the basic statistical methods used in public health research. In particular, students will learn methods of describing data, and how to interpret and use confidence intervals and significance tests, the most common methods of allowing for random variation in research results. The presentation and comparison of proportions and of means, and the technique of linear regression will be covered. As part of this introduction, students will learn to make practical use of a statistical computer package.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH103 - Introduction to health economics [953P103]

This introduces the approach taken by economics and the scope and contribution of health economics. The concepts of supply and demand and their interaction in markets is discussed before exploring the relevance of markets to the provision of health care and the promotion of good health. Next the advantages and disadvantages of different ways of financing health services and paying providers are described. Finally the main methods of economic evaluation (cost-effectiveness and cost-benefit analysis) are explained and their potential application in health care decision making is explored. It provides students with sufficient basic knowledge to understand the main contribution of health economics. For those interested in more in-depth knowledge, it provides the basis for taking the advanced health economic study modules.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH104 - Principles of social research [953P104]

This module aims to introduce the basic principles of practice and theory in social research as applied to health. Students are introduced to key concepts in qualitative and quantitative methodology; the main data collection methods used in social research for health, and perspectives from some of the social science disciplines that have contributed to public health, including psychology, sociology, medical anthropology and

history of medicine. The focus is on providing a broad introduction for those who will need to read, appraise or commission social research for public health.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH105 - Issues in public health [953P105]

This module is designed to answer the question what is public health? and to introduce the main concepts, principles, and practices of public health. The module discusses modern public health, its underlying themes, use of basic data on populations and mortality, methods used to estimate the burden of disease and assessing factors that contribute to its determinants, health inequalities, the extent to which health care contributes, or fails to contribute to, population health, and how to determine the effects on health of policies in other sectors such as the environment. The module also looks at the health impact of some of the most important causes of avoidable disease globally.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH106 - Environment, health and sustainable development [953P106]

This module introduces students to basic principles in environment, health and sustainable development and the importance of the interaction between them. The module also covers issues of environmental quality and how these are affected by human action – including air, water, waste, energy urbanisation and global issues including climate change. The module uses developing and developed country examples and students will through a variety of exercises gain skills in identifying key issues and critically evaluating the relationships between health, environment and sustainable development.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH107 - Health promotion theory [953P107]

This module focuses on the ideologies and theories which underlie health promotion. Topics will include the history, politics and ethics of health promotion, community development, healthy public policy, models of behaviour change and communicating risk. The module also covers planning health promotion interventions. The importance of evaluation and research in all aspects of health promotion will be emphasised throughout the module.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH108 - Health services [953P108]

This module provides students with a range of ways of thinking about health services and health systems. Drawing on epidemiology, economics, history and sociology, it demonstrates the need for adopting a multi-disciplinary approach to understanding how health services function and why they have developed in the way they have. It starts by describing the inputs to health care including notions of diseases and medical knowledge. It goes on to consider the processes of care and how and why they vary. This leads into a consideration of the way services are organised in low, middle and high income countries. Finally it addresses ways of defining and monitoring and improving the quality of services.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH109 - Health policy, process and power [953P109]

This module introduces students to the main theoretical approaches to understanding the dynamics of health policy processes at both national and international levels, drawing principally on political science and policy analysis. It covers examples from high, low and middle income countries. The module covers the political system within which policy is made and the role of the state, the process of policy making within government, how issues get onto the policy agenda, the role of interest groups in the policy process, policy implementation, the contribution of research and evaluation and global initiatives in health policy.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH 2 - Public Health advanced modules

PH201 - Analytical models for decision making [953P201]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

This module will develop understanding of the roles, strengths and weaknesses of different types of analytical model in supporting health care management decision making. The issues covered include: types and characteristics of models for management decision making; complex decisions involving many criteria, uncertainty and risk; planning and budgeting for services to meet health care needs; hospital planning and costing models; and simulating flows through systems using deterministic, dynamic and stochastic models. It will require access to a computer and Excel spreadsheet software. The emphasis will be on practical decision making.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination .and by written assignment(s).

PH202 - Communicable disease control [953P202]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

This module covers the three main themes of communicable disease control: surveillance, outbreak investigation and vaccines. Surveillance covers general principles as applied to infectious disease locally and nationally, as well as international surveillance. Both epidemiological and management aspects of outbreak investigation are explained. Vaccines cover general principles, evaluation and strategy. This module will provide students with sufficient background to set up and run a communicable disease control programme in their country or region.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH203 - Economic analysis for management and policy [953P203]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

This advanced economics module seeks to strengthen students' familiarity with the conceptual bases for health economic analysis and develop their appreciation of how economic concepts and techniques can be applied to policy making and to the planning and management of health systems. Topics include: welfare economics and the foundations of economic evaluation; economic evaluation; demand analysis in health care; production and cost function analyses; market analysis and competition; regulation, contracting and agency; and equity in the health sector.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH204 - Economic Evaluation [953P204]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

This module aims to allow students to understand and apply current methods in the economic evaluation of health interventions. Topics include: measurement, valuation and analysis of costs; techniques for measuring and valuing health outcomes; the presentation of cost and effect data; and critical appraisal of economic evaluation in health care decision making. *Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).*

PH205 - Environmental epidemiology [953P205]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

This module aims to give students an understanding of the main themes in environmental epidemiology, with particular emphasis on methods of investigation, including those of time-series and spatial analysis. It covers pollution of the air, water and land, of ionizing and non-ionizing radiation, and the investigation of disease clusters. Emphasis is given to critical interpretation of scientific evidence relating to potential environmental hazards to health.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH206 - Environmental health policy [953P206]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

The module aims to introduce students to a range of key methodological tools for assessing and controlling environmental risks to health. These include: risk assessment as a structured method to estimate quantitative health impacts, especially for chemicals; health impact assessment, building on risk assessment as a planning and monitoring mechanism; environmental economics as a tool to help assess and compare heterogeneous health impacts and costs; and risk management as a framework for assessing and controlling risks. Consideration will be given to global and local issues and examples will be drawn from developing and developed countries.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH207 - Health care evaluation [953P207]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

This module will consider how the principles of scientific evaluation can be applied to the dimensions of effectiveness, efficiency, humanity and equity. The module will cover the quantitative (including both experimental and observational designs) and qualitative methods used in evaluation of these four dimensions. It will also consider the challenge of measuring key outcomes such as disease, health status and quality of life and address the issues involved in measuring costs.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH208 - Financial management [953P208]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

This module provides an introduction to financial management and aims to give students confidence in their handling of financial information. Topics will include the funding of health care, costing and pricing of health services including market analysis, budgeting and budgetary control, contracting processes, financial accounting, working capital management and financial analysis, financial systems and controls, management information systems, performance management, capital investment appraisal and project management.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH209 - Globalisation and health [953P209]

This module addresses the implications for human health worldwide of global change across economic, social, political and environmental dimensions. It combines an introduction to core concepts and debates, with detailed examination of issues including the globalisation of food, pharmaceutical and tobacco industries, developments in global health governance, and the impact of climate change, population mobility and multilateral trade agreements. The module will enable students to develop a detailed understanding of the complex links between globalisation and health.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH210 - Managing health services [953P210]

This module examines the concepts of management, managerial leadership and governance within health care systems. It provides a theoretical and practical understanding of the management processes and skills required to enable organisations or professionals to achieve their goals. The module develops the conceptual framework for the analysis of health services management following which key managerial tasks are examined including managing income and finances; managing people; managing strategy and change; managing results; and finally, managerial leadership.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH211 - Medical anthropology in public health [953P211]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

This module introduces concepts of social and medical anthropology, drawing attention to its application to public health. It introduces the history, theoretical frames and methods of social and cultural anthropology, and of the sub-discipline of medical anthropology. It then examines social and cultural perceptions of sickness, medical pluralism and health seeking behaviour, the anthropology of infectious diseases, of biomedicine and of medicines, and the relations between cultural constructions of the person, the body and sickness. Finally, it explores the potential of anthropology to study (and improve) public health interventions and medical research itself.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH212 - Organisational management [953P212]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

This module will expand on the core themes of organisational management and organisational behaviour, in particular in the health workplace. The module will use readings and case-studies on motivation, roles, interaction, leadership, power, influence, groups, culture, politics, design and change in organisations and the history of management theory.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH213 - Principles and practice of health promotion [953P213]

(Students who transferred from Health Systems Management see Schedule B, Table 2)

This module builds on Health Promotion Theory core module, and covers many different techniques available to people engaged in health promotion practice. These include individual approaches; group and community approaches and population and structural approaches. The module will consider topics such as motivational interviewing, cognitive behavioral therapy, peer education, public education, health promoting environments, advocacy, partnerships and multi-sectoral working and policy and legislation. It will explore the strengths and weaknesses of these various techniques and the contexts in which they might be used.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

ID 2 - Biology of infection

ID201 - Bacterial infections [952I201]

This module will deal with the biology of bacteria as pathogens. It will focus on the major bacterial diseases and the other important types of bacterial infection such as wound infection, urinary tract infection and perinatal infection. The infections will be considered in groups related to the body systems infected.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

ID202 - Nutrition and infection [952I202]

This module addresses the relationship between nutritional status and susceptibility to infection, together with consideration of the impacts of infection on nutritional status. The student will be helped to critically examine the evidence for the many popular beliefs surrounding these subjects.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

ID203 – Parasitology [952I203]

This module will deal with the biology of parasites and the ways in which they can cause disease. The organisms responsible for the major parasitic diseases will provide the main focus for instruction as they have also been the main focus for research.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

ID205 - Hospital infection [952I205]

By the end of this module students should be able to demonstrate knowledge and understanding of the:

- essential theory and practice of nosocomial infections
- microbiological diagnosis
- and control of these infections
- role of health care professions in the surveillance and management of hospital infections.

The module is intended for students who wish to understand the principles and concepts of clinical and microbiology related to the prevention of these infections. The course covers the microbiological aspects and related management associated issues. This will be set in context of the hospital and considers the roles of medical treatment, nursing care and all other aspects of hospital services in the control of hospital acquired infections.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

ID209 - Food microbiology [952I209]

(last examinations including resits in 2012. Module only available to students with an effective date of registration prior to 1 September 2009)

Food is seldom sterile and may be a source of infection. This module examines the role of standards in the protection of people from food poisoning. A knowledge of microbiology will enable students to deal more easily with this material. A general awareness of public health implications of food borne infections in different contexts both national and international is helpful. By the end of this module students should be able to demonstrate knowledge and understanding of: the aetiology of food borne disease; food production processes and the role of HACCP (Hazard Analysis Critical Control Point system of food safety management); the role of microbiological standards, criteria and guidelines; relevant to EU and UK legislation; the role of various public health organisations in the surveillance and control of food borne disease. This module covers the microbiological aspects of infections transmitted by food. This will be set in the context of food production practices, legislation and the role of public health and related agencies.

Assessment: examined by a 2-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s)

ID210 - Water and sanitation [952I210]

This module is intended for students who wish to understand the principles of the social and public health aspects of sanitation and water supply. By the end of this study module students should be able to:

- demonstrate knowledge of the importance of sanitation and water supply for diseases control
- demonstrate knowledge and understanding of the various factors involved in the provision of sanitation and water
- demonstrate knowledge and understanding of the role of water in the transmission and prevention of infections
- demonstrate knowledge and understanding of the microbiological methods used during routine surveillance and monitoring.

The course covers the microbiological social and public health aspects of sanitation and water supply, the micro-organisms responsible for disease, their origins, mechanisms for elimination, and the epidemiology of waterborne and water washed disease.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

ID 3 - Epidemiology, statistics and disease control

ID301 - Epidemiology and control of infectious diseases in developing countries [9521301]

This module will focus on the practical ways in which the epidemiology of infectious disease can be investigated in a developing country context and the ways in which this knowledge can be applied to control disease.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s)

ID 5 - Major infectious diseases

ID501 - AIDS [9521501]

This module will explore the biology and pathology of HIV infection in order to understand how AIDS develops. AIDS is the most important infectious disease to emerge during an era in which the techniques for the investigation, treatment and control of infection were in place and, therefore, it is important to explore how the epidemic has been handled in the context of both biomedicine and society.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

ID502 - Tuberculosis [9521502]

This module will deal with the biology and pathology of tuberculosis most particularly how modern techniques of molecular biology and immunology have been harnessed to combat an old plague. Tuberculosis remains the most common

infectious cause of death world wide and so interventions suitable for both developed and developing countries will be considered and their limitations discussed.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

ID503 - Malaria [9521503]

This module will enable the student to understand the biology and pathology of malaria. Although the subject of numerous interventions and control programmes malaria remains the major parasitic cause of morbidity and mortality world wide. The reasons for the failure of past attempts at control and the prospects for future success will be examined.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

ID 7 - Health policy, social science and economics

ID701 Introduction to public health and control of infectious diseases [9521701]

The module will provide an introduction to public health including models for understanding public health, the various actors and disciplines involved, and the range of measures available. The module will cover the preventive strategies, public health impact, and screening. Students will be exposed to a range of approaches to disease control from a multidisciplinary perspective. An overall model for understanding infectious disease from prevention through to cure will be presented. The roles and contributions of various disciplines will be discussed, and the economic, social science, and policy aspects of disease control will be explored as well as the epidemiological and statistical aspects. Case studies of infectious disease control, and examples of successes and failures, will be used.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s)

EP202 Statistical methods in epidemiology [670E202]

Students who wish to study and be examined in EP202 Statistical methods in epidemiology must have passed PH102 Basic statistics for public health and policy. It is recommended that students who select this module have obtained a grade point of 4 (B+) or higher for PH102.

By the end of the module, the student should be able to:

- understand the basic statistical measures and concepts underlying the analysis of epidemiological data
- perform analyses of data arising from epidemiological studies using appropriate computer software
- use the computer software to investigate confounding and interaction in epidemiological data
- appreciate issues relevant to case-control and cohort study design.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

Project report [91953P305]

The Project Report option offers students an opportunity to apply methods and theoretical approaches covered in the course to a health problem of interest to them. By carrying out an independent piece of research and analysis, students are challenged to explore a topic in greater depth, sharpen their technical skills and develop scientifically-based findings to inform policy, practice and/or future research.

In their Project Report, students will show a thorough knowledge of the literature on their chosen subject, and may opt to undertake an additional methodological approach relevant to their MSc degree in Public Health, such as social science methods, economic or policy analysis, or statistical analysis (for those with sufficient technical skills). Project reports may vary in the extent to which they use empirical data. For example, students may elect to perform a thorough review and critique of the literature on a selected topic in order to develop recommendations on policy or practice. Some students may choose to make more extensive use of empirical data that they have collected or that have been made available to them. Students will be guided in their work by a Project Supervisor, who will offer advice and feedback on methods and content.

Assessment: The Project report will be assessed by one written report of up to 7000 words (including an executive summary of up to 250 words, excluding references and appendices) and no more than 10 figures/tables.

*The completed Project report (including accompanying figures and tables) must be submitted as one email attachment to PHSupport@lshtm.ac.uk to arrive no later than **30 September**.*

Schedule D / Scheme of award

Note: the term ‘course’ referred to in this Schedule is equivalent to the term ‘programme’ referred to in the General Regulations.

In order to be awarded the MSc degree or Postgraduate Diploma, students are required to satisfy the Examiners in the assessment for the components of the degree/diploma listed in Schedule A.

The Board of Examiners will classify a student accordingly once the criteria for that award have been satisfied. A student who has reached this stage will **not** be permitted to make any further attempts at any failed modules or to substitute any failed modules with alternative modules.

Please note, the following information is taken from a document detailing information for examination boards, regarding setting, marking and grading examinations and scripts.

1. ASSIGNING GRADES TO MODULE ASSIGNMENTS

All module assessed assignments will be graded by two markers, who will assign an agreed grade point (GP) (5, 4, 3, 2, 1 or 0).

2. CALCULATION OF GRADES FOR UNSEEN WRITTEN EXAMINATIONS

Exam Boards must approve specific marking schemes for each exam paper at the point where the exam questions are approved. In most cases, individual exam questions should be marked as a single unit of assessment on the integer grading scale. However, exam questions may be based on numeric marking schemes, producing numeric results which are then converted to an integer grade point using an appropriate specific conversion scheme.

- 2.1 Where a question is being marked with an overall integer grade point, if the two markers have awarded different grades, then the difference must be reconciled by discussion between them, not in some way averaged away. Where a question is marked using a numeric marking scheme (see 2.2 below), the two marks may be averaged and then converted to a GP, provided that the marks do not differ by more than 20% of the available marks – in which case the markers must discuss and reconcile to a final mark.
- 2.2 Where a numeric marking scheme is used, and the exam paper marking scheme requires that an integer GP be awarded for the question, markers should agree a final mark for each question to be converted to a GP using the agreed scheme for that paper. Where the exam paper marking scheme does not require an integer GP to be awarded for individual questions, the procedure outlined in point 2.4 below should be followed.
- 2.3 After 2.1 or 2.2 above have been applied, the final GPs for each question in the paper will be combined and the mean calculated to provide the final grade point average (GPA) for that paper, in line with question weightings in the agreed marking scheme for the paper, as follows:
$$\sum (\text{Question GP} \times \text{Question weighting}) = \text{GPA for whole paper.}$$
- 2.4 As an alternative to 2.2 and 2.3 above, approved marking schemes may specify that individual exam questions be marked numerically, and scores combined into a numeric result for the overall paper which is then converted to a GPA for the paper (this conversion should produce a GPA and should not round to an integer GP). Numeric marks should be reconciled between markers for each individual question (as per 2.1 above), such that a single agreed numeric mark can be calculated for the paper as a whole and then converted to a GPA.

3. ADDITIONAL REQUIREMENTS FOR COMBINING ADVANCED MODULE GRADES (MSc)

3.1 Advanced modules

- Assessed assignments are compulsory elements of examination and students must obtain a minimum GP of 1.00. If the assessed assignment is awarded a GP of less than 1.00, the student will be informed that the module grade is considered a fail and they must resit the assessed assignment.
- The overall GPA for advanced modules is calculated as follows:-
(assignment GP x 0.3) + (examination GPA x 0.7) = advanced module GPA.
- Where an advanced module is assessed solely via an assessed assignment, the assignment will be marked by two markers who will award an agreed GP (5, 4, 3, 2, 1 or 0).

4. PROJECT REPORTS

- 4.1 Project reports are marked by two markers who will award an agreed GP (5, 4, 3, 2, 1 or 0).
- 4.2 Students must obtain a minimum GP of 2.00 in their Project Report. Students awarded a GP of lower than 2.00 on the project report may choose to resit the project or substitute two additional advanced modules in its place.

5. CALCULATION OF THE FINAL COURSE RESULT

Determination of the final course GPA

The final outcome (fail, pass or distinction) is determined by the final course GPA which is calculated as follows:-

5.1 For the PG Diploma award:

(total GPA of 6 core modules) ÷ 6 = final Diploma course GPA.

5.2 For the MSc award:

5.2.1 If a project is submitted:

$[(\text{total GPAs of 6 core modules}) + (\text{total GPAs of 7 advanced modules}) + (\text{project GPA} \times 2)] \div 15 = \text{final course GPA.}$

5.2.2 If a project is not submitted:

$[(\text{total GPAs of 6 core modules}) + (\text{total GPAs of 9 advanced modules})] \div 15 = \text{final course GPA.}$

Students transferring from MSc HSM to MSc PH only:

The final course result for students who have transferred across from the MSc Health Systems Management to the MSc Public Health course will be as follows:

5.2.3 If a project is not submitted:

$[(\text{total GPAs of 4 MSc HSM core modules}) + (\text{total GPAs of 9 advanced modules})] \div 13 = \text{final course GPA.}$

5.2.4 If a project is submitted:

$[(\text{total GPAs of 4 MSc HSM core modules}) + (\text{total GPAs of 7 advanced modules}) + (\text{project GPA} \times 2)] \div 13 = \text{final course GPA.}$

Determination of the final outcome of the award

5.3 The final outcome of the award (fail, pass/permission to proceed to the MSc or distinction) is determined using *first* the below rules 1a and 1b for core modules (i.e. PG Diploma/permission to proceed to MSc) and 2a-2c for advanced modules (i.e. MSc), and *then* Table 1.

5.3.1 Rule 1a

If, on examining all modules that contribute to the award of the PG Diploma or to satisfying the requirements for proceeding to the MSc (i.e. the core modules), any one module GPA is below 1.00 then, regardless of the final course GPA, an uncompensatable fail has occurred.

5.3.2 Rule 1b

If, on examining the GPAs for the modules that contribute to the award of the PG Diploma or to satisfying the requirements for proceeding to the MSc (i.e. the core modules) any two modules' GPAs are below 2.00, then, regardless of the final course GPA, an uncompensatable fail has occurred.

Note that course-specific restrictions may additionally require that a GPA greater than 2.00 must be obtained in one or more modules and that a GPA below 2.00 for such a module(s) may not be compensated for by higher GPAs for other modules (see Appendix 1).

5.3.3 Rule 2a

If, on examining the GPAs for the advanced modules that contribute to the award of the MSc, any one module GPA is below 1.00 then, regardless of the final course GPA, an uncompensatable fail has occurred.

5.3.4 Rule 2b

If, on examining the GPAs for the advanced modules that contribute to the award of the MSc, any two modules' GPAs are below 2.00, then, regardless of the final course GPA, an uncompensatable fail has occurred.

Note that students can at most compensate for one GPA below 2.00 on the core modules plus at most one GPA below 2.00 on advanced modules (i.e. “unused” compensation cannot be carried forward from the PG Diploma to the MSc).

Note also that course-specific restrictions may additionally require that a GPA greater than 2.00 must be obtained in one or more modules and that a GPA below 2.00 for such a module(s) may not be compensated for by higher GPAs for other modules (see Appendix 1).

5.3.5 Rule 2c

For students registered for the MSc, GPAs of 2.00 or better must be obtained for the integrating module (CT), additional final paper (EP), project report (EP, HSM, ID or PH – where taken) for the degree to be awarded. These elements cannot be used for compensation.

Table 1

Final course GPA	Outcome
0-1.99	Fail
2.00-4.29	Pass
4.30-4.49	Consider distinction
4.50-5.00	Distinction

6. REPORTING CANDIDATES' RESULTS

6.1 Results must be agreed by the Board of Examiners and signed off by the Chair and the External Examiner(s).

6.2 The University of London External System will advise candidates of their results.

APPENDIX 1

Course specific restrictions on compensation:

Restriction
MSc Part 2 students must pass the following component with a GP/GPA of 2.00 or higher: <ul style="list-style-type: none">• Project report

** PH students choosing to study the Project report must either pass the Project report or substitute two further advanced modules in place of the report.

Schedule E / Assessment criteria

Grade point	Descriptor	General guidance
5	Excellent	<p>Excellent engagement with the topic, excellent depth of understanding and insight, excellent argument and analysis. Generally, this work will be ‘distinction standard’.</p> <ul style="list-style-type: none"> ➤ NB that excellent work does not have to be ‘outstanding’ or exceptional by comparison with other students; these grades should not be capped to a limited number of students per class. Nor should such work be expected to be 100% perfect – some minor inaccuracies or omissions may be permissible.
4	Very good	<p>Very good engagement with the topic, very good depth of understanding and insight, very good argument and analysis. This work may be ‘borderline distinction standard’.</p> <ul style="list-style-type: none"> ➤ Note that very good work may have some inaccuracies or omissions but not enough to question the understanding of the subject matter.
3	Good	<p>Good (but not necessarily comprehensive) engagement with the topic, clear understanding & insight, reasonable argument and analysis, but may have inaccuracies or omissions.</p>
2	Satisfactory	<p>Adequate evidence of engagement with the topic but some gaps in understanding or insight, routine argument and analysis, and may have inaccuracies or omissions.</p>
1	Unsatisfactory / poor (fail)	<p>Inadequate engagement with the topic, gaps in understanding, poor argument and analysis.</p>
0	Very poor (fail)	<p>Poor engagement with the topic, limited understanding, very poor argument and analysis.</p>
0	Not submitted (null)	<p>Null mark may be given where work has not been submitted, or is in serious breach of assessment criteria/regulations.</p>

Notice to students:

Students may note that the wording above has changed – this is a re-articulation and clarification of what was previously indicated, and therefore students will be in no way disadvantaged.

General Regulations

These General Regulations govern all degrees and other awards placed at Level 7 of the Framework for Higher Education Qualifications (FHEQ). The FHEQ forms part of the academic infrastructure of the Quality Assurance Agency for Higher Education (QAA) in England and Wales.

1. The Regulations

Introduction

1.1 These General Regulations govern all degrees and other awards placed at Level 7 of the Framework of Higher Education Qualifications (FHEQ) as listed in paragraph 2.1. Individual programmes of study leading to degrees and other awards at those levels are governed by both these General Regulations and specific Programme Regulations.

1.2 The rules within these General Regulations apply, in their entirety, to all of the awards listed in paragraph 2.1, except where indicated otherwise.

1.3 Registered External students are required to comply with these General Regulations and the appropriate Programme Regulations. They must also comply with the procedures, deadlines and instructions issued by the University in, for example, the student handbook/manual and Notice to Candidates. The University is not responsible for any consequences arising from failure to comply with these Regulations, procedures, deadlines or instructions.

1.4 It is a student's responsibility to ensure that his or her choice of subjects complies with the Regulations that are current for that year.

1.5 The rules relating to a particular programme of study in any given year are those included in the Regulations for that current year and not in the year in which the student initially registered (see also paragraph 1.8).

1.6 On all matters concerning the interpretation of these Regulations, or on which they are silent, the decision of the University shall be final.

Changes to the Regulations

1.7 The Regulations are reviewed and published annually, and certain programme details are subject to change. Each year's Regulations booklet replaces the one for the previous year, and so students must ensure that they refer to the current year's booklet at all times.

1.8 Changes to the Regulations for registered students will be introduced as follows:

- Two year's notice will be given when a subject is withdrawn, when a syllabus is amended substantially, when a prerequisite for a subject is introduced, and when the assessment method for a subject is changed.
- Five year's notice will be given in the event that the University is required to withdraw the programme.
- All other aspects of the Regulations may be amended without notice provided there is no detriment to the student or, where there is possible detriment, only with appropriate consultation. Normally, in the case of the latter, changes will be introduced for a new cohort of students only.

Terminology and definitions

1.9 The programmes of study leading to degrees and other awards may be referred to, in the Regulations, as 'programmes'. Postgraduate Certificates are referred to as 'certificates', and Postgraduate Diplomas as 'diplomas'. Postgraduate degrees are referred to as 'degrees'.

1.10 These General Regulations describe the individual elements of a degree or diploma as 'subjects'. In the Programme Regulations, these may be called 'courses', 'units', 'modules' or 'sections'.

1.11 The term 'examination' used in these Regulations refers to the entire assessment for a subject, and includes not only the written paper for that subject but also any coursework, project, dissertation or online participation that contributes towards the final assessment.

1.12 'Credit' for a subject, on the basis of the same or an equivalent subject previously passed, may be awarded to a student who has been registered with the University of London for a programme of study. The mark obtained at the examination at which the subject was passed will be carried forward to the student's record and will contribute towards his or her award, in accordance with the criteria for awards given in the respective Programme Regulations.

1.13 'Exemption' from a subject may be granted to a student who has studied **either** for an award with another institution **or** for a programme of study with the University of London, where the subject passed is not sufficiently equivalent for credit to be awarded. The mark obtained at the examination at which the subject was passed will **not** be carried forward to the student's record and therefore will not contribute towards his or her award.

1.14 The 'Admission Notice' is provided to each student who has made an entry to an examination. The Admission Notice contains the student's candidate number and confirmation of the dates and time of the examination(s) for which he/she has entered.

1.15 The 'Notice to Candidates' contains prescribed rules for the examinations. The Notice to Candidates is provided to students together with their Admission Notice.

Student complaints procedure

1.16 The University has a *Procedure for External student complaints* which can be found in the student handbook/manual (or the equivalent publication) and on the External System web site.

2. Awards to External students

2.1 The University grants the following awards at Level 7 of the FHEQ to External students:

- Postgraduate Certificates
- Postgraduate Diplomas

- Postgraduate (or Master’s) degrees.

2.2 The definition, level, volume and learning outcomes of these awards are described in the Framework for Higher Education Qualifications, which can be accessed via the web site for the Quality Assurance Agency for Higher Education (QAA) in England and Wales.

2.3 The degrees, diplomas and certificates listed in paragraph 2.1 are awarded without classification, although some may be awarded with a mark of Distinction or Merit (see paragraph 1 of the Programme Regulations).

2.4 A certificate under the seal of the University will be delivered to each successful student who is granted a degree or other award. The date of the award will be as indicated in paragraph 1 of the Programme Regulations concerned.

2.5 The standard of a University of London award is the same whether it is obtained by an External student or by a student who has been registered with a College of the University. The University’s Regulations (which govern all University of London awards) state that *“candidates granted degrees and other awards shall have attained the same academic standard irrespective of mode or place of study or examination”*.

2.6 To be eligible for an award of the University as an External student, a student must have:

- registered with the University as an External student **and**
- satisfied the requirements for the relevant award and complied with the Regulations for the programme concerned in all respects **and**
- made satisfactory payment to the University of all due fees and accounts.

The University reserves the right not to grant the award to students who fail to satisfy any of these conditions.

2.7 To register for a programme of study as an External student, an applicant must satisfy the conditions given in paragraph 4 of the relevant Programme Regulations. In addition, an applicant who was previously either registered as an External student or enrolled at a constituent College or Institute of the University of London must have made satisfactory payment to the University or College/Institute of all due fees and accounts. An applicant who fails to satisfy this condition will **not** be permitted to register, or to register again, as an External student.

2.8 An intermediate award or awards (i.e. a related certificate or diploma), if applicable, may be granted to a student registered for a diploma or degree in the following circumstances:

- At the discretion of the Board of Examiners, and as indicated in paragraph 3 of the Programme Regulations, a student registered for a diploma or degree who does not complete the programme of study **or** who does not satisfy the Examiners (at the level required for the award) in all subjects may be awarded a related certificate or diploma (if applicable). Such students will be required to have satisfied the Examiners (at the level required for the award concerned) in the subjects that comprise the certificate or diploma.
- At the discretion of the University, and where permitted in Paragraph 1 of the Programme Regulations, a student registered for a diploma or degree, and in circumstances other than those described in (a), may be considered for the award of a related certificate or diploma (if applicable), provided that he or she has satisfied in full

the requirements for the certificate or diploma concerned.

The award of the certificate or diploma will be with effect from the year in which the requirements for the certificate or diploma were satisfied.

2.9 An External student who has successfully completed the examinations for a certificate or diploma and has not accepted that award, may apply to transfer his or her registration to a related diploma or degree (if applicable) subject to the rules of progression in paragraph 3 of both these and the Programme Regulations. A student who has accepted the award of the certificate or diploma may also apply to transfer his or her registration unless the Programme Regulations state otherwise.

2.10 An applicant who has previously received an award of the University of London, or whose registration with the University was terminated because he or she had exhausted the permitted number of attempts at an examination, may apply to register again as an External student for a programme of study in a different subject or field of study.

2.11 Unless paragraph 1 of the relevant Programme Regulations states otherwise, an applicant who has previously received an award of the University of London, or whose registration with the University was terminated because he or she had exhausted the permitted number of attempts at an examination, may apply to register again for a programme of study in the same subject or field of study. All applications will be considered on an individual basis. Permission to register in these circumstances will be given at the discretion of the University and will be subject to any further conditions specified in these General Regulations and in the relevant Programme Regulations, or by the University.

2.12 A former student of the University who is applying to register again as an External student under the provisions of paragraphs 2.10 or 2.11 will be required to satisfy the entrance requirements for the programme of study for which he or she is applying and the conditions given in paragraph 2.7.

3. Application, entrance requirements and exemptions

Application

3.1 In order to be considered for registration as an External student, applicants are required to submit an application in accordance with the procedures and deadlines given in the relevant prospectus.

Entrance requirements

3.2 To be eligible to register as an External student for a programme of study leading to an award at Level 7 of the FHEQ, an applicant must satisfy in full the entrance requirements specified in paragraph 4 of the relevant Programme Regulations.

3.3 The University reserves the right to request applicants to provide evidence acceptable to the University of oral and written competence in English before an offer of registration can be made.

Exemptions

3.4 At the discretion of the University, students who satisfy the relevant entrance requirements to register for a programme of study and are appropriately qualified may apply for exemption from specified subjects. Applications will be considered on the basis of studies successfully completed at a level considered by the University to be appropriate.

3.5 Where permitted in paragraph 4 of the Programme Regulations students can be considered for exemption from up to **one third** of the programme concerned. Exemption can be granted from core and optional subjects, but cannot be granted from the dissertation, project or final examination (as appropriate) of the programme.

3.6 No exemption will be granted unless the student has made an application in accordance with the University's procedures and deadlines.

3.7 Applications for exemption cannot be considered after a student has made entry to the examination for the subject concerned. Students who have failed an examination may not, at a later stage, apply for exemption from that examination.

3.8 A fee is payable for all applications for exemption (see paragraph 11).

3.9 All exemptions are granted at the discretion of the University.

3.10 Exemptions are valid only for a limited time and as indicated in the offer of exemption. If a student does not enter an examination within this period, then the exemption will lapse and it will be necessary to make a fresh application.

3.11 Exemptions are valid only for the particular programme of study and subject for which they have been awarded. Exemptions will no longer be valid if the programme is withdrawn before the student registers. Students who transfer their registration to another programme may be required to submit a further application for exemption.

3.12 Students who are exempt from a specific subject are not required or permitted to offer the same, or equivalent, subject at a later stage.

4. Rules of progression

Progression within a programme of study

4.1 Students are required to comply with the rules of progression given in paragraph 3 of the Programme Regulations.

4.2 Students are not required to enter examinations every year nor to enter on the date they indicate at the time of registration, unless the Programme Regulations state otherwise.

Progression from a certificate or diploma to a related award

4.3 There is no automatic progression between certificates, diplomas and degrees. Satisfactory completion of a certificate or diploma does not in itself guarantee entry to a related diploma or degree. In order to proceed to a related award, a student registered for a certificate or diploma must normally successfully complete all the prescribed certificate/diploma subjects at the required level and receive a recommendation from the Examiners that he or she may proceed.

4.4 A student who progresses from a certificate or diploma to a related award will be credited the same or equivalent subjects passed. Any restriction on the use of credited subjects is given in the Programme Regulations.

4.5 The attempts at any failed subjects which are common to the diploma or degree to which the student progresses will be carried forward and will count towards the number of attempts permitted at those subjects.

Progression from a short course

4.6 Successful completion by formal assessment of a short course or courses may be taken into account for admission to a related or unrelated certificate, diploma or degree (with the exception of the LLM degree under the Old Regulations).

4.7 Successful completion by formal assessment of a short course or courses may be taken into account for credit towards a certificate, diploma or degree, provided that the application is made within **three** years of the completion of the relevant course or courses.

4.8 Successful completion of a short course or courses does not in itself automatically satisfy entry requirements for any certificate, diploma or degree or ensure credit.

4.9 A student who does not successfully complete the formal assessment for a short course will be permitted to proceed to a certificate, diploma or degree **provided** he or she satisfies the entrance requirements for the certificate, diploma or degree concerned.

4.10 All applications for progression from a short course to a certificate, diploma or degree will be considered on an individual basis and permission to progress, and, where appropriate, to receive credit, will be at the discretion of the University.

5. Period of registration

5.1 The minimum and maximum periods of registration are described in paragraph 5 of the individual Programme Regulations. No reduction in the prescribed minimum period of registration will be permitted, except within the parameters given in paragraph 5.2 and at the discretion of the University.

5.2 Postgraduate Certificates may not be completed in less than **six months**. Master's degrees and Postgraduate Diplomas may not be completed in less than **one year**.

5.3 Where permitted in paragraph 5 of the Programme Regulations, application for a renewal of registration for a further period may be made by students who have not completed all the requirements of the programme for which they are registered within the maximum period of registration. The University will take into account the progress made by the student during registration. A fee will be payable if renewal is granted.

5.4 Where permitted in paragraph 5 of the Programme Regulations, an application for an extension of registration of **one** year beyond the prescribed maximum period may be made by students who have not completed all the requirements of the award for which they are registered. A fee may be payable.

5.5 Renewal of registration and extension of registration are approved only at the discretion of the University and will be subject to the Regulations in force at the time of renewal or extension.

5.6 Students who are permitted to proceed from a certificate or diploma to a related diploma or degree (see paragraph 4) will have the maximum period of registration for the related award counted from the effective date of initial registration for the certificate or diploma for which they were initially registered.

5.7 Students who are permitted to proceed from a short course to a certificate, diploma or degree will be given a new period of registration as an External student, effective from the date of registration for the certificate, diploma or degree concerned. The maximum period of registration permitted will be the same as for all other students registered for the same programme, as indicated in paragraph 5 of the relevant Programme Regulations.

5.8 If a student fails to pay the appropriate fees or breaches any relevant disciplinary conduct code, the University reserves the right to apply the Code of Student Discipline and The Suspension and Termination of Registration of Students in Debt process as described in the University of London Ordinances (Ordinance 17 and 18 respectively).

6. Transfer

Transfer of External students to different programmes at Level 7 of the FHEQ, and within the same programme

6.1 Unless otherwise prohibited by the Programme Regulations concerned, an External student registered for a programme of study at Level 7 of the FHEQ who wishes to change to another programme at the same level may apply to transfer his or her registration. The student will be required to satisfy the regulations and entrance requirements for the programme to which he or she wishes to transfer.

6.2 A student registered for a programme of study with more than one 'scheme' or 'route' may apply to transfer between those schemes or routes.

6.3 The rules in paragraphs 6.4 to 6.9 apply both to students transferring between different programmes of study and to students transferring within the same programme. Further rules are given in the relevant Programme Regulations.

6.4 All applications to transfer will be considered on an individual basis, and permission to transfer will be at the

discretion of the University and subject to the Programme Regulations concerned. Students may be required to cancel their registration and register afresh.

6.5 Any additional fees payable (see also paragraph 11.5) and any period of transferred registration granted shall be at the discretion of the University. Any refund of fees already paid will be subject to the conditions in paragraph 11.

6.6 An application to transfer which is submitted after a student has made entry to any examination will **not** be considered until after the result of that examination has been published. The result of that examination will then be taken into account by the University in instances when permission to transfer is dependent on the student's examination record and/or where the student is applying to transfer between the routes or schemes of the same programme of study.

6.7 In certain circumstances, students who transfer may receive credit for subjects already passed. Details of such credit arrangements are given in the Programme Regulations.

6.8 Students who receive credit for subjects passed will not be permitted to re-enter the examination for those subjects. The marks obtained at the examinations at which the subjects were passed will contribute towards the student's award, in accordance with the criteria for awards given in the respective Programme Regulations.

6.9 Students who are not permitted to transfer to a particular programme but who wish to register for that programme must cancel their registration for the other award and apply to register afresh, subject to satisfying the requirements of paragraph 4 of the Programme Regulations. Students who are permitted to register afresh in this way:

- will **not** be permitted to carry credit for any subjects previously passed either to the programme concerned, or, in the event of a subsequent transfer, to another programme **and**
- will **not** be permitted to carry any failed attempts at subjects from their previous registration.

Transfer of External students to a programme at Levels 4, 5 or 6 of the FHEQ

6.10 Students registered for a programme of study at Level 7 of the FHEQ (see paragraph 2.1) are not permitted to transfer their registration to a programme at Levels 4, 5 or 6 of the FHEQ. Students will instead be required to cancel their existing registration and to submit a fresh application for registration and comply with the Regulations for the programme concerned.

Registration and credit transfer of College-based students

6.11 A student in attendance at a College or Institute of the University of London may apply to complete their studies for the same award as an External student and may be considered for credit and/or exemption for subjects previously passed. All applications for credit and/or exemption will be considered on an individual basis and at the discretion of the University.

6.12 Students who receive credit for subjects passed will not be permitted to re-enter the examination for that subject. The mark obtained at the examination at which the subject was passed will contribute towards the student's award, in accordance with the criteria for awards given in the respective Programme Regulations.

7.13 The rules concerning exemptions are given in paragraph 3.

7. Assessment

7.1 Students are required to satisfy the assessment requirements for the subject(s) taken and may not make more than the number of attempts permitted in paragraph 8.

7.2 An examination is governed by the Regulations in force at the time of the examination and not at the time that a student was initially registered or first attempted the examination concerned (but see also paragraph 1.8).

7.3 In order to sit an examination, a student must:

- have completed the relevant application and registration/enrolment procedures with the University by the appropriate deadlines and be registered as an External student for the programme concerned **and**
- have made an examination entry in accordance with both the University's and the appropriate examination centre/Overseas Examination Centre's instructions and deadlines.

7.4 Except in the circumstances of paragraph 7.5, all examinations by written paper, wherever held, will take place on the same date and at the same time. The University reserves the right to set different papers in the same subject in separate countries and in different time zones.

7.5 In the event of any unavoidable delay in the arrangement of examinations in a country other than the United Kingdom, the Overseas Examination Centre will arrange for the relevant papers to be taken with as little deviation as possible from the original dates and times assigned to them. Students are required to abide by any such revised arrangements. The University reserves the right not to mark a paper taken at a different time from that prescribed.

7.6 Where it is deemed necessary, Examiners may change the format or rubric of a written paper, from that of a previous year, without prior notice to students.

7.7 Except where the syllabus/course outline or rubric for a written paper for a particular subject indicates otherwise, all answers to examinations must be written in English.

Examination centres

7.8 Examinations by written paper are held at established examination centres worldwide.

7.9 Outside the United Kingdom and Republic of Ireland, examinations are conducted by independent bodies known as Overseas Examination Centres.

7.10 In countries where an established Overseas Examination Centre exists, students must use the facilities provided by that Centre. The University will not establish an alternative centre in those countries.

7.11 All examinations are held at the discretion of the examination centre/Overseas Examination Centre and are subject to any conditions they may impose.

7.12 Students are required to apply to the relevant examination centre/Overseas Examination Centre for permission to sit an examination. The University can accept no responsibility for making examination arrangements on behalf

of a student. It is entirely at the discretion of the examination centre or Overseas Examination Centre to accept or refuse an entry to an examination.

7.13 A fee is normally levied by all examination centres (other than London) and Overseas Examination Centre. This fee is payable by students each time they make an examination entry. The University cannot be responsible for this fee nor can it influence the level of fee charged.

8. Number of attempts permitted

8.1 A student who fails to satisfy the Examiners in an examination, and who has not yet satisfied the conditions for the Board of Examiners to determine his or her final result, will be permitted or required to make **one** further attempt at that examination. The maximum number of attempts permitted at any examination is **two**.

8.2 A student who enters an examination hall to attempt a written paper will be considered to have made an examination attempt. Unless otherwise stated in the Programme Regulations, absence from an examination will not count as an attempt.

8.3 The mark or grade awarded for a second attempt at an examination will supersede any previously awarded mark or grade for that examination, unless the Programme Regulations state otherwise.

8.4 If a student fails to satisfy the Examiners at a second attempt at any examination his or her registration will cease unless the Programme Regulations permit the student to proceed as the requirements for that award may still be satisfied, in which case the mark or grade obtained on the latest occasion may be carried forward and may count towards the final award.

8.5 Except as otherwise provided for by the University, students may not make a further attempt at any subject already passed or for which credit has been awarded.

9. Students with a disability and/or special needs

9.1 The University has a policy for External students with a disability and/or special needs and a statement explaining this policy is given on the External System web site.

9.2 As part of its policy, the University will make every reasonable effort to accommodate the requirements of a student with a disability and/or special needs by, wherever possible, providing any study materials in a different format (e.g. large print) or another medium, and/or by making special examination arrangements. If the University is unable to provide the study materials in the format which has been requested, the University will endeavour to make an alternative suggestion.

Special examination arrangements

9.3 The University has a Panel which considers special examination arrangements for students with a disability and/or special needs. The aim of the Panel is to make sure that a student with a disability and/or special needs is neither disadvantaged nor advantaged when compared to other students. The University cannot guarantee that special examination arrangements will be possible in every case.

9.4 Applications from students with a disability and/or special needs may be considered for the use of special aids or for extra time in the examinations.

9.5 Special arrangements for examinations at an *ad hoc* centre may be made in very exceptional circumstances and then only in the United Kingdom. Arrangements **cannot** be made for oral or practical examinations to be held at an *ad hoc* centre, although in exceptional cases it may be possible to permit the use of special aids. Arrangements for examinations in a student's home are **not** made. Additional fees may be payable for arrangements at an *ad hoc* centre.

9.6 A student who finds handwriting difficult due to medical or learning difficulties must apply to the University for special arrangements to be made. The University will not transcribe illegible scripts. Any script deemed illegible by the Board of Examiners will be assigned a mark of zero and a fail result will be given. This will count as an attempt at the examination.

10. Conduct of examinations

10.1 All students sitting examinations are required to comply with the rules governing the conduct of examinations given below and in the Notice to Candidates accompanying the Admissions Notice.

Representations about examinations

10.2 Students who wish the Board of Examiners to know of any illness or other adequate cause which they think may have affected their performance must **immediately** inform the Examinations Office and furnish a supporting medical certificate or other supporting certification obtained at the time of illness. Notification received more than **three weeks** after the date of the last examination will **not** be taken into account by the Examiners.

10.3 Appeals against the results of examinations **may not be made** on academic grounds. The University will consider representations concerning examination results made on the grounds of administrative error or where there is concern that the examination may not have been conducted in accordance with the relevant Instructions and/or Regulations. An administration fee (currently £50 per paper) is payable for the consideration of such representations (refundable in the event that an error is found). Any representation must be made within **one month** of the publication of the decision of the Board of Examiners to which it relates and should be addressed to the Head of Special Examination Services and be accompanied by payment of the administration fee. Representations must state the grounds on which the appeal is made and provide evidence to support it. Further information on the procedure may be obtained from the Head of Special Examination Services.

Permitted materials

10.4 A student may use in the examination only such books, notes, statutes, statistical tables, instruments, or other materials as are specifically permitted in the **Admission Notice/timetable**. No other books, notes, instruments, or other materials or aids whatsoever may be introduced into an examination room or be handled or consulted during an examination. Any such materials or aids in the possession of a student on entry to the examination room must be deposited immediately with the Invigilator before the examination starts. It is an examination offence to introduce unauthorised materials into the examination room.

10.5 The use of calculators in the examinations is strictly controlled. Students may use their own electronic calculators in the examinations provided that:

- a) the Programme Regulations permit this
- b) the calculator complies with the specification given in paragraph 10.6
- c) where no such permission is given in the Programme Regulations, calculators may **not** be used.

10.6 Where calculators are permitted, the following specification will apply, unless the Programme Regulations state otherwise:

- Non-programmable. The use of a calculator or other electronic device that communicates, stores textual or numerical information, or displays textual (except error) messages, graphical or algebraic information is strictly forbidden. The use of a calculator with alphabet and/or symbol keys not listed below is strictly forbidden.
- PDAs, mobile phones or other devices are forbidden
- Hand held
- Compact
- Portable
- Solar and/or battery powered
- Quiet in operation
- The use of calculators with the following symbols and functions **only** are permitted:
 - Digit keys 0 to 9 and decimal point;
 - Keys for basic arithmetical functions of addition, subtraction, multiplication, division and equals;
 - Percentage key;
 - Square root key;
 - Basic 3 key memory (MRC, M-, M+);
 - Clear keys (C, AC);
 - On/off key.

10.7 The use of any calculator other than the type specified in the paragraph 10.6 of the General Regulations, or in paragraph 6 of the Programme Regulations, will constitute an examination offence and will be subject to the provisions in paragraph 10.16 of these regulations. Students are responsible for ensuring that their calculators are in working order for the examination. Students must ensure that they have alternative means of calculation in the event of the calculator failing during the examination, either through the use of a second calculator, which complies with the specification given in the Programme Regulations, or to continue the examination without the use of a calculator. If students use electronic calculators in examinations they must indicate on their examination scripts the name and type of machine used. Calculators will **not** be provided by the University.

Examination offences

10.8 It is an examination offence to introduce into, or use in the examination room, unauthorised materials or aids. Any unauthorised materials or aids brought into an examination room and not deposited with the Invigilator (see paragraph 10.4) must be surrendered to the Invigilator on request. Any materials or aids so surrendered may be handed over by the Invigilator to the University which may make copies of them. The original materials or aids (together with all such copies) may be retained by the University at its absolute discretion.

10.9 Students must not pass any information from one to another during an examination of a written paper. A student may not act in collusion with another student or any other person, nor copy from another student, nor engage in any similar activity. Any of these activities constitutes an examination offence.

10.10 Plagiarism is the presentation of another person's thoughts or words as if they were the student's own: for example, copying from text books and other sources (including the Internet) without due acknowledgement that the passages quoted are copied and without giving the source of those passages (see paragraph 10.12). Plagiarism is an examination offence.

10.11 All work submitted as part of the requirements for any examination must therefore be expressed in the student's own words and incorporate his or her own ideas and judgements.

10.12 Direct quotations from the published or unpublished work of another person must always be clearly identified as such and a full reference to the source must be provided in the proper form. A series of short quotations from several different sources, if not clearly identified as such, constitutes plagiarism in the same way as an unacknowledged quotation from a single source. Equally, if another person's ideas or judgements are summarised, the student must refer to that person in the text, and give details of the work to which reference is made. Further instructions on acknowledging other people's work and the extent to which other sources may be quoted is given in student handbooks/manuals.

10.13 It is an examination offence to submit work which has been written jointly by two or more persons, unless expressly permitted in the relevant Programme Regulations.

10.14 Assignments, essays, projects, reports, dissertations and other similar work must therefore be the student's own work and must be written without the assistance of other people, except where expressly permitted in the Programme Regulations. Students will be required to submit a signed declaration for all such work submitted, stating that they understand what is meant by plagiarism, and confirming that the work submitted is entirely their own and that the use of published or unpublished works of other people has been acknowledged in accordance with the University's requirements.

10.15 It is the responsibility of the student to safeguard his or her assignments, essays, projects, reports, dissertations and other similar work and to prevent them from being copied by other students.

10.16 The examination offences listed in the foregoing paragraphs will be treated as cheating or irregularities of a similar character under the provisions of the Regulations for Proceedings in respect of Examination Offences by Candidates for University Awards, except as otherwise provided for in the relevant Programme Regulations. Under the Regulations for Proceedings in respect of Examination Offences by Candidates for University Awards students found to have committed an offence may have the results of their examinations withheld, and may be excluded from all future examinations of the University. A copy of these Regulations may be obtained from the Head of Student Assessment.

Other matters

10.17 The University reserves the right to require students sitting an examination for a written paper to remain within the examination hall or its precincts for the duration of the relevant paper.

10.18 All examination scripts are the property of the University and will not be returned to students. Answers to assignments, essays, course projects and other similar work written in the student's own time will only be returned to the student as described in the relevant Programme Regulations. Final reports on research projects or dissertations will not be returned to students, unless indicated otherwise in the Programme Regulations.

10.19 All question papers will be retained by the University.

11. Fees

11.1 Students are required to pay the fees that are due in any particular year in full at the time when they fall due. Fees must be paid in accordance with the University's procedures and deadlines given in the prospectus and Student handbook/manual or equivalent publication (as applicable).

11.2 The University reserves the right to amend previously announced fees. The University also reserves the right to make additional charges (see paragraph 8 of the Programme Regulations).

11.3 Students who are permitted to proceed from a certificate or diploma to a related diploma or degree (see paragraph 4) will be required to pay the fees indicated in paragraph 8 of the Programme Regulations.

11.4 Students who are permitted to proceed from a short course to a certificate, diploma or degree (see paragraph 3) will be required to pay the registration fee for the relevant programme of study and the fee for the remaining subjects, unless indicated otherwise in the Programme Regulations.

11.5 Students who are permitted to transfer their registration to another programme of study (see paragraph 6) shall be required to pay the relevant fees, for the programme concerned, in order to do so. Any additional fee payable shall be at the discretion of the University. Any refund of fees already paid will be subject to the conditions in paragraphs 11.8 and 11.9.

11.6 Students who cancel their registration for one programme of study and register afresh for another programme of study (see paragraphs 6.4 and 6.9) will be required to pay the relevant fees, for the programme concerned, in order to do so. Any refund of fees already paid will be subject to the conditions in paragraphs 11.8 and 11.9.

11.7 Students who are permitted to renew their registration at the expiry of the initial period of registration (see paragraph 6) will, as applicable, be required to pay a further full registration fee. Students who are permitted to renew their registration for a programme of study which is being phased out will be required to pay a proportion of the full registration fee (as applicable), the amount depending on the number of years remaining before the last examination for the programme concerned. In addition to the registration fee, **all** students will be required to pay the appropriate subject fees, under the Regulations in force at that time.

Refunds

11.8 Fees will only be refunded in exceptional circumstances and at the discretion of the University (but see also paragraphs 11.9 and 11.10). All refunds will be subject to an administrative charge determined by the University. Any further information is given in paragraph 8 of the Programme Regulations.

11.9 Exemption application fees are **not** refundable.

11.10 Examination entry fees where applicable are **not** refundable nor can they be transferred from one examination to a later one. A student is liable for the full fee at any subsequent entry, in accordance with the Regulations then in force.

Programme Regulations for Short Courses

These Programme Regulations apply to the short course programme that is related to the MSc degree and Postgraduate Diploma in Public Health.

1. Introduction

1.1 The University offers individual modules of the MSc degree and Postgraduate Diploma in Public Health as credit bearing short courses.

1.2 The rules governing this short course programme are given in both these Programme Regulations and the General Regulations for Short Courses that follow.

2. Short course programme of study

2.1 The following modules are offered as credit bearing short courses under this short course programme:

The following modules accommodate 80-100 notional study hours:

PH101	Basic epidemiology
PH102	Basic statistics for public health*
PH103	Introduction to health economics
PH104	Principles of social research
PH105	Issues in public health
PH106	Environment, health and sustainable development
PH107	Health promotion theory
PH108	Health services
PH109	Health policy, process and power
PH201	Analytical models for decision making
PH202	Communicable disease control
PH203	Economic analysis for management and policy
PH204	Economic evaluation
PH205	Environmental epidemiology
PH206	Environmental health policy
PH207	Health care evaluation
PH208	Financial management
PH209	Globalisation and health
PH210	Managing health services
PH211	Medical anthropology in public health
PH212	Organisational management
PH213	Principles and practice of health promotion

** Note: Students will need access to a computer for PH102 Basic statistics for public health*

2.2 Students may take up to **three** modules as short courses (see also paragraph 2.2 of the Short Course General Regulations).

2.3 Not all modules will necessarily be available in every year.

2.4 In addition, as there are limits to the number of students who can be registered for each module in any year, the University cannot guarantee that a student's preferred choice of modules will always be available. On registration, therefore, students will be asked to indicate their alternative choices.

2.5 A student's selection of modules may be subject to the agreement of the Course Director.

Period of registration

2.6 All students registering for a short course will be registered for a maximum period of **two** years (Short Course General Regulations paragraph 4.1). The minimum period of registration for students who choose to be assessed in a short course on this programme is **one** year.

2.7 Further information on the period of registration is given in paragraph 4 of the Short Course General Regulations.

Computer requirements

2.8 All students will be required to have access to a computer with minimum hardware requirements and to email (see prospectus and Student handbook). Students are responsible for ensuring adequate system maintenance.

3. Progression to the related awards

3.1 Students who successfully complete the assessment for one or more of the short courses in this short course programme may be considered for progression to the following related awards: MSc degree in Public Health and the Postgraduate Diploma in Public Health.

3.2 Students who are permitted to progress may be credited with any short courses successfully completed.

3.3 Further rules governing progression to the degree or diploma is given in paragraph 3 of the Short Course General Regulations.

4. Entrance requirements

4.1 In order to be eligible to register for a short course governed by these Regulations, an applicant must have:

A second class honours first degree or the equivalent in a subject appropriate to the degree, from a university or other institution acceptable to the University of London, and a minimum of one year's relevant work experience.

4.2 If an applicant does not satisfy the entrance requirements given in paragraph 4.1, the University may still consider the application but will require evidence of the applicant's ability to undertake an advanced course of study.

4.3 For all applicants an advanced level of ability to work in English is required. Applicants may be required to pass or to have passed within the last five years, at the appropriate level, a test of proficiency in English acceptable to the University – for example a TOEFL score of 600 (or 250 in the computerised test) and a minimum of 5 in the TWE or a British Council (IELTS) overall score of 7 or over with a minimum of 7 in the written sub-test.

4.4 All students will be required to have access to a computer with minimum hardware requirements and to email (see prospectus and Student handbook). Students are responsible for ensuring adequate system maintenance. Students who choose to be assessed will also require a calculator (see paragraphs 10.4 to 10.7 of the General Regulations).

5. Assessment

5.1 Students may choose whether or not to be formally assessed in the credit bearing short course for which they are registered. Students who choose to be formally assessed will be examined to the same standard as that required by students registered for the related degree or diploma (see paragraph 3.1). **Paragraphs 5.2 to 5.14 apply to all students who wish to be assessed.**

5.2 The assessment of each module taken as a short course varies. Full details of assessment are given under the individual module outlines in Schedule A.

5.3 For each individual module students are required to contribute satisfactorily to the computer-conferencing discussion groups and to attempt the written paper in the year of registration for the module concerned, unless they have been given permission to defer one or more of these elements.

5.4 Examinations by written paper, whenever held, will take place on one occasion each year, normally in **June**.

5.5 A student who fails to satisfy the Examiners in an examination at the first attempt will be permitted to make **one** further attempt at that examination. The maximum number of attempts permitted at any examination is **two** (Short Course General Regulations, paragraph 6.1) *provided* the student's registration has not expired.

5.6 In all examinations (by both written paper and written assignments) students will be examined both on the module outlines and on the study materials that are current for the year of the examination concerned. As module outlines and study materials are subject to change in advance of each academic year, students must ensure that they have the correct outlines and materials by returning their completed continuing registration form annually. Further information is given in the Student handbook.

5.7 Assignments must be submitted to be received by the deadlines given in the guidelines for the assignments and the Student handbook.

5.8 Where the examination of a module comprises both a written paper and assignment(s), students are expected to submit the assignment(s) in the same academic year as they attempt the written paper for that module.

5.9 The mark awarded for modules that comprise a written paper and assignment(s) will be based on the mark obtained in the written paper and the mark for the assignment(s), weighted on the scales indicated under the individual module outlines in Schedule B. Students who attempt only one element of the assessment for a module in a given academic year may be permitted to carry forward the grade awarded for the element attempted for one year only. The carrying over of grades for individual elements of longer than one year will be allowed only at the discretion of the Board of Examiners.

5.10 Extensions to the deadline for the receipt of assignments will only be granted in extenuating circumstances, and will only be considered if the student has made a written application, to the Course Director, before the deadline. An assignment received after the deadline, without an agreed extension, will **not** be considered.

5.11 Assignments must be submitted electronically (unless otherwise specified in the assignment guidelines). For information on submitting assignments electronically, students should consult the guidelines for the assignments and the Student handbook.

Marks

5.12 Information on assessment criteria and how a mark achieved for a credit-bearing short course might contribute to a related award, for students who progress to such an award, are given in Schedules D and E of the Programme Regulations for the awards.

6. Fees

6.1 The fees payable to the University are as follows:

Modules PH101 to PH109:

Fee per module taken as a short course	£1231
Examination re-entry fee per module taken as a short course	£150
<i>(Payable by students who enter an examination on a second occasion, having failed on the first occasion.)</i>	

Modules PH201 to PH213:

Fee per module taken as a short course	£857
Examination re-entry fee per module taken as a short course	£71
<i>(Payable by students who enter an examination on a second occasion, having failed on the first occasion.)</i>	

6.2 The fee payable per short course must be paid not later than **31 August**. No study materials will be despatched until all fees due have been received. The deadline for payment of an examination re-entry fee is **1 February** in the year of the examination.

6.3 The fees above refer to the 2009-10 academic year only.

6.4 A fee is normally levied by all examination centres (other than London) and Overseas Examination Centres. This fee is payable by students who choose to be assessed each time they make an examination entry. The University cannot be responsible for this fee nor can it influence the level of fee charged.

Progression to an award

6.5 When a student progresses from a short course to the related Postgraduate Diploma or MSc degree, the following additional fees shall be payable:

- a registration fee to register for the Postgraduate Diploma or MSc degree
- the relevant module fees.

Refunds

6.6 A refund of the short course fee will be given where the fee has been paid but no study materials have been despatched. Such refund will be subject to a charge determined by the University (currently £50).

Schedule A / Module outlines

The examination numbers are appended to the module titles and these numbers should be used when completing the examination entry forms.

PH101 - Basic epidemiology [953P101]

This module will provide an introduction to the basic concepts and methods of epidemiology to enable students to understand, interpret and apply the basic methods of epidemiology and introduce more advanced epidemiological and statistical concepts. The module will include the basic principles underlying different study designs; interpretation of epidemiological data; and public health preventive strategies. The emphasis will be on improving understanding of epidemiological methods and its use in public health.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH102 - Basic statistics for public health and policy [953P102]

This module will introduce the basic statistical methods used in public health research. In particular, students will learn methods of describing data, and how to interpret and use confidence intervals and significance tests, the most common methods of allowing for random variation in research results. The presentation and comparison of proportions and of means, and the technique of linear regression will be covered. As part of this introduction, students will learn to make practical use of a statistical computer package.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH103 - Introduction to health economics [953P103]

This introduces the approach taken by economics and the scope and contribution of health economics. The concepts of supply and demand and their interaction in markets is discussed before exploring the relevance of markets to the provision of health care and the promotion of good health. Next the advantages and disadvantages of different ways of financing health services and paying providers are described. Finally the main methods of economic evaluation (cost-effectiveness and cost-benefit analysis) are explained and their potential application in health care decision making is explored. It provides students with sufficient basic knowledge to understand the main contribution of health economics. For those interested in more in-depth knowledge, it provides the basis for taking the advanced health economic study modules.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH104 - Principles of social research [953P104]

This module aims to introduce the basic principles of practice and theory in social research as applied to health. Students are introduced to key concepts in qualitative and quantitative methodology; the main data collection methods used in social research for health, and perspectives from some of the social science disciplines that have contributed to public health, including psychology, sociology, medical anthropology and history of medicine. The focus is on providing a broad

introduction for those who will need to read, appraise or commission social research for public health.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH105 - Issues in public health [953P105]

This module is designed to answer the question what is public health? and to introduce the main concepts, principles, and practices of public health. The module discusses modern public health, its underlying themes, use of basic data on populations and mortality, methods used to estimate the burden of disease and assessing factors that contribute to its determinants, health inequalities, the extent to which health care contributes, or fails to contribute to, population health, and how to determine the effects on health of policies in other sectors such as the environment. The module also looks at the health impact of some of the most important causes of avoidable disease globally.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH106 - Environment, health and sustainable development [953P106]

This module introduces students to basic principles in environment, health and sustainable development and the importance of the interaction between them. The module also covers issues of environmental quality and how these are affected by human action – including air, water, waste, energy urbanisation and global issues including climate change. The module uses developing and developed country examples and students will through a variety of exercises gain skills in identifying key issues and critically evaluating the relationships between health, environment and sustainable development.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH107 - Health promotion theory [953P107]

This module focuses on the ideologies and theories which underlie health promotion. Topics will include the history, politics and ethics of health promotion, community development, healthy public policy, models of behaviour change and communicating risk. The module also covers planning health promotion interventions. The importance of evaluation and research in all aspects of health promotion will be emphasised throughout the module.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH108 - Health services [953P108]

This module provides students with a range of ways of thinking about health services and health systems. Drawing on epidemiology, economics, history and sociology, it demonstrates the need for adopting a multi-disciplinary approach to understanding how health services function and why they have developed in the way they have. It starts by describing the inputs to health care including notions of diseases and medical knowledge. It goes on to consider the processes of care and how and why they vary. This leads into a consideration of the way services are organised in low, middle and high income countries. Finally it addresses ways of defining and monitoring and improving the quality of services.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH109 - Health policy, process and power [953P109]

This module introduces students to the main theoretical approaches to understanding the dynamics of health policy processes at both national and international levels, drawing principally on political science and policy analysis. It covers examples from high, low and middle income countries. The module covers the political system within which policy is made and the role of the state, the process of policy making within government, how issues get onto the policy agenda, the role of interest groups in the policy process, policy implementation, the contribution of research and evaluation and global initiatives in health policy.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination).

PH201 - Analytical models for decision making [953P201]

This module will develop understanding of the roles, strengths and weaknesses of different types of analytical model in supporting health care management decision making.

The issues covered include: types and characteristics of models for management decision making; complex decisions involving many criteria, uncertainty and risk; planning and budgeting for services to meet health care needs; hospital planning and costing models; and simulating flows through systems using deterministic, dynamic and stochastic models. It will require access to a computer and Excel spreadsheet software. The emphasis will be on practical decision making.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH202 - Communicable disease control [953P202]

This module covers the three main themes of communicable disease control: surveillance, outbreak investigation and vaccines. Surveillance covers general principles as applied to infectious disease locally and nationally, as well as international surveillance. Both epidemiological and management aspects of outbreak investigation are explained. Vaccines cover general principles, evaluation and strategy. This module will provide students with sufficient background to set up and run a communicable disease control programme in their country or region.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH203 - Economic analysis for management and policy [953P203]

This advanced economics module seeks to strengthen students' familiarity with the conceptual bases for health economic analysis and develop their appreciation of how economic concepts and techniques can be applied to policy making and to the planning and management of health systems.

Topics include: welfare economics and the foundations of economic evaluation; economic evaluation; demand analysis in health care; production and cost function analyses; market analysis and competition; regulation, contracting and agency; and equity in the health sector.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH204 - Economic Evaluation [953P204]

This module aims to allow students to understand and apply current methods in the economic evaluation of health interventions. Topics include: measurement, valuation and analysis of costs; techniques for measuring and valuing health outcomes; the presentation of cost and effect data; and critical appraisal of economic evaluation in health care decision making.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH205 - Environmental epidemiology [953P205]

This module aims to give students an understanding of the main themes in environmental epidemiology, with particular emphasis on methods of investigation, including those of time-series and spatial analysis. It covers pollution of the air, water and land, of ionizing and non-ionizing radiation, and the investigation of disease clusters. Emphasis is given to critical interpretation of scientific evidence relating to potential environmental hazards to health.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH206 - Environmental health policy [953P206]

The module aims to introduce students to a range of key methodological tools for assessing and controlling environmental risks to health. These include: risk assessment as a structured method to estimate quantitative health impacts, especially for chemicals; health impact assessment, building on risk assessment as a planning and monitoring mechanism; environmental economics as a tool to help assess and compare heterogeneous health impacts and costs; and risk management as a framework for assessing and controlling risks. Consideration will be given to global and local issues and examples will be drawn from developing and developed countries.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH207 - Health care evaluation [953P207]

This module will consider how the principles of scientific evaluation can be applied to the dimensions of effectiveness, efficiency, humanity and equity. The module will cover the quantitative (including both experimental and observational designs) and qualitative methods used in evaluation of these four dimensions. It will also consider the challenge of measuring key outcomes such as disease, health status and quality of life and address the issues involved in measuring costs.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH208 - Financial management [953P208]

This module provides an introduction to financial management and aims to give students confidence in their handling of financial information. Topics will include the funding of health care, costing and pricing of health services including market analysis, budgeting and budgetary control, contracting processes, financial accounting, working capital management and financial analysis, financial systems and controls, management information systems, performance management, capital investment appraisal and project management.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH209 - Globalisation and health [953P209]

This module addresses the implications for human health worldwide of global change across economic, social, political and environmental dimensions. It combines an introduction to core concepts and debates, with detailed examination of issues including the globalisation of food, pharmaceutical and tobacco industries, developments in global health governance, and the impact of climate change, population mobility and multilateral trade agreements. The module will enable students to develop a detailed understanding of the complex links between globalisation and health.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH210 - Managing health services [953P210]

This module examines the concepts of management, managerial leadership and governance within health care systems. It provides a theoretical and practical understanding of the management processes and skills required to enable organisations or professionals to achieve their goals. The module develops the conceptual framework for the analysis of health services management following which key managerial tasks are examined including managing income and finances;

managing people; managing strategy and change; managing results; and finally, managerial leadership.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH211 - Medical anthropology in public health [953P211]

This module introduces concepts of social and medical anthropology, drawing attention to its application to public health. It introduces the history, theoretical frames and methods of social and cultural anthropology, and of the sub-discipline of medical anthropology. It then examines social and cultural perceptions of sickness, medical pluralism and health seeking behaviour, the anthropology of infectious diseases, of biomedicine and of medicines, and the relations between cultural constructions of the person, the body and sickness. Finally, it explores the potential of anthropology to study (and improve) public health interventions and medical research itself.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH212 - Organisational management [953P212]

This module will expand on the core themes of organisational management and organisational behaviour, in particular in the health workplace. The module will use readings and case-studies on motivation, roles, interaction, leadership, power, influence, groups, culture, politics, design and change in organisations and the history of management theory.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

PH213 - Principles and practice of health promotion [953P213]

This module builds on Health Promotion Theory core module, and covers many different techniques available to people engaged in health promotion practice. These include individual approaches; group and community approaches and population and structural approaches. The module will consider topics such motivational interviewing, cognitive behavioral therapy, peer education, public education, health promoting environments, advocacy, partnerships and multi-sectoral working and policy and legislation. It will explore the strengths and weaknesses of these various techniques and the contexts in which they might be used.

Assessment: by one two-hour unseen written paper (in addition, students will be given 15 minutes reading time at the start of the examination) and by written assignment(s).

Short Course General Regulations: Masters Level Programmes

1. The Regulations

1.1 The University offers a number of short course programmes to External students. These short course programmes include credit bearing and non-credit bearing short courses.

1.2 The provision of credit bearing and non-credit bearing short course programmes at Masters level, and the registration of External students for credit and non-credit bearing short courses, is regulated by both these General Regulations and the Short Course Programme Regulations.

1.3 Registered External students are required to comply with these General Regulations and the appropriate Short Course Programme Regulations. They must also comply with the procedures, deadlines and instructions issued by the University in, for example, the relevant Student handbook and in the Notice to Candidates, which is sent to students prior to an examination. The University is not responsible for any consequences arising from failure to comply with these Regulations, procedures, deadlines or instructions.

1.4 The rules relating to credit bearing and non-credit bearing short courses in any given year are those included in the General Regulations and the relevant Short Course Programme Regulations for that current year and not in the year in which the student initially registered.

1.5 To register for a short course programme as an External student, an applicant must satisfy any entrance requirements for the short course programme concerned. In addition, an applicant who was either previously registered as an External student or who was previously enrolled at a constituent College or Institute of the University of London must have made satisfactory payment to the University or College/Institute of all due fees and accounts. An applicant who fails to satisfy this condition will **not** be permitted to register, or to register again, as an External student.

1.6 On all matters concerning the interpretation of these Regulations and the Short Course Programme Regulations, or on which they are silent, the decision of the University shall be final.

Changes to the short course provision

1.7 Short course programmes are reviewed annually and are subject to change. Two years' notice will normally be given to registered students of any major amendment to a programme, particularly where courses are to be withdrawn.

Terminology and definitions

1.8 A 'short course programme' is a collection of short courses in a particular field of study, as defined in the relevant Short Course Programme Regulations.

1.9 'Credit bearing' short courses are short courses that may be taken into account for admission, and for credit, to a related or unrelated Postgraduate degree, diploma or certificate provided the formal assessment of that short course has been successfully completed.

1.10 'Non-credit bearing' short courses are short courses that may **not** be taken into account for admission to a related or unrelated Postgraduate degree, diploma or certificate. No credit or exemption for the related or unrelated degree, diploma or certificate will be given.

1.11 Credit bearing and non-credit bearing short courses are collectively known as 'short courses' in these Regulations.

1.12 These Short Course General Regulations describe the individual elements of a short course programme as 'subjects'. In the relevant Short Course Programme Regulations these may be called 'courses', 'units', 'modules' or 'sections'.

1.13 'Formal assessment' is the means by which credit bearing short courses are examined. The forms of assessment associated with the appropriate level of postgraduate study are used.

1.14 The term 'examination' used in these Regulations refers to the **entire** assessment for a credit bearing short course, and includes not only the written paper for that short course but also any coursework, project, dissertation or online requirements that count towards the final assessment.

1.15 Where short courses are associated with a particular Postgraduate degree, diploma and/or certificate, these are referred to as '**related**' degrees, diplomas and certificates.

1.16 The 'Admission Notice' is provided to each student who has made an entry to an examination. The Admission Notice contains the student's candidate number and confirmation of the dates and time of the examination(s) for which he/she has entered.

1.17 The 'Notice to Candidates' contains prescribed rules for the examinations. The Notice to Candidates is provided to students together with their Admission Notice.

Student complaints procedure

1.18 The University has a *Procedure for External student complaints* which can be found on the External System web site.

2. Short courses

2.1 The short courses available are given in the relevant Short Course Programme Regulations for the current year.

2.2 The relevant Short Course Programme Regulations indicate whether there is a maximum limit to the number of credit bearing and non-credit bearing short courses that may be taken on that programme and will state a maximum if a limit applies.

2.3 All credit bearing short courses will accommodate no less than 50 notional study hours.

2.4 Notional hours for non-credit bearing short courses are indicated in the relevant Short Course Programme Regulations.

2.5 Students may apply to take any short course available in a year unless they have already been awarded a related degree/diploma/certificate, in which case they may not normally offer a short course which is the same as, or equivalent to, a subject previously passed.

2.6 All students registering for any short course will receive a certificate of registration. A certificate of achievement will be presented to students who have satisfactorily completed any study requirements indicated in the relevant Short Course Programme Regulations and who successfully complete the assessment of a short course.

2.7 To be eligible for a certificate of registration and a certificate of achievement, a student must have been registered for that short course as an External student and must have complied with the Regulations in all respects, and have made satisfactory payment to the University of all due fees. The University reserves the right not to present a certificate to students who fail to satisfy any of these conditions.

2.8 A mark or grade awarded for a short course will not replace any mark or grade for a degree, diploma or certificate already awarded.

2.9 Unless the relevant Short Course Programme Regulations state otherwise, a student whose registration for a short course has been terminated because he or she has exhausted the permitted number of attempts at an examination may apply to register again as an External student for a short course or award in the same or different subject or field of study. All applications will be considered on an individual basis. Permission to register in these circumstances will be given at the discretion of the University and will be subject to any further conditions specified in these Short Course General Regulations or in the relevant Short Course Programme Regulations, or by the University.

3. Progression to a degree, diploma or certificate

Credit bearing short courses

3.1 Successful completion by formal assessment of a credit bearing short course or courses may be taken into account for admission to a related or unrelated Postgraduate degree, diploma or certificate.

3.2 Successful completion by formal assessment of a credit bearing short course or courses may be taken into account for credit towards the related Postgraduate degree, diploma or certificate, provided that the application is made within **three** years of the completion of the relevant course or courses.

3.3 Where indicated in the relevant Short Course Programme Regulations, a student who has successfully completed the formal assessment of the relevant credit bearing short courses may apply to receive any related awards provided they satisfy the requirements for those awards and the application is made within **three** years of the completion of the relevant short courses.

3.4 Successful completion of a credit bearing short course or courses does not in itself automatically satisfy entry requirements for any Postgraduate degree, diploma or certificate, or ensure credit.

3.5 All applications for progression from a credit bearing short course to a Postgraduate degree, diploma or certificate will be considered on an individual basis and permission to progress, and, where appropriate, to receive credit, will be at the discretion of the University.

3.6 A student who does not successfully complete the assessment for a credit bearing short course may be permitted to proceed to a degree, diploma or certificate **provided** he or she satisfies the entrance requirements for the degree, diploma or certificate concerned. Such students may be required to cancel their existing registration and to submit a fresh application for registration and comply with the Regulations for that degree, diploma or certificate.

Non-credit bearing short courses

3.7 The completion of a non-credit bearing short course or courses will not be taken into account for admission, or for credit, to a related or unrelated Postgraduate degree, diploma or certificate.

3.8 A student who is registered for a non-credit bearing short course or courses may apply to register for a degree, diploma or certificate provided he or she satisfies the entrance requirements for the degree, diploma or certificate concerned. Such students may be required to cancel their existing registration and to submit a fresh application for registration and comply with the Regulations for that degree, diploma or certificate.

4. Period of registration

4.1 Students registering for a short course will be registered for a maximum period of two years. There is no minimum period of registration, unless indicated otherwise in the relevant Short Course Programme Regulations.

4.2 Applications for a renewal of registration for a further two years, or for an extension of registration of one year beyond the prescribed maximum period, may be made by students who have not completed all the requirements for a short course for which they are registered. A fee may be payable.

4.3 Renewal of registration and extension of registration are approved only at the discretion of the University and will be subject to the General Regulations and Short Course Programme Regulations that are current at the time of renewal or extension.

4.4 Students who are permitted to proceed from a credit bearing short course to a Postgraduate degree, diploma or certificate will be given a new period of registration as an External student, effective from the date of registration for the degree, diploma or certificate concerned. The maximum period of registration permitted will be the same as for all other degree, diploma or certificate students registered for that programme, as indicated in paragraph 5 of the relevant Programme Regulations.

4.5 If a student fails to pay the appropriate fees or breaches any relevant disciplinary or conduct code, the University reserves the right to apply the *Code of Student Discipline* and *The Suspension and Termination of Registration of Students in Debt* process as described in the University of London Ordinances (Ordinance 17 and 18 respectively).

5. Assessment

5.1 The assessment of a short course or courses is governed by the Short Course General Regulations and the relevant Short Course Programme Regulations that is applicable at the time of the examination and **not** at the time that a student was initially registered or first attempted the examination/assessment concerned.

Credit bearing short courses

5.2 The assessment for credit bearing short courses varies and is as described in the relevant Short Course Programme Regulations.

5.3 Credit bearing short courses will be formally assessed using the forms of assessment associated with the appropriate level of postgraduate study.

5.4 Students may choose whether or not to be formally assessed in the credit bearing short course for which they are registered. Students who choose to be formally assessed will be examined to the same standard as that required by students registered for the related degree, diploma or certificate. All students must comply with the rules given in the Short Course Programme Regulations for those examinations, and may not make more than the number of attempts permitted.

5.5 In order to sit an examination, a student must:

- have completed the relevant application and registration/enrolment procedures with the University by the appropriate deadlines and be registered as an External student for the short course concerned **and**
- have made an examination entry in accordance with both the University's and the appropriate examination centre/Overseas Examination Centre's instructions and deadlines.

5.6 Except in the circumstances of paragraph 5.7, all examinations by written paper for the same short course, wherever held, will take place on the same date and at the same time. The University reserves the right to set different papers in the same subject in separate countries and in different time zones.

5.7 In the event of any unavoidable delay in the arrangement of examinations in a country other than the United Kingdom, the Overseas Examination Centre will arrange for the relevant papers to be taken with as little deviation as possible from the original dates assigned to them. Students are required to abide by any such revised arrangements. The University reserves the right not to mark a paper taken at a different time from that prescribed.

5.8 Where it is deemed necessary, Examiners may change the format or rubric of a written paper, from that of a previous year, without prior notice to students.

5.9 Except where the syllabus/course outline or rubric for a written paper for a particular short course indicates otherwise, all answers to examinations must be written in English.

Examination centres

5.10 Examinations by written paper are held at established examination centres worldwide.

5.11 Outside the United Kingdom and Republic of Ireland, examinations are conducted by independent bodies known as Overseas Examination Centres.

5.12 In countries where an established Overseas Examination Centre exists, students must use the facilities provided by that Centre. The University will not establish an alternative centre in those countries.

5.13 All examinations are held at the discretion of the examination centre/Overseas Examination Centre and are subject to any conditions they may impose.

5.14 Students are required to apply to the relevant examination centre/Overseas Examination Centre for permission to sit an examination. The University can accept no responsibility for making examination arrangements on behalf of a student. It is entirely at the discretion of the examination centre or Overseas Examination Centre to accept or refuse an entry to an examination.

5.15 A fee is normally levied by all examination centres (other than London) and Overseas Examination Centres. This fee is payable by students each time they make an examination entry. The University cannot be responsible for this fee nor can it influence the level of fee charged.

Non-credit bearing short courses

5.16 The assessment for non-credit bearing short courses varies and is as described in the Short Course Programme Regulations. There is **no** formal assessment for non-credit bearing courses.

5.17 Students may choose whether or not to be assessed in the non-credit bearing short course for which they are registered. All students who choose to be assessed must comply with the rules and deadlines given in the Short Course Programme Regulations for the assessment.

5.18 All forms of assessment must be written in English, unless the Short Course Programme Regulations state otherwise.

5.19 In addition to paragraph 5, students are required to comply with the rules on the conduct of examinations given in paragraph 8 of these Regulations.

6. Number of attempts permitted

6.1 A student who fails to satisfy the Examiners in an examination at the first attempt will be permitted to make one further attempt at that examination. The maximum number of attempts permitted at any examination for a short course is **two**.

6.2 A student who enters an examination hall to attempt a written paper will be considered to have made an examination attempt. Unless otherwise stated in the Programme Regulations, absence from an examination will not count as an attempt

6.3 The mark or grade awarded for a second attempt at an examination will supersede any previously awarded mark or grade for that examination, unless otherwise indicated in the relevant Short Course Programme Regulations.

6.4 If a student fails to satisfy the Examiners at a second attempt at any examination his or her registration for the short course concerned will cease.

6.5 Except as otherwise provided for by the University, students may not make a further attempt at the examination for a short course that has been passed.

7. Students with a disability and/or special needs

7.1 The University has a policy for External students with a disability and/or special needs and a statement explaining this policy is given on the External System web site.

7.2 As part of its policy, the University will make every reasonable effort to accommodate the requirements of a student with a disability and/or special needs by, wherever possible, providing any study materials in a different format (e.g. large print) or another medium, and/or by making special examination arrangements. If the University is unable to provide the study materials in the format which has been requested, the University will endeavour to make an alternative suggestion.

Special examination arrangements

7.3 The University has a Panel which considers special examination arrangements for students with a disability and/or special needs. The aim of the Panel is to make sure that a student with a disability and/or special needs is neither disadvantaged nor advantaged when compared to other students. The University cannot guarantee that special examination arrangements will be possible in every case.

7.4 Applications from students with a disability and/or special needs may be considered for the use of special aids or for extra time in the examinations.

7.5 Special arrangements for examinations at an ad hoc centre may be made in very exceptional circumstances and then only in the United Kingdom. Arrangements cannot be made for oral or practical examinations to be held at an ad hoc centre, although in exceptional cases it may be possible to permit the use of special aids. Arrangements for examinations in a student's home are not made. Additional fees may be payable for arrangements at an ad hoc centre.

7.6 A student who finds handwriting difficult due to medical or learning difficulties must apply to the University for special arrangements to be made. The University will not transcribe illegible scripts. Any script deemed illegible by the Board of Examiners will be assigned a mark of zero and a fail result will be given. This will count as an attempt at the examination.

8. Conduct of examinations

8.1 All students are required to comply with the rules governing the conduct of examinations given below, and for credit bearing short course students, in the Notice to Candidates accompanying the Admissions Notice.

Representations about examinations

8.2 Students who wish the Board of Examiners to know of any illness or other adequate cause which they think may have affected their performance must immediately inform the Examinations Office and furnish a supporting medical certificate or other supporting certification obtained at the time of illness. Notification received more than three weeks after the date of the last examination will not be taken into account by the Examiners.

8.3 Appeals against the results of examinations may not be made on academic grounds. The University will consider representations concerning examination results made on the

grounds of administrative error or where there is concern that the examination may not have been conducted in accordance with the relevant Instructions and/or Regulations. An administration fee (currently £50 per paper) is payable for the consideration of such representations (refundable in the event that an error is found). Any representation must be made within one month of the publication of the decision of the Board of Examiners to which it relates and should be addressed to the Head of Special Examination Services and be accompanied by payment of the administration fee. Representations must state the grounds on which the appeal is made and provide evidence to support it. Further information on the procedure may be obtained from the Head of Special Examination Services.

Permitted materials

8.4 A student may use in the examination only such books, notes, statutes, statistical tables, instruments, or other materials as are specifically permitted in the relevant Short Course Programme Regulations and/or the Admission Notice/timetable. No other books, notes, instruments, or other materials or aids whatsoever may be introduced into an examination room or be handled or consulted during an examination. Any such materials or aids in the possession of a student on entry to the examination room must be deposited immediately with the Invigilator before the examination starts. It is an examination offence to introduce unauthorised materials into the examination room.

8.5 The use of calculators in the examinations is strictly controlled. Students may use their own electronic calculators in the examinations provided that:

- the relevant Short Course Programme Regulations permit this
- the calculator complies with the specification given in paragraph 8.6
- Where no such permission is given in the Short Course Programme Regulations, calculators may **not** be used.

8.6 Where calculators are permitted, the following specification will apply, unless the relevant Short Course Programme Regulations state otherwise:

- Non-programmable. The use of a calculator or other electronic device that communicates, stores textual or numerical information, or displays textual (except error) messages, graphical or algebraic information is strictly forbidden. The use of a calculator with alphabet and/or symbol keys not listed below is strictly forbidden.
- PDA's, mobile phones or other devices are forbidden
- Hand held
- Compact
- Portable
- Solar and/or battery powered
- Quiet in operation
- The use of calculators with the following symbols and functions **only** are permitted:
 - Digit keys 0 to 9 and decimal point;
 - Keys for basic arithmetical functions of addition, subtraction, multiplication, division and equals;
 - Percentage key;
 - Square root key;
 - Basic 3 key memory (MRC, M-, M+);
 - Clear keys (C, AC);
 - On/off key.

8.7 The use of any calculator other than the type specified in the paragraph 8.6 of the Short Course General Regulations, or in paragraph 6 of the Short Course Programme Regulations, will constitute an examination offence and will be subject to the provisions in paragraph 8.16 of these regulations. Students are responsible for ensuring that their calculators are in working order for the examination. Students must ensure that they have alternative means of calculation in the event of the calculator failing during the examination, either through the use of a second calculator, which also complies with the specification given in the relevant Short Course Programme Regulations, or to continue the examination without the use of a calculator. If students use electronic calculators in examinations they must indicate on their examination scripts the name and type of machine used. Calculators will **not** be provided by the University.

Examination offences

8.8 It is an examination offence to introduce into, or use in the examination room, unauthorised materials or aids. Any unauthorised materials or aids brought into an examination room and not deposited with the Invigilator (see paragraph 8.4) must be surrendered to the Invigilator on request. Any materials or aids so surrendered may be handed over by the Invigilator to the University which may make copies of them. The original materials or aids (together with all such copies) may be retained by the University at its absolute discretion.

8.9 Students must not pass any information from one to another during an examination of a written paper. A student may not act in collusion with another student or any other person, nor copy from another student, nor engage in any similar activity. Any of these activities constitutes an examination offence.

8.10 Plagiarism is the presentation of another person's thoughts or words as if they were the student's own: for example, copying from text books and other sources (including the Internet) without due acknowledgement that the passages quoted are copied and without giving the source of those passages (see paragraph 8.12). Plagiarism is an examination offence.

8.11 All work submitted as part of the requirements for any examination must therefore be expressed in the student's own words and incorporate his or her own ideas and judgements.

8.12 Direct quotations from the published or unpublished work of another person must always be clearly identified as such and a full reference to the source must be provided in the proper form. A series of short quotations from several different sources, if not clearly identified as such, constitutes plagiarism in the same way as an unacknowledged quotation from a single source. Equally, if another person's ideas or judgements are summarised, the student must refer to that person in the text, and give details of the work to which reference is made. Further instructions on acknowledging other people's work and the extent to which other sources may be quoted is given in student handbook.

8.13 It is an examination offence to submit work which has been written jointly by two or more persons, unless expressly permitted in the Short Course Programme Regulations or student handbook.

8.14 Assignments, essays, projects, reports, dissertations and other similar work must therefore be the student's own work and must be written without the assistance of other people, except where expressly permitted in the Short Course Programme

Regulations or student handbook. Students will be required to submit a signed declaration for all such work submitted, stating that they understand what is meant by plagiarism, and confirming that the work submitted is entirely their own and that the use of published or unpublished works of other people has been acknowledged in accordance with the University's requirements.

8.15 It is the responsibility of the student to safeguard his or her assignments, essays, projects, reports, dissertations and other similar work and to prevent them from being copied by other students.

8.16 The examination offences listed in the foregoing paragraphs will be treated as cheating or irregularities of a similar character under the provisions of the Regulations for Proceedings in respect of Examination Offences by Candidates for University Awards, except as otherwise provided for in the Short Course Programme Regulations or student handbook. Under the Regulations for Proceedings in respect of Examination Offences by Candidates for University Awards students found to have committed an offence may have the results of their examinations withheld, and may be excluded from all future examinations of the University. A copy of these Regulations may be obtained from the Head of Special Examination Services.

Other matters

8.17 The University reserves the right to require students sitting an examination for a written paper to remain within the examination hall or its precincts for the duration of the relevant paper.

8.18 All examination scripts are the property of the University and will not be returned to students. Answers to assignments, essays, course projects and other similar work written in the student's own time will only be returned to the student as described in the relevant short course programme manual. Final reports on research projects or dissertations will not be returned to students, unless indicated otherwise in the Short Course Programme Regulations.

8.19 All question papers will be retained by the University.

9. Fees

9.1 Students are required to pay the fees that are due in any particular year in full at the time when they fall due. Fees must be paid in accordance with the University's procedures and deadlines given in the prospectus and the relevant Short Course Programme Regulations.

9.2 The University reserves the right to amend previously announced fees. The University also reserves the right to make additional charges.

9.3 Students who are permitted to proceed from a short course to a Postgraduate diploma, degree or certificate (see paragraph 3) will be required to pay the registration fee for the diploma, degree or certificate and the fee for the remaining subjects.

9.4 Students who are permitted to renew their registration at the expiry of the initial period of registration (see paragraph 4.2) will, as applicable, be required to pay a further fee for the relevant short course concerned.

Refunds

9.5 Fees will only be refunded in exceptional circumstances and at the discretion of the University. All refunds will be subject to an administrative charge determined by the University.

9.6 Examination re-entry fees, where applicable, are not refundable nor can they be transferred from one examination to a later one. A student is liable for the full fee at any subsequent entry, in accordance with the Regulations then in force.



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