



UNIVERSITY OF LONDON
External System

REGULATIONS

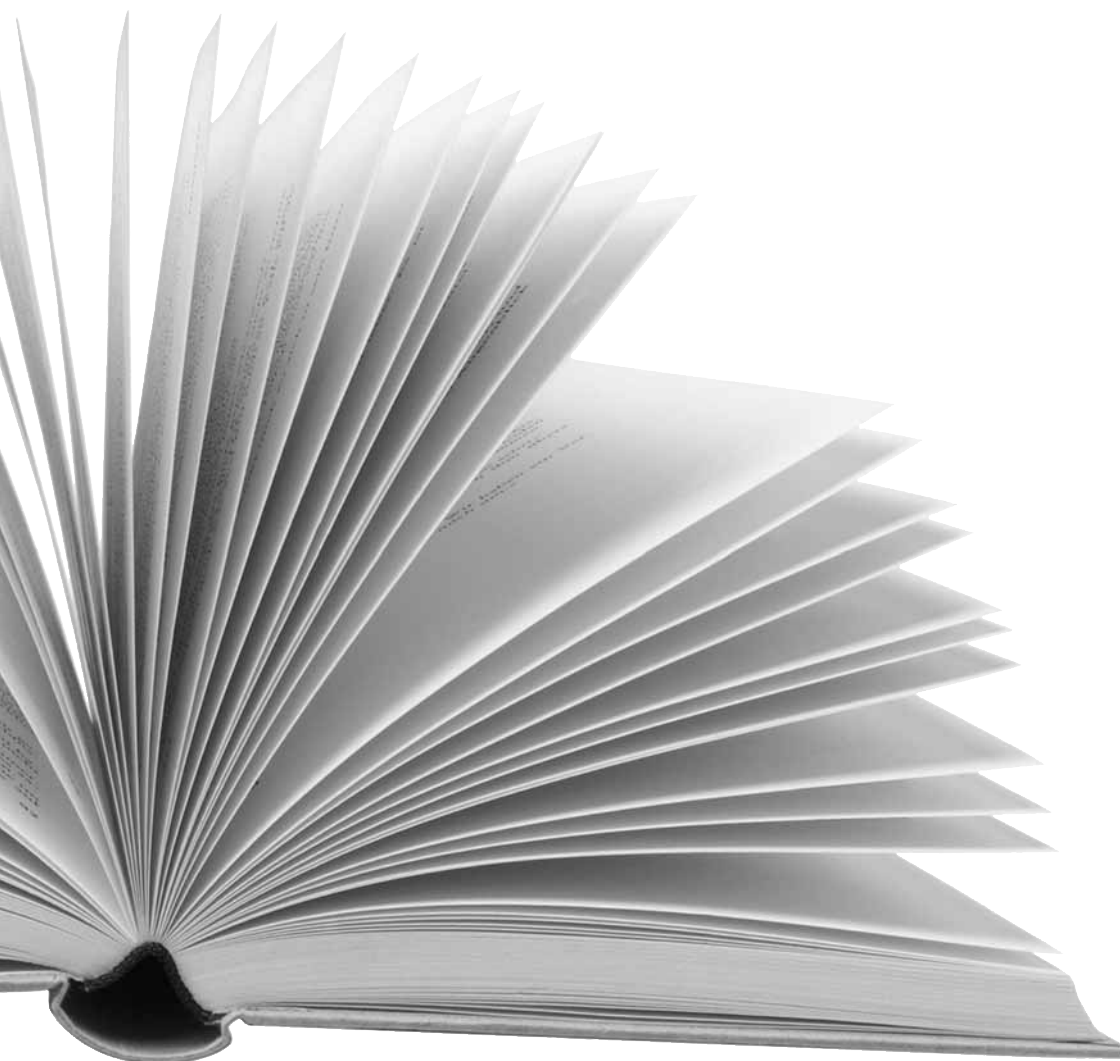
2008–09

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

Work Experience Entry Route to the BSc in Computing and Information Systems and BSc in Creative Computing

(Formerly known as the Mature Entry Route)



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.

Copies of the publications, proceedings and other documentation referred to in these Regulations may be obtained, on request, from the External System.

These Regulations may not be reproduced except with the written permission of the University of London External System.

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Work Experience Entry route to the BSc degree in Computing and Information Systems and BSc degree in Creative Computing

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Regulations

1. Introduction

1.1 The University offers a Work Experience Entry route to the BSc degree in Computing and Information and a Work Experience Entry route to the BSc degree in Creative Computing. Study for the Work Experience Entry routes is controlled by these Regulations.

1.2 The Work Experience Entry route is not an award of the University. It provides an opportunity for students who may not satisfy the University's entrance requirements for the BSc degree in Computing and Information Systems or the BSc degree in Creative Computing to gain access to these degrees. Students who successfully complete the Work Experience Entry route by passing the equivalent of two full units (see paragraph 3) will be deemed to have satisfied the entrance requirements for the related degree and will be credited with these units.

1.3 The Work Experience Entry route gives automatic access to the BSc degree in Computing and Information Systems or the BSc degree in Creative Computing as appropriate, but does **not** give automatic access to any other award of the University.

1.4 Students who successfully complete the Work Experience Entry route by passing both relevant units will be issued with a certificate.

1.5 The examinations for the Work Experience Entry route, and the standard to which they are marked, are the same as for the Level 1 units of the BSc degree in Computing and Information Systems and the BSc degree in Creative Computing. The standard of the examinations for External students is the same as that required of students enrolled at individual Colleges or Institutes of the University. The Ordinances and Regulations of the University state that '*candidates granted degrees shall have attained the same academic standard irrespective of mode or place of study or examination*'.

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

1.7 The rules relating to the Work Experience Entry route 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 1.11).

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

1.9 The University reserves the right not to publish the examination results of students who fail to satisfy any of the conditions outlined in these Regulations.

Changes to the Regulations

1.10 The Regulations are reviewed and published annually, and are subject to change.

1.11 Two years' notice will normally be given to registered students of any major amendments to the Regulations. Five years' notice will be given to registered students should the University be required to withdraw the Work Experience Entry route to the BSc degree in Computing and Information Systems or to the BSc degree in Creative Computing.

Student complaints procedure

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

2. Conditions for registration

2.1 To be eligible to register for the Work Experience Entry route a student must satisfy the entrance requirements given in paragraph 5.

2.2 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.

2.3 A student whose registration as an External student for the Diploma or BSc degree in Computing and information Systems or the Diploma or BSc degree in Creative Computing has been terminated, because the student has exhausted the number of permitted attempts at an examination and cannot proceed, will **not** be permitted to register for the Work Experience Entry route.

2.4 A student who has been awarded the Diploma in Computing and Information Systems or the Diploma in Creative Computing will **not** be permitted to register for the Work Experience Entry route.

2.5 A student who has successfully completed the Work Experience Entry route is **not** permitted, as an External student, under these or any other Regulations, to enter examinations again for the same or equivalent units as those passed.

Transfer of registration

Transfer to another Work Experience Entry route

2.6 Students registered for the Work Experience Entry route in Computing and Information Systems or the Work Experience in Creative Computing may apply to transfer their registration to the other Work Experience Entry Route.

2.7 Students may apply to transfer their registration up until the point that they have satisfied the requirement for the Work Experience Entry Route for which they are currently registered.

2.8 Any common units will be credited to the student and the mark achieved carried over. A student who has failed a unit at the first or second attempt will be permitted to carry over the number of remaining attempts for that unit.

2.9 Marks for units which are **not** common to both Work Experience Entry routes will not be carried over on transfer. Students will be required to forfeit these units.

2.10 Students must, on transfer, take **any** new units required which have not previously been completed. (See paragraph 3 for details of the structure of each route.)

Transfer to the Work Experience Entry route from another programme of study

2.11 External students registered for the Diploma or BSc degree in Computing and Information Systems or the Diploma or BSc degree in Creative Computing will **not** be permitted to transfer their registration to the Work Experience Entry route under any circumstances.

2.12 Students registered for awards other than the Diploma or BSc degree in Computing and Information Systems or the Diploma or BSc degree in Creative Computing may apply to transfer to the Work Experience Entry route, provided they satisfy the requirements of paragraph 5.2.

2.13 Students who are not permitted to transfer but who wish to register for the Work Experience Entry route must cancel their registration for the other programme of study and apply to register afresh for the Work Experience Entry route, subject to satisfying the requirements of paragraph 5.2 and provided they are not excluded by the provisions of paragraphs 2.3 or 2.4. Students who are permitted to register afresh in this way:

- will **not** be permitted to carry credit for any units previously passed either to the Work Experience Entry route or, in the event of a subsequent transfer, to the degree of Computing and Information Systems or Creative Computing **and**
- will **not** be permitted to carry any failed attempts at units from their previous registration.

Transfer from the Work Experience Entry route to another programme of study

2.14 Students registered for the Work Experience Entry route who wish to proceed to the BSc degree in Computing and Information Systems or Creative Computing by transferring their registration may do so provided they satisfy the conditions in paragraph 4.

2.15 Students registered for the Work Experience Entry route (or a student who successfully completes the Work Experience Entry route) will **not** be permitted to transfer their registration to another programme of study within the University of London External System, other than the BSc degree in Computing and Information Systems or the BSc degree in Creative Computing, under any circumstances. Students who wish to register for another programme will be required to cancel their registration for the Work Experience Entry route and apply to register afresh, subject to satisfying the entrance requirements given in paragraph 4 of the Programme Regulations concerned. There is no provision for students to carry credit in these circumstances.

3. Programme of study

3.1 The Work Experience Entry route for the BSc degree in Computing and Information Systems comprises **two** full units as follows:

2910108 Information systems: foundations of e-business

2910109 Introduction to Java and object oriented programming

3.2 The Work Experience Entry Route for the BSc degree in Creative Computing comprises **two** full units as follows:

2910109 Introduction to Java and object-oriented programming

2910112 Creative computing I: image, sound and motion

3.3 No exemption can be awarded from any unit of the Work Experience Entry route.

3.4 Students may not re-enter the examination for a unit in which they have already passed.

4. Rules of progression

4.1 Within the limits set out in paragraph 3 and Schedule A, students may take the two full units required in any order.

4.2 Students are not required to attempt an examination every year. In any year in which they choose to enter an examination, a student may attempt:

- one *new* full unit

or

- two *new* full units

or

- one *new* full unit and one *re-sit*

or

- up to two *re-sits*

Progression to the degree in Computing and Information System and the degree in Creative Computing

4.3 A student who has successfully completed the Work Experience Entry route by passing the relevant two full units will be deemed to have satisfied the entrance requirements for the BSc degree in Computing and Information Systems or the BSc degree in Creative Computing and may progress to this degree by applying to transfer his or her registration.

4.4 A student registered for the Work Experience Entry route who has not successfully completed the Work Experience Entry route may transfer to the BSc degree in Computing and Information Systems or the BSc degree in Creative Computing **provided** that he or she satisfies the entrance requirements for the degree.

4.5 Students who transfer to the BSc degree in Computing and Information Systems or the BSc degree in Creative Computing will be credited with the same units passed as part of the Work Experience Entry route.

4.6 Students who transfer will not be allowed to enter or re-enter for a unit for which credit has been awarded.

5. Entrance requirements

Application

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

Entrance requirements

5.2 To be eligible to register for the Work Experience Entry route an applicant:

- must have passed a minimum of four subjects (which must include mathematics) at Grade C or above at GCSE/GCE O Level or an equivalent examination **and**
- must normally be 21 years old before 1 September in the year that he or she registers **and**
- must normally have at least two years' relevant work experience **and**
- must provide proof of competence in English which is acceptable to the University.

6. Period of registration

6.1 The minimum period of registration is **one** year from the effective date of a student's registration for the Work Experience Entry route. No reduction in the prescribed minimum period of registration is permitted.

6.2 The maximum period of registration is **three** years from the effective date of registration, subject to payment of the required continuing registration fees.

6.3 Renewal of registration beyond the maximum period of three years will be permitted only in exceptional circumstances and with the special permission of the University.

6.4 A student who transfers to the BSc degree in Computing and Information Systems or the BSc degree in Creative Computing will be given a **new** maximum period of registration of eight years for the degree. This will be effective from **1 September** in the year that the student transfers.

6.5 Students are required to maintain their registration by payment of a continuing registration fee (see paragraph 11). This fee is payable by **1 September** in the year in which it is due. The registration of a student who does not pay this fee by the due date will be deemed to have lapsed. Registration may be reinstated upon payment of all outstanding continuing registration fees. Alternatively, a student may opt to cancel his or her registration and pay a new registration fee, receiving a new registration period of three years. At its discretion, the University may require a student who wishes to continue his or her studies to take one or the other of these options. In either case, attempts at examinations, whether successful or otherwise, will remain valid and will count towards the number of attempts at that examination, as appropriate.

6.6 The University reserves the right to apply The Disciplinary Procedure and The Suspension and Termination of Registration of Students in Debt process as described in the University of London Ordinances (Ordinances 26 and 28 respectively).

Effective date of registration

6.7 A student's effective date of initial registration for the Work Experience Entry route will be **1 September**.

6.8 Students whose *effective* date of initial registration is on or before **1 September** in any year may enter examinations in the following year.

7. Assessment

Method of assessment

7.1 Details of the assessment for each unit is given with the unit outlines in Schedule A.

7.2 The assessment for all units is a combination of an unseen written paper and coursework. Students must satisfy the Examiners in both elements of the assessment.

Examination arrangements

7.3 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.

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

- have completed the relevant application and registration procedures with the University by the appropriate deadlines and be registered as an External student for the Work Experience Entry route **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.

7.5 Except in the circumstances of paragraph 7.6, 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.

7.6 In the event of any unavoidable delay in the arrangement of examinations in a country other than the United Kingdom, the Overseas 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.

7.7 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.

7.8 All answers to examinations must be written in English.

Examination centres

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

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

7.11 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.

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

7.13 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.

Date of written paper examinations

7.14 Examinations by written paper will take place on one occasion each year, normally commencing at **the beginning of May**.

Coursework arrangements

7.15 Students entering examinations must be examined in all elements of the examination prescribed for that unit in the same year. Where the examination for a unit involves assessed coursework, the relevant assignments, which must be those set for the year of the examination, must be completed in the twelve months prior to the examination of the unit in question and submitted in accordance with the instructions and deadlines given in booklets issued to all registered.

7.16 The result given for a unit where coursework is required will be a combination of the mark for the written paper and the mark for the coursework. The mark for the coursework is obtained by totalling the marks obtained for each piece of coursework received and dividing that figure by the number of assignments set for that unit. The ratio of unseen written paper to coursework is 80:20 for all units.

7.17 In order to successfully pass a unit, students must achieve an average mark of at least 30% for the coursework and a mark of at least 30% for the written paper and the overall weighted average for the unit must be at least 35%.

7.18 Students who fail to submit the required coursework for a unit will normally be judged not to have completed the examination and will receive no mark for their performance in the written paper. Students who submit the required coursework but fail to sit the written paper for a unit will normally be judged not to have completed the examination and will receive no mark for their performance in the coursework.

7.19 Students must submit **at least one** assignment in order not to be excluded from the unseen written paper, but students **will** need to submit and successfully complete enough assignments to pass the coursework element of the unit. Submission of any assignment for a unit will validate a student's entry for that unit.

Coursework submission

7.20 Where the examination for a unit involves assessed coursework, coursework must be sent to the University by the following dates:

- **15 January, 15 February, 15 March and 8 April**

7.21 Coursework sent after the deadline normally receives a mark of zero but counts as an attempt.

8. Number of attempts permitted

8.1 The maximum number of attempts permitted at an examination for any unit is **three**.

8.2 The mark awarded for a second or subsequent attempt at an examination will receive a final mark which is the arithmetic mean of the mark actually achieved on that occasion and the minimum pass mark of 35%.

8.3 A student who has attempted both elements of the examination may, at the discretion of the Board of Examiners, be credited with one of these elements and required to complete the unit by passing in the remaining element at the next available examination.

8.4 If, on the third occasion that a student sits an examination, he or she receives the result 'Fail', his or her registration for the Work Experience Entry route will cease.

8.5 A student whose registration has been terminated under paragraph 8.4 will not be permitted to re-register for the Work Experience Entry route.

8.6 Except as otherwise provided for by the University, students may not make a further attempt at a unit already passed. A student who, on successful completion of the Work Experience Entry route, transfers to the BSc degree in Computing and Information Systems or the BSc degree in Creative Computing, will not be permitted to enter for any unit (or *equivalent* unit) with which he or she has been credited.

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.

Special examination arrangements

9.3 The University has a Panel which considers special examination arrangements for students with special needs. The aim of the Panel is to make sure that a student with 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 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.

Representation about examinations

10.2 A student who wishes the Board of Examiners to know of any illness or other adequate cause which he or she thinks may have affected his or her performance must **immediately** inform the Examinations Office and submit 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 at the address given in the Student handbook, and should 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, statistical tables, instruments, or other materials as have been specifically permitted. 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 bring unauthorised material into the examination room.

10.5 For certain units, students are provided with materials, such as graph paper or statistical tables, for use in the examination. When such materials have been provided for the examination in the previous year, this is indicated in the Notes at the end of the relevant syllabus in Schedule A. The use of these materials is subject to change and students will receive notice of the examinations in which materials will be provided with the admission notice/timetable.

10.6 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. 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. Calculators will not be provided by the University.

Examination offences

10.7 Any unauthorised materials or aids brought into an examination hall and not deposited with the Invigilator must be surrendered to the Invigilator on request. Any aids so surrendered may be handed over by the Invigilator to the University which may make copies of them. The original aids (together with all such copies) may be retained by the University at its absolute discretion.

10.8 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.

10.9 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 10.11). Plagiarism is an examination offence.

10.10 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.

10.11 Direct quotations from the published or unpublished work of another 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, as applicable, in student handbooks.

10.12 It is an examination offence to submit work which has been written jointly by two or more persons, except where expressly permitted by the University.

10.13 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 by the University. 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.

10.14 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.

10.15 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 these 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 Special Examination Services.

Other matters

10.16 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.

10.17 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 elsewhere (as applicable) in these Regulations.

10.18 All question papers will be retained by the University.

11. Fees

11.1 The following fees are payable to the University for the Work Experience Entry route:

- **application handling fee:** payable by all applicants in order to be considered for registration
- **registration fee:** payable by applicants who are accepted for the Work Experience Entry route, in order to be registered as an External student
- **continuing registration fee:** payable by 1 September in the second and subsequent year of registration, in order to maintain registration
- **examination entry fee:** in order to be entered for an examination (see also paragraph 11.3)
- **Work Experience entry transfer fee:** payable by a student who successfully completes the Work Experience Entry route and transfers to the degree in Computing and Information Systems or the degree in Creative Computing, in accordance with paragraphs 2.10 and 2.11.

11.2 The fees payable to the University in 2008-2009 are as follows:

Application handling fee	£56
Registration fee	£272
Continuing registration fee	£263
Examination entry fee (per full unit)	£220
Work Experience Entry transfer fee	£535

11.3 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.

11.4 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 (as applicable).

11.5 The University reserves the right to amend previously announced fees.

11.6 Students who are permitted to renew their registration at the expiry of the three year period (see paragraph 6.3) will be required to pay a further registration fee when renewing their registration and will be liable to payment of the continuing registration fee under the Regulations in force at that time.

Refunds

11.7 The application handling fee is **not** refundable.

11.8 Registration and continuing 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 the student is responsible, a proportion of the registration and any continuing registration fees which have been paid will be refunded at the discretion of the University provided that:

- the application is made within **two** years of the effective date of registration
- the student has not already entered an examination for the Work Experience Entry route
- such medical or other evidence as may be required is submitted.

11.9 Examination entry fees 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.

Schedule A / Unit outlines

Work Experience Entry Route to the BSc in Computing and Information Systems

Two compulsory units:

Information systems: foundations of e-business [2910108]

(full unit)

The challenge of applying IT successfully; basic concepts for understanding systems commerce; business processes; information and databases; communication, decision making, and different types of information systems; product, customer and competitive advantage; human and ethical issues; computer hardware; software, programming and artificial intelligence; networks and telecommunications; information systems planning; building and maintaining information systems; information system security and control; the future of information systems; customer relationship management.

Assessment: One three-hour unseen written paper and coursework.

Introduction to Java and object-oriented programming [2910109]

(full unit)

Basic Types and Expressions; Assignment Statements; Loops and Conditionals (Simple and Nested); Handling Simple I/O; Objects and Classes; Methods with and without parameters; Inheritance; Constructor Methods (and the use of 'new'); Method Overloading; Method Overriding; Arrays and simple sorting; Basic File Handling; Try and Catch (Simple Exception Handling); Implementing Simple Graphical User Interfaces; Incorporating Applets in a Web page; Simple built-in Dynamic Structures - Vectors; Types vs. Classes;

Scope of Variables; Code Layout and Documentation.
Assessment: One three-hour unseen written paper and coursework.

Work Experience Entry Route to the BSc in Creative Computing

Two compulsory units:

Introduction to Java and object-oriented programming [2910109]

(full unit)

Basic Types and Expressions; Assignment Statements; Loops and Conditionals (Simple and Nested); Handling Simple I/O; Objects and Classes; Methods with and without parameters; Inheritance; Constructor Methods (and the use of 'new'); Method Overloading; Method Overriding; Arrays and simple sorting; Basic File Handling; Try and Catch (Simple Exception Handling); Implementing Simple Graphical User Interfaces; Incorporating Applets in a Web page; Simple built-in Dynamic Structures - Vectors; Types vs. Classes; Scope of Variables; Code Layout and Documentation.

Assessment: One three-hour unseen written paper and coursework.

Creative Computing I: image, sound and motion [2910112]

(full unit)

The Bauhaus; History of mathematics and computing in creativity; Multimedia; Point, Line, Plane; Trigonometry 1; Animation 1; Bits and Pixels; Motion 2; Perspective, Projections and Affine Transformations; Open GL; Genetic programming; Simulation; Filters and Special Effects.

Assessment: One three-hour unseen written paper and coursework.

Schedule B / Mark scheme

Units are marked according to the following scale:

Mark range	Result
35 and over	Pass
0 - 34	Fail

1. A student is required to be examined in **two** full units.
2. In order to successfully complete the Work Experience Entry route and be considered for transfer to the BSc degree in Computing and Information Systems or the BSc degree in Creative Computing, a student must pass both relevant units (see also paragraph 4.3 of the Regulations).
3. A student passing an examination of either unit at the second or third attempt will receive a final mark which is the arithmetic mean of the mark actually achieved on that occasion and the minimum pass mark of 35%.
4. In order to successfully pass a unit, students must achieve an average mark of at least 30% for the coursework and a mark of at least 30% for the examination and their overall weighted average for the unit must be at least 35%.

Schedule C / Assessment criteria

Examination scripts and coursework are marked according to the following scale.

Mark range	Class equivalent
70 and over	EXCELLENT Demonstration of a thorough grasp of relevant concepts, methodology and content appropriate to the subject discipline; indication of originality in application of ideas, in synthesis of material or in performance; insight reflects depth and confidence of understanding the material.
60 – 69	VERY GOOD Demonstration of a sound level of understanding based on a competent grasp of relevant concepts, methodology and content; display of skill in interpreting complex material; appropriate organisation of material.
50 – 59	GOOD Demonstration of an adequate level of understanding of relevant concepts, methodology and content; display of sufficient skills to tackle some complex problems; appropriate organisation of material.
40 – 49	ACCEPTABLE Demonstration of a limited level of understanding of relevant concepts, methodology and content; clear if limited attempt to tackle problems; display of some skills in organisation of material.
35 – 39	WEAK Does not satisfy the requirements for Honours level performance, but displays some understanding of concepts, methodology and content.
0 - 34	FAIL Work is deficient in most respects, revealing insufficient gaps of material and poor organisation, inability to identify and address the task required.



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