



University
of Glasgow

Calendar 2008-09

FACULTIES OF SCIENCE

DEANS:

Faculty of Biomedical & Life Sciences

Professor P Hagan BSc PhD FRSE

Faculty of Information & Mathematical Sciences

Professor D Fearn BSc PhD FRSE CMath FIMA

Faculty of Physical Sciences

Professor J Chapman MA PhD FRSE FInstP

Principal Adviser of Studies: I Allison BSc MSc DIC PhD

DATES OF SEMESTERS

Semester 1: 22nd September 2008 - 19th December 2008

Christmas Vacation: 22nd December 2008 - 9th January 2009

Semester 2: 12th January 2009 - 29th May 2009

Spring Vacation: 30th March 2009 - 17th April 2009

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NOTICE

Science comprises three Faculties: Biomedical & Life Sciences, Information & Mathematical Sciences and Physical Sciences.

For further information on any matter concerning degree regulations or appeals procedures, contact the Science Faculties Support Unit, level 3, Boyd Orr Building.

I UNDERGRADUATE ENTRY TO FACULTIES

Before applying for admission to the Faculties of Science, all applicants should consult the most recent edition of the University's *Undergraduate Prospectus*, which sets out the normal qualifications required for admission, describes the application procedure, summarises the degree regulations and courses offered, and gives general information about the University. The *Prospectus* is available in most U.K. schools, online at www.glasgow.ac.uk/undergraduate/prospectus or it may be obtained from The Student Recruitment and Admissions Service, University of Glasgow, Glasgow G12 8QQ, Scotland.

II APPEALS BY STUDENTS

The Senate is charged by the *Universities (Scotland) Acts* with a duty to superintend the teaching of the University. This is understood to include examining. The Senate has authorised the establishment of Faculty Appeals Committees to hear appeals in the first instance, as specified in the Code of Procedure for Appeals to a Faculty Appeals Committee.

A student may further appeal from the decision of the relevant Faculty Appeals Committee to the Senate.

Any appeal giving all the grounds of that appeal must be despatched in writing to the Clerk to the Science Faculties, or to the Director of the Senate Office, as appropriate, within 10 working days of the intimation to the student of the decision against which he or she is appealing.

Students are advised to consult the Science Faculties' Clerk, Boyd Orr Building, before lodging an appeal to the Faculty Appeals Committee and the Director of the Senate Office, before lodging an appeal to the Senate Appeals Committee.

The Code of Procedure for Appeals to a Faculty Appeals Committee and the Code of Procedure for Appeals to the Senate are set out in that section of the University *Calendar* entitled 'University Fees and General Information for Students', which is available online at www.glasgow.ac.uk/senate/calendar. Copies are also available for students to consult in the Science Faculties Support Unit, Boyd Orr Building.

III UNDERGRADUATE DEGREES IN THE FACULTIES OF SCIENCE

Resolution 582 The provisions of this Resolution, which at the time of going to print are in draft form, are as follows:

1. All undergraduate degrees of the University of Glasgow except those listed in §20 of the section entitled 'Regulations' below may be governed by common regulations (the Generic Undergraduate Regulations) and by supplementary regulations specific to each degree.
2. The Senate may make such Generic Undergraduate Regulations, which are subject to the approval of the University Court – these are stated in §1 - §19 of the section entitled 'Regulations' below.

REGULATIONS

1. Introductory and Definitions

These regulations must be read together with each degree's supplementary regulations and each degree programme's programme specification. The definitions set out in the Glossary of Terms (www.glasgow.ac.uk/senate/academic/policies/03-07-E240304.html) apply to these regulations.

2. Scope of Regulations

These regulations apply to all undergraduate degrees offered by the University of Glasgow other than those listed in §20.

3. Duration of Study

A candidate for a degree shall, subject to §4, normally attend the University of Glasgow either full-time or part-time for at least the number of academic sessions indicated as a minimum in the table below. The candidate must normally complete his or her studies for the award of a degree within the number of sessions indicated as a maximum in the degree's supplementary regulations.

Type of degree	Minimum duration of study (academic sessions)	
	Full-time	Part-time
Ordinary/designated degree ¹	3	4
Honours degree	4	5
MA Honours language degree	5	7
Integrated Masters degree ²	5	6
BVMS, MBChB, BDS	5	N/A

4. Recognition of Prior Learning

- 4.1 Credit may be awarded towards the completion of a degree programme for courses or examinations satisfactorily completed while following another programme at the University of Glasgow or at another institution or, where indicated in the degree's supplementary regulations, for other examinations satisfactorily completed. Such credit may permit a candidate entry to the second or subsequent year of the degree programme. The maximum limit for the award of such credit is, other than in exceptional circumstances and with the approval of the Clerk of Senate, 50% of the credits associated with the degree programme.
- 4.2 Although appropriate prior learning may be recognised for the award of credit, all such credit is ungraded for the purposes of the University except that credit obtained in earlier study at the University of Glasgow may be graded.
- 4.3 Graded credit may be awarded for study undertaken at an institution other than the University of Glasgow where this is done while registered for a degree programme at the University of Glasgow.

5. Recognition of Prior Experiential Learning

Where indicated in the degree's supplementary regulations, a candidate may be awarded credit for prior experiential learning. The procedure for approval of such credit is set out in the policy which can be found at: www.glasgow.ac.uk/senate/academic/policies/aplguidelines.html.

6. Composition of Degree Programmes

- 6.1 Each degree programme shall be composed of courses, each of which is characterised by the academic level at which it is set and the number of credits which it conveys. The course level will be expressed as 1, 2, 3, H or M, these corresponding to levels 7 to 11 in the Scottish Credit and Qualifications Framework. Each course shall convey either 10, 15, 20, 30, 40, or 60 credits, or exceptionally a different number of credits where approved by the Faculty.
- 6.2 In each academic session a full-time candidate will normally take courses conveying a total of 120 credits.
- 6.3 The structure of a degree programme, including the compulsory and optional courses of which it is composed, is shown in the degree's supplementary regulations and the programme specification.

7. Pre-requisites, Co-requisites and Excluded Combinations

- 7.1 Each course may have pre-requisite and/or co-requisite course(s). To be admitted to a course:
- The candidate must normally have attained a grade D or better in each pre-requisite course. If the course follows a pre-requisite course in the same academic session, however, it shall be sufficient for the candidate to have attended the pre-requisite course.
 - The candidate must either have attended, or be concurrently attending, each co-requisite course.
- 7.2 Where a candidate's curriculum includes courses which form an excluded combination, credits from only one of these courses may be counted towards the requirements for award of a degree or other qualification.

8. Approval of Curriculum

The curriculum of each candidate must be approved at the start of each session by the candidate's Adviser of Studies. Once approved, the curriculum may not be altered except with the approval of an Adviser of Studies.³

9. Assessment

Assessment and re-assessment are governed by the Code of Assessment which is contained in the Fees and

¹ The minimum duration of study for the ordinary degrees of Bachelor of Technical Education and MA Religious and Philosophical Education with Secondary Teaching Qualification is four academic sessions.

² In a minority of cases the minimum duration of study for an integrated Masters degree is four academic sessions.

³ Where a candidate is in the third or subsequent year of an Honours or integrated Masters programme, the approval of the Adviser extends to Honours/Masters status and not to individual courses.

General Information for Students section of the *University Calendar*.

10. Progress

- 10.1 The progress of candidates shall be reviewed annually.
- 10.2 The requirements for a full-time candidate to progress are set out in the degree's supplementary regulations.
- 10.3 For a part-time candidate, the minimum achievement required to progress will be determined for and communicated to the candidate at the start of each session by the Principal/Senior/Chief Adviser for the degree on which the candidate is enrolled. A candidate who fails to meet this progress requirement must apply for re-admission to the Principal/Senior/Chief Adviser.

11. Administration of Progress

- 11.1 Decisions on progress shall be taken by the Faculty Progress Committee or a sub-committee thereof. The committee shall have the power to exclude a candidate or to impose conditions regarding a candidate's future progress.
- 11.2 The Faculty shall publish to all candidates the arrangements for identifying any candidate who does not comply with progress requirements. The Faculty shall notify such candidates of the date of the meeting of the committee and the procedures to permit a candidate to make representations at or prior to the committee meeting.
- 11.3 Appeal against decisions of the Faculty Progress Committee may be made following the Codes of Procedure set out in the Fees and General Information for Students section of the *University Calendar*.

12. Award of a Certificate in Higher Education

- 12.1 A candidate who has completed courses totalling at least 120 credits with a grade point average of at least 8.5 shall be eligible to receive a Certificate of Higher Education, unless the candidate proceeds immediately to a diploma or degree programme. This does not preclude the use in subsequent completion of a degree programme of credit counted towards the award of a Certificate of Higher Education.
- 12.2 The Certificate of Higher Education shall be awarded with Merit where the grade point average is at least 12, and with Distinction where the grade point average is at least 14.
- 12.3 Where the candidate has accumulated more than 120 credits, the credit counted in the calculation of the grade point average shall be reduced to 120 credits by discarding all or part of the credit for certain of the courses in such a way as to maximise the grade point average while meeting all other requirements of the regulations.

13. Award of a Diploma of Higher Education

- 13.1 A candidate who has completed courses totalling at least 240 credits, of which at least 80 credits are for courses at level 2 or above, with a grade point average of at least 8.5, shall be eligible to receive a Diploma of Higher Education, unless the candidate proceeds immediately to a degree programme. This does not preclude the use in subsequent completion of a degree programme of credit counted towards the award of a Diploma of Higher Education.
- 13.2 The Diploma of Higher Education shall be awarded with Merit where the grade point average is at least 12, and with Distinction where the grade point average is at least 14.
- 13.3 Where the candidate has accumulated more than 240 credits, the credit counted in the calculation of the grade point average shall be reduced to 240 credits by discarding all or part of the credit for certain of the courses in such a way as to maximise the grade point average while meeting all other requirements of the regulations.

14. Award of an Ordinary/Designated Degree

- 14.1 Subject to further requirements contained in the degree's supplementary regulations, the candidate, to be eligible for the award of an ordinary/designated degree, must have obtained at least 360 credits and achieved an overall grade point average of 10. Within these 360 credits:
 - a) at least 120 must be at level 2 or higher, **and**
 - b) at least 280 must be at grade D or better including at least 60 at level 3 or higher.
- 14.2 Subject to further requirements contained in the degree's supplementary regulations, the ordinary/designated degree shall be awarded with Merit where the grade point average is at least 12, and with Distinction where the grade point average is at least 14.
- 14.3 Where the candidate has accumulated more than 360 credits, the credit counted in the calculation of the grade point average shall be reduced to 360 credits by discarding all or part of the credit for certain of the courses in such a way as to maximise the grade point average while meeting all other requirements of the regulations.
- 14.4 The ordinary/designated degree may be awarded to candidates on Honours programmes who fail to meet the requirements of the Honours degree, including any progress requirements, provided that the requirements of (a) above are met. The supplementary regulations for a degree programme shall specify any provision for candidates

who have been assessed at level H to be reassessed at level 3.

15. Entry to an Honours or Integrated Masters Degree Programme

15.1 In order to obtain entry to an Honours or integrated Masters degree programme, a candidate must normally:

- (a) meet the requirements set out in the degree's supplementary regulations; and
- (b) meet any additional requirements set by the Department or Departments in which the candidate is applying for entry to the Honours or integrated Masters programme.

15.2 The Faculty and Department will provide all candidates with written information on the specific level of performance required to obtain entry to each Honours and integrated Masters degree programme in the Department. This information will be made available to candidates at the start of the session preceding that in which Honours study normally commences.

15.3 Admission to an Honours or integrated Masters degree programme does not guarantee admission to a particular course. A candidate must apply for admission to a particular course in accordance with the instructions issued by the Department. Admission to a particular course cannot be guaranteed even for a candidate who satisfies the minimum admission requirements. Where there are more applicants for a particular course than there are places available, selection of candidates will be based on criteria published in course documentation and/or department web pages.

15.4 Additional regulations relating to Honours or integrated Masters degree programmes shall be included in the degree's supplementary regulations.

16. Award of an Honours Degree

16.1 To be eligible for the award of an Honours degree, the candidate must have obtained at least 480 credits, including at least 120 at level H, completed a piece of independent work worth at least 20 credits, and complied with the other requirements set out in the degree's supplementary regulations.

16.2 A scheme of assessment may permit a candidate for Honours in a single subject to be assessed in not more than 25% of the total assessment for Honours from the scheme of assessment in one other subject.

17. Award of an Integrated Masters Degree

To be eligible for the award of an integrated Masters degree, the candidate must have obtained at least 600 credits, including at least 120 credits at level M, completed a piece of independent work worth at least 20 credits, and complied with the other requirements set out in the degree's supplementary regulations.

18. Award of an MBChB, BVMS or BDS Degree

Eligibility for the award of an MBChB, BVMS or BDS degree is defined in the degree's supplementary regulations.

19. Award of Certificates for Graduates Studying at Undergraduate Level

A graduate of the University of Glasgow, or of another institution of tertiary education recognised for this purpose by the Senate, may be permitted by a Department in consultation with the Clerk of the Faculty to enrol in a course, complete the assessment elements of the course, and receive certification of the outcome of the assessment.

20. Degree Programmes not Subject to these Regulations

Faculty of Medicine

Degree of Bachelor of Science in Medical Science

Faculty of Medicine: Dental

Degree of Bachelor of Science in Dental Science

Faculty of Veterinary Medicine

Degree of Bachelor of Science in Veterinary Science

Free Church of Scotland College

Degree of Bachelor of Theology

Glasgow School of Art

Degree of Bachelor of Architectural Studies

Degree of Bachelor of Arts in Design (Part-Time) in a Designated Subject

Degree of Bachelor of Arts in Fine Art

Degree of Bachelor of Arts in Product Design

Degrees in Product Design

Degrees in Product Design Engineering

Diploma in Architecture and Master of Architecture (By Conversion) Degree

Scottish Agricultural College

Degree of Bachelor of Arts (Scottish Agricultural College)

Degree of Bachelor of Science (Scottish Agricultural College)

IV DEGREE OF BACHELOR OF SCIENCE AND DEGREE OF MASTER IN SCIENCE

RESOLUTION

The Degrees of Bachelor of Science and Master in Science are governed by Resolutions of the University Court. The provisions of Resolution No. 582 supporting the Generic Undergraduate Regulations are set out above; the provisions of Resolution No. 605, which at the time of going to print is in draft form, are as follows:

1. The Degrees of Bachelor of Science (BSc) and Master in Science (MSci) may be awarded by the University of Glasgow in the Faculties of Biomedical & Life Sciences, Information & Mathematical Sciences and Physical Sciences as Degrees in such designations as may be prescribed by Regulations.
2. The award of the Degrees shall be governed by the Generic Undergraduate Regulations which are governed by Resolution No. 582 of the University Court.
3. The Senate may make supplementary regulations governing the award of the Degrees which are subject to the approval of the University Court - these shall be as stated under 'Regulations' below.
4. The Degree of Bachelor of Science may be offered as a Degree in a designated subject or as a Degree with Honours in a principal subject; the Degree of Master in Science may be offered as a Degree in a principal subject or as a Degree in a principal subject with Work Placement. The early exit awards of Diploma of Higher Education (General Science) and Certificate of Higher Education (General Science) are also included in the Regulations.

REGULATIONS

1. Recognition of Prior Learning

A candidate may qualify for exemption from level 1 courses up to a maximum of 120 credits by obtaining passes in appropriate subjects at specified grades in approved school examinations at SCQF level 7, under such conditions as the Senate may prescribe in each case. Such credit shall be awarded by the Principal Adviser of Studies.

2. Maximum Period of Study

The maximum period of study for a candidate in the Faculties of Science is normally as follows:

For the award of a BSc designated degree - 5 sessions

For the award of a BSc Honours degree - 6 sessions

For the award of an MSci degree - 7 sessions

3. Progress

The requirements referred to in Generic Undergraduate Regulations §10.1 and §15.1(a) are listed below:

3.1 Annual Review of Progress

Generic Undergraduate Regulations §10 and §11 apply with the following additional requirements:

The minimum requirements for progress to a succeeding year of study for a full-time student are as follows:

After one session: The candidate must have obtained at least 80 credits, of which at least 60 must be at grade D or better, and achieved a grade point average of at least 9.

After two sessions: The candidate must have obtained at least 160 credits of which at least 120 must be at grade D or better and achieved a grade point average of at least 9.

After three sessions: The candidate must be in a position to complete the requirements for the award of a designated degree in one further session of full-time study.

3.2 BSc in a Designated Subject

a) Admission Requirements

The following general requirements shall apply for admission to all level 3 courses:

- i) The candidate must have completed qualifying courses totalling at least 240 credits, with a grade point average of 10, unless admitted directly to level 3;
- ii) The candidate must have completed qualifying courses totalling at least 120 credits in Science subjects.

3.3 BSc Honours Programme

a) Admission Requirements

The following general requirements shall apply for admission to the third year of an Honours programme:

- i) The candidate must have completed qualifying courses totalling at least 240 credits, with a grade point average of at least 11, unless admitted directly to the third year of the programme;
- ii) The candidate must have completed qualifying courses in Science totalling at least 140 credits;
- iii) The candidate must have completed 180 credits at grade D or above including 60 credits, of which 40 should be in Science at level 2 or above.

b) Progression Requirements

The prerequisites for entry to the fourth year of an Honours programme shall include:

- i) Achievement of a specified minimum grade in corresponding courses at level H or M taken in a previous session; and
- ii) The candidate must already meet the requirements of §3.2 (a) above, and the requirements for the Degree of BSc in a designated subject (§5.1 below).

A candidate who has completed the third year of an MSci programme may, at the discretion of the Head(s) of Department(s) concerned, be admitted to the fourth year of a BSc Honours programme in the same subject(s).

3.4 MSci Programme

a) Admission Requirements

The following general requirements shall apply for admission to the third year of an MSci programme:

- i) The candidate must have completed qualifying courses totalling at least 240 credits, with a grade point average of at least 12;
- ii) The candidate must have completed qualifying courses totalling at least 140 credits in Science with a grade point average of at least 12;
- iii) The candidate must have completed qualifying courses totalling at least 60 credits at level 2 or above in Science with a grade point average of at least 12;
- iv) The candidate must have completed qualifying courses totalling at least 100 credits at level 2 or above, with a grade point average of at least 12.

b) Progression Requirements

The prerequisites for admission to the fourth year of an MSci programme shall include:

- i) Achievement of a specified minimum grade in corresponding courses at level H or M taken in a previous year; and
- ii) The candidate must already meet the qualification requirements for the Degree of BSc in a designated subject (§5.1 below).

3.5 Admission to Qualifying Courses

Subject to the approval of the Science Taught Programmes Committee, admission to any qualifying course may be restricted if the number of candidates wishing to enrol exceeds the number of places available. Where there are more applicants for a particular course than there are places available, selection of candidates shall be based on criteria published in the Programme or Course Handbook.

3.6 Appeals Against Non-Admission to Courses

A candidate who has been refused admission or re-admission to a course under the provisions of §3.5 above may appeal in writing to the Principal Adviser of Studies, citing any special circumstances bearing on his or her case.

3.7 Transfers from Part-time to Full-time Study

A part-time candidate may apply to the Principal Adviser of Studies for transfer to full-time study. In considering

such an application, the Principal Adviser shall take into account the candidate's progress so far.

4. Science Courses

Science subjects, and courses in these subjects, shall be as defined in the *Undergraduate Course Catalogue*. In addition, candidates may take courses in non-Science subjects, subject to the provisions of §3.2 - §3.4 above.

For the purposes of the Intercalated Degree of BSc combined with the Degree of MB ChB, BDS, or BVMS, the courses constituting the first two or three sessions, depending on the curriculum of the MB ChB, BDS, or BVMS are recognised as Science qualifying courses. Recognition of these courses will be subject to review in the event of substantial changes in the MB ChB, BDS, or BVMS curriculum.

4.1 Standard Curricula

Each full-time candidate shall enrol for courses totalling not less than 100 credits in each session and normally no more than 120 credits. In exceptional cases, a candidate may take up to 150 credits in each session. Each part-time candidate shall enrol for courses totalling a maximum of 100 credits in each session.

5. Programme Requirements for the Award of the Degree

5.1 Degree of Bachelor of Science in a Designated Subject

In addition to meeting the requirements of Generic Undergraduate Regulation §14, the candidate must satisfy the following:

- a) The 360 credits required must include:
 - (i) at least 200 credits in Science; and
 - (ii) at least 120 credits at level 2 or above in Science, with a grade point average of at least 9, and with at least 60 of these credits at grade D or better.
- b) Where the Designated Subject is a single subject, the credits in (a) above must include courses in that subject at level 3 or 3H or 3M, totalling at least 80 credits with a grade point average of at least 10.
- c) Where the Designated Subject is a combination of two subjects, the credits in (a) above must include courses at level 3 or H or M totalling at least 40 credits with a grade point average of at least 10 in each of these subjects separately.
- d) Any special requirements of the Designated Subject specified by the Department and approved by the Faculties of Science.

On the recommendation of the Head of Department, the Degree of BSc in a designated subject may be awarded 'with Work Placement' to a candidate who has successfully completed the work placement year of an MSc Degree and is qualified for the award of a BSc designated degree as set out above.

5.2 Degree of Bachelor of Science (BSc) with Honours and Degree of Master in Science

Each candidate must meet the requirements of Generic Undergraduate Regulations §16 and §17. Additionally, the Principal Subject for the Degree of BSc with Honours or the Degree of MSc shall be, as shown in Appendix 1 below, either:

- a) one of the single subjects shown as such in List 1(a) ('Single Honours'); or,
 - b) one of the combinations of subjects shown as such in List 1(b) ('Combined Honours')
- as approved by the Faculties and the Senate.

5.3 MSc Exit Point

A candidate who fails to complete the final year of a 5 year MSc programme may be awarded a BSc Honours Degree subject to the candidate's satisfying published departmental conditions for such an award, consistent with Generic Undergraduate Regulation §16. Such provision shall not be available to a candidate pursuing the MSc degrees with work or European placement.

6. Other Information on Awards

6.1 Study in the Faculties of Science at the University of Glasgow

The Principal Subject in the curriculum for the Degree of BSc with Honours or the Degree of MSc shall be the candidate's sole subject of study during the session immediately preceding his or her final examination. The study of the Principal Subject shall extend over not less than two sessions of full-time study; and where the Principal Subject itself is not studied over at least three sessions, the study of the Principal Subject shall be preceded by the study of appropriate cognate subjects.

A candidate who is exempted from courses on the basis of studies undertaken elsewhere (as described in Generic Undergraduate Regulation §4) shall attend courses in the University of Glasgow for at least one session for the Degree of BSc in a designated subject, or for at least two sessions for the Degree of BSc with Honours or

the Degree of MSci. Each candidate for the Degree of BSc with Honours or the Degree of MSci must attend the University of Glasgow during the final year of his or her curriculum, except where that final year is an approved work placement year, and may be required by the Head of Department concerned to attend the University of Glasgow during the final two years of his or her curriculum.

6.2 *Recognition of Study in other Faculties or Universities*

A candidate who has presented himself or herself for the BSc Honours or MSci final examination in any group of subjects for a Degree in another Faculty may not choose a subject of that group as his or her Principal Subject for the Degree of BSc with Honours or MSci.

Appendix 1

List 1(a) Single Degree Subjects

<i>Subject</i>	<i>BSc Designated Subject</i>	<i>BSc (Hons) Principal Subject</i>	<i>MSci Principal Subject</i>
Anatomy	✓	✓	✓
Animal Biology	✓		
Applied Mathematics	✓	✓	✓
Archaeological Studies	✓		
Archaeology		✓	
Biochemistry	✓	✓	✓
Biomedical Sciences	✓	✓	✓
Biomolecular Sciences	✓		
Biotechnology	✓	✓	✓
Chemical Physics	✓	✓	✓
Chemistry	✓	✓	✓
Chemistry with Forensic Studies	✓	✓	✓
Chemistry with Medicinal Chemistry	✓	✓	✓
Computing Science	✓	✓	✓
Earth Science	✓	✓	
Electronic & Software Engineering	✓	✓	
Environmental Biogeochemistry	✓	✓	
Environmental Chemistry	✓	✓	✓
Environmental Chemistry and Geography	✓	✓	
Genetics	✓	✓	✓
Geography	✓	✓	
Geography, Chemistry and the Environment	✓		
Human Biology	✓		
Immunology	✓	✓	✓
Infection Biology	✓		
Marine and Freshwater Biology	✓	✓	✓
Mathematical Sciences	✓	✓	
Mathematical & Statistical Studies	✓		
Mathematics	✓	✓	✓
Medical Biochemistry	✓	✓	✓
Microbiology	✓	✓	✓
Molecular & Cellular Biology	✓	✓	✓
Neuroscience	✓	✓	✓
Parasitology	✓	✓	✓
Pharmacology	✓	✓	✓
Physics	✓	✓	✓
Physics with Astrophysics	✓	✓	✓
Physiology	✓	✓	✓
Physiology & Sports Science	✓	✓	✓
Physiology, Sports Science & Nutrition	✓	✓	✓
Plant Science	✓	✓	✓
Psychological Studies	✓		
Psychology		✓	
Software Engineering	✓	✓	✓
Sports Medicine		✓	
Sports Science	✓		
Statistics	✓	✓	✓
Theoretical Physics			✓
Virology	✓	✓	✓
Zoology	✓	✓	✓

List 1(b) Combined Degree Subjects

<i>Subject Combination</i>	<i>BSc Designated Subject</i>	<i>BSc (Hons) Principal Subject</i>	<i>MSci Principal Subject</i>
Accounting <i>and</i> Statistics	✓	✓	
Applied Mathematics <i>and</i> Astronomy	✓	✓	✓
Applied Mathematics <i>and</i> Business and Management		✓	
Applied Mathematics <i>and</i> Chemistry	✓	✓	✓
Applied Mathematics <i>and</i> Computing Science	✓	✓	✓
Applied Mathematics <i>and</i> Economics		✓	
Applied Mathematics <i>and</i> Geography	✓	✓	
Applied Mathematics <i>and</i> Philosophy		✓	
Applied Mathematics <i>and</i> Physics	✓	✓	✓
Applied Mathematics <i>and</i> Psychology	✓	✓	
Applied Mathematics <i>and</i> Statistics	✓	✓	✓
Applied Mathematics <i>and</i> Zoology	✓	✓	
Archaeology <i>and</i> Earth Science	✓	✓	
Archaeology <i>and</i> Geography	✓	✓	
Astronomy <i>and</i> Mathematics	✓	✓	✓
Astronomy <i>and</i> Physics	✓	✓	✓
Biology <i>and</i> Chemistry	✓		
Chemistry <i>and</i> Mathematics	✓	✓	✓
Computing Science <i>and</i> Business and Management		✓	
Computing Science <i>and</i> Business Economics		✓	
Computing Science <i>and</i> Economics		✓	
Computing Science <i>and</i> Geography	✓	✓	
Computing Science <i>and</i> Mathematics	✓	✓	✓
Computing Science <i>and</i> Physics	✓	✓	
Computing Science <i>and</i> Physiology	✓	✓	
Computing Science <i>and</i> Psychology		✓	
Computing Science <i>and</i> Statistics	✓	✓	
Finance <i>and</i> Statistics	✓	✓	
Geography <i>and</i> Mathematics	✓	✓	
Geography <i>and</i> Statistics	✓	✓	
Mathematics <i>and</i> Business and Management		✓	
Mathematics <i>and</i> Economics		✓	
Mathematics <i>and</i> Philosophy		✓	
Mathematics <i>and</i> Physics	✓	✓	✓
Mathematics <i>and</i> Psychology		✓	
Mathematics <i>and</i> Statistics	✓	✓	✓
Physiology <i>and</i> Psychology		✓	
Psychological <i>and</i> Statistical Studies	✓		
Psychology <i>and</i> Statistics		✓	
Statistics <i>and</i> Business and Management		✓	
Statistics <i>and</i> Economics		✓	✓