



University
of
St Andrews

2010-11

Postgraduate Course Catalogue

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UNIVERSITY OF ST ANDREWS

Session Dates 2010-2011

Freshers' Week:	Week commencing Monday 20th September 2010
Martinmas Semester:	Monday 27th September 2010 – Friday 21st January 2011
Reading Week:	Week commencing Monday 8th November 2010
Raisin Monday:	Monday 22nd November 2010
Graduation:	Tuesday 30th November 2010 (no teaching all day)
Christmas Vacation:	Saturday 18th December 2010 – Monday 3rd January 2011
Revision Period:	Commences Wednesday 5th January 2011
Examinations:	Wednesday 12th January 2011 – Friday 21st January 2011
Candlemas Semester:	Monday 7th February 2011 – Friday 27th May 2011
Spring Vacation:	Saturday 26th March 2011 – Sunday 10th April 2011
May Day Holiday:	Monday 2nd May 2011 (no teaching all day)
Revision Period:	Commences Saturday 7th May 2011
Examinations:	Saturday 14th May 2011 – Wednesday 25th May 2011
Graduation:	Tuesday 21st June 2011 – Friday 24th June 2011
Re-Assessment Diet:	Monday 29th August 2011 – Thursday 1st September 2011

N O T E

The University's Rules and Regulations for matriculated students can be found online at:

www.st-andrews.ac.uk/pgstudents/rules

as can the Policies for both Taught and Research Postgraduates

St Andrews is an ECTS and SCOTCATS University.

Except in the case of certain language skills modules, the language of instruction and assessment is English.

This publication is available in Large Print, Braille or Audio on request to:

Print & Design, University of St Andrews, St Katharine's West, St Andrews KY16 9AX
Tel: 01334 463020 Fax: 01334 463523 Email: publications@st-andrews.ac.uk

The Course Catalogue is also available online at:
www.st-andrews.ac.uk/students/academic/coursecatalogue

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1. Introduction to the Postgraduate Course Catalogue

The purpose of this Catalogue is to provide students with information on the structure of the taught postgraduate programmes, plus information on each of the modules which must, or may be, taken in such programmes or as part of a degree.

The order of entries within the Catalogue is alphabetical according to the Schools which offer taught postgraduate programmes (it should be noted that not all the Schools in the University offer such programmes in Session 2010-11). Each School provides:-

- i) a list of its postgraduate taught programmes.
- ii) details of all postgraduate modules offered, including the credit value and assessment procedures of each.

The modules included will normally be only those available in 2010-11. This reflects the situation when this document goes to press, although there may be subsequent alterations due to unforeseen circumstances. Supplementary information will be made available on alterations to availability after the closing date for inclusion in this Catalogue. www.st-andrews.ac.uk/pgstudents/academic/coursecatalogue/2010-2011/

2. The Graduate Certificate, Graduate Diploma, Postgraduate Certificate, Postgraduate Diploma and Taught Postgraduate Degrees

The postgraduate awards which contain a taught element are the postgraduate qualifications Graduate Certificate, Graduate Diploma, Postgraduate Certificate, Postgraduate Diploma, and the postgraduate degrees the M.Litt., the M.Sc., the M.Res. and the M.Phil.. The Postgraduate Certificate requires at least 60 credits in 5000-level modules. The Postgraduate Diploma requires at least 120 credits in 5000-level modules (or, in certain circumstances, 4000-level modules) in an approved programme. The M.Litt., M.Sc. and M.Res. normally comprise at least 120 credits in 5000-level modules in an approved programme plus a dissertation. The M.Phil. normally comprises 120 credits in 5000-level modules in an approved programme plus a thesis. A student may transfer, subject to conditions, from the first year of taught study to the M.Phil. (see Regulations).

Provision is made for part-time study in all taught postgraduate programmes. It should be noted that some modules may be taken from outside the approved programme or from outwith the School's provision, but this is subject to permission being granted by the Heads of School concerned.

Further information on the structure of, and requirements for, the Graduate/Postgraduate Certificate, Graduate/Postgraduate Diploma qualifications and postgraduate degrees, including progression from the taught to research components of a specific degree programme may be found in the Codes of Practice for Students in Taught Postgraduate Programmes, available online from www.st-andrews.ac.uk/pgstudents/academic

3. Explanation of fields in Module entries

Module number and Title – first entry – self explanatory

Credits. The number of “points” a specific module counts towards a recognised degree programme. Must be used alongside the “level” of academic content in the module. A student's studies towards a degree will be structured in terms of modules, each of which is assigned a credit value; so, for example, 5000 level modules in the School of Classics are each worth 40 credits.

Semester. The Semester or Semesters in which the module is taught, where ‘either’ means that the module is taught in both semesters, being offered twice, and ‘whole year’ means that it is taught once only, throughout the two semesters.

Prerequisites. Second semester modules, and some others, may have prerequisites, reflecting the assumption that they build upon previous knowledge gained.

Co-requisite. A module which must be taken in the same **semester** or **session** as the one listed.

Anti-requisite. Students will not be allowed to take the module shown in this field if they have already passed or wish to take the module which indicates the anti-requisite (e.g. the entry for MT5611 which indicates MT4111 is an anti-requisite – both modules cannot be taken).

Programme(s). An indication to which Postgraduate Programme(s) of Study the module relates.

Description. A brief statement of the content of a **module**.

Class Hour. The time(s) which students may be required to attend.

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Teaching. This will be an indication of the weekly teaching provision for each student. The normal teaching period will be of one hour unless indicated otherwise. Where the pattern of teaching varies from week to week, the average weekly load is given. A tutorial is a discussion class of typically ten or fewer students. A seminar is typically a larger group, and will also involve student presentations and contributions as well as discussion.

Assessment. A brief statement of the distribution between continuous assessment and formal examination.

4. Glossary of other commonly used terms

20-point reporting scale. This is a scale from 0 to 20.0 used for recording the grade achieved in the assessment of a module. Pass grades are 7.0 to 20.0 and fail grades are 0 to 6.9.

Credit Loads. Normally a full-time student will take modules worth 120 credits during two semesters of study and a sixty credit dissertation over the Summer, making 180 credits in a session.

Exit Points. A student who is registered for a postgraduate degree may exit from the degree programme after gaining 60 credits with the postgraduate certificate, and after gaining 120 credits with the postgraduate diploma.

European Credit Transfer System. All modules in this Catalogue have an accreditation in the ECTS scheme. Since St Andrews operates on an annual load of 120 credits and ECTS one of 60 credits, credits transferred to the other institution will be exactly half of the credits shown for each module. The grade for each module will be calculated according to established ECTS procedures and, therefore, it will not necessarily be the same as a grade for a module awarded by this University. A more detailed explanation of the procedures relating to ECTS students is given as Appendix 1 to this Introduction (page x.4).

Faculty. There are four faculties - Arts, Divinity, Medicine and Science. Arts and Divinity however are treated as a single entity for administrative purposes.

Grades. A student who passes a **module** will have gained both **credits**, reflecting the workload of the module, and a **grade**, reflecting the quality of a student's work. The grade is recorded on the **20-point reporting scale**.

Graduate Certificate/Graduate Diploma : in a small number of cases qualifications are awarded for additional study beyond the first degree stage of 60 or 120 credits at 4000 level.

Levels. There are two **Levels** of modules appropriate to Postgraduate study. Normally modules will be 5000 level, but in some approved programmes, a few 4000-level modules are also available. 5000-level modules correspond to Level 11 of the Scottish Credit and Qualifications Framework (SCQF); 4000-level modules correspond to SCQF Level 10.

Module. Degree programmes are modular in structure. The key elements of a module are **credit**, **level** of study, title, **description** of content, **assessment** requirements, and **availability** (session and semester). Other elements include class teaching hour, contact point, transferable skills, learning outcomes etc. Each module will be a self-contained unit of teaching, learning and assessment. For the majority of modules the teaching will take place in one 12-week teaching block, usually broken by a reading week or Spring vacation.

Postgraduate Certificate. A postgraduate qualification normally awarded for at least 60 credits at 5000 level to a student who cannot complete a full degree programme.

Postgraduate Diploma. A postgraduate qualification normally awarded to a student who gains at least 120 credits in an approved programme but who cannot complete a full degree programme.

Programme Requirements. The combination of modules required in order to be awarded a **qualification**.

Qualifications. Each type of qualification - e.g. M.Litt or M.Sc. - is governed by a set of Senate Regulations, and is awarded under a specific Court Resolution. Only taught courses require a generic programme specification published using the Scottish Credit and Qualifications Framework (SCQF).

RPL - Recognition of Prior Learning (RPL) is the recognition by the University of St Andrews, for its academic purposes, of prior learning that has taken place elsewhere. RPL may facilitate admission to a degree programme (undergraduate or postgraduate); provide advanced standing on a programme, or lead to the award of credit to count towards a programme's requirements. RPL may be as a result of Certificated Learning (RPCL) or Experiential Learning (RPEL).

Semester. The academic **session** is divided into two distinct teaching units called **semesters**. Semester 1 runs currently from September to January, Semester 2 runs currently from February to May.

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Session. A session is a full academic year (September to September), comprising two **semesters** and the summer break.

Sponsio Academica All St Andrews students, when they matriculate, agree to an oath printed on the matriculation form that guarantees good conduct and "...that we shall be subject to the authority of the Senatus Academicus ...". The oath used to be spoken (in Latin) but is now simply printed, with signature of the matriculation form indicating agreement. All four ancient Scottish Universities have a Sponsio Academica, though they differ in wording. See www.st-andrews.ac.uk/students/rules/

Termination of Studies : Students whose performance is unsatisfactory and/or who have insufficient credits for their particular stage of study may have their studies terminated. Individual students' performance will be reviewed by the Faculty Business Committee and a decision made as to whether or not their studies should be terminated. Students who are potentially in this situation will be notified and will be given a limited period to inform the Faculty Business Committee of any circumstances that have adversely affected their performance in order that these may be taken into account prior to a final decision being made. Failure to notify the Faculty Business Committee of such circumstances by the due date will normally lead to the automatic termination of studies with immediate effect.

Appendices

THE EUROPEAN COMMUNITY COURSE CREDIT TRANSFER SYSTEM (ECTS)

In addition to SCOTCATS, the University of St Andrews subscribes to the ECTS on an institution-wide base. This system consists of two mechanisms and four instruments as follows:-

A. Mechanisms

1. Credits. Under ECTS, the weight of individual modules within courses is expressed in terms of a 60-point annual credit scale (20 per term or 30 per semester). ECTS, therefore, works on a credit scale which is precisely half of the SCOTCAT and the internal University of St Andrews credit scales which give 120 credits to each academic session, e.g., a module weighted at 30 St Andrews or SCOTCAT credits is weighted at 15 ECTS credits. The two sets of scales are thus easily translated from one to the other. Both sets of credit scales base credit allocation on relative student workload. Moreover, under both systems no credits are awarded for modules in which students do not pass the assessment. The 60 credits on the ECTS scale represent the minimum annual accumulation of credits to represent a satisfactory workload. Students may, in certain circumstances, accumulate more credits but will not be allowed to attempt to gain more than 75 ECTS credits in any one academic session.

2. Grades. ECTS uses an ‘interface’ gradescale to express student achievement, distinguishing not only those who pass from those who fail the assessment but also, for those who pass, the relative excellence of the pass. This interface gradescale is designed to help European universities understand each other’s very varied gradescales. The ECTS gradescale, therefore, reports three things. First, it gives a letter-grade on a scale from A to F, where A is the best and F the worst grade. Secondly, it gives a verbal description of the level of excellence of performance. Thirdly and in order to diminish possible misunderstanding between institutions because of different conceptions of the numbers normally attaining the various levels of relative excellence, those levels are tied to specific percentile groups of those students who pass the individual modules. The ECTS gradescales, as described, are set out at the end of this Appendix.

B. Instruments

1. The Application Form. The ECTS pilot scheme has its own specific Application Form. Each European student coming to St Andrews will be asked to pre-select the modules which he/she wishes to take on coming here. This process will be formalised through Pre-advising.

2. The Learning Agreement. At the beginning of his/her period of study at a host university, the ECTS student concludes a **learning agreement** with that host. This records all the modules which the student will actually take during the study period there. Where the student comes from a home university to which he/she intends to return, the **learning agreement**, once signed by both the student and St Andrews, is sent to the home university for a counter-signature indicating the home university’s approval of the study programme. It is then returned to St Andrews and a copy given to the student.

3. The Transcript of Record. ECTS has, in addition to St Andrews’ own transcript, a standard **transcript of record** which records every module taken in St Andrews by the visiting student, with its module code, the length of period of study for that module, the number of credits gained by the student who has passed the module, and a separate grade conversion sheet showing the equivalent ECTS grade.

www.st-andrews.ac.uk/staff/academic/Gradingsheets/

The total number of credits is given at the bottom of the document which is signed and sealed by St Andrews. It is on the basis of this instrument that a student will be able to transfer credits gained in St Andrews back to his/her home university for graduating purposes. Alternatively, the student may take the ‘negotiable’ credits record on the transcript to an entirely different university and attempt to turn them into ‘negotiated’ credit, that is, to have them accepted for graduating purposes by that university. Another university will make its judgment on the basis of its overall estimation of the quality of studies in St Andrews and on taking into consideration questions of programme equivalence.

4. The Information Package. In order to offer fully transparent information on a university integrating ECTS into its mechanisms, it is necessary for that institution to produce an **ECTS information package** giving full information about the institution both in general terms and in respect of its teaching programmes, its methods of teaching, learning and assessment and its academic support systems. The style and content of these information packages was developed through the years of the ECTS pilot scheme from 1989. This Course Catalogue, along with the equivalent Postgraduate Course Catalogue, constitutes St Andrews’ institution-wide ECTS information package. Parts of it have been translated into, and are available in, other EU languages.

LICENTIATE OF INTEGRATED EUROPEAN STUDIES

The Licentiate is a certificate offered by the University of St Andrews to recognize the work students have done in a form that goes beyond a simple transcript of courses taken. It is not equivalent to a graduating programme.

1. Eligibility. Any student spending a year in St Andrews under a European Union scheme, who is registered for a graduating degree in their home country.

2. Pathway. A programme approved by the Adviser totalling 120 credits, including ET1001/ET1002 (unless the student has an equivalent or superior qualification) and a further 80 credits from 1000-5000 level modules.

French: For third-level students of lettres modernes and langues étrangères from French universities the normal pathway is 120 credits in a programme approved by the Adviser.

The normal pathway for fourth level students from French universities is 120 credits, including ET1001 (unless the student has an equivalent or superior qualification, in which latter case he or she may take FR5001 within the normal total of 120 credits) and a further 100 credits of which not more than 45 credits may be at Honours level. Modules must include FR5099 (unless students are not preparing dissertations for their home universities) and others drawn from ET1002, FR5002, FR5003, FR5005, FR5006, FR5007, FR5023, FR5099, ML5001, ML5002, ML5005, ML5006, ML5007, ML5008, ML5012, ML5013, ML5014, ML5018, ML5019 and any other available Postgraduate or Honours modules.

3. Standard of attainment. To receive the Licentiate students must achieve a minimum overall grade average of 11 on the University reporting scale, subject to their programme including 3000- to 5000-level modules totalling at least 60 credits.

4. Examining Board. The appropriate Examining Board for individual candidates will be determined by the School responsible for the exchange agreement under which the student has come to St Andrews, subject to confirmation by the Dean.

5. Credit Transfer for M.Litt. Students who have satisfactorily completed a Licentiate programme incorporating appropriate 5000-level modules may, on the recommendation of the Head of School and with the approval of the Dean, elect not to accept the award of the Licentiate but to transfer the credits obtained on the Licentiate programme in order to enter the second year of the part-time M.Litt. programme with advanced standing.

GENERAL GUIDANCE

The following is a summary guide to some of the aspects of the University which you will usually encounter during your time at St Andrews. Please read it carefully. If your questions are not answered, or you are in doubt about anything that affects you, do not hesitate to ask. Staff in Academic Schools, Departments and in the Registry will be happy to assist you and will provide you with all the guidance you need in the course of your academic career.

You should also read the Codes of Practice for Supervisors and Students in Taught and also Research Postgraduate Programmes, available at www.st-andrews.ac.uk/pgstudents/academic/

Changes occurring after the publication of this Catalogue will be posted on the Course Catalogue web pages: www.st-andrews.ac.uk/pgstudents/academic/coursecatalogue/

1. Supervision of study

You will be allocated to a member of staff who will act as your Supervisor (for research programmes and small taught programmes) or Programme Co-ordinator (for large taught programmes). He/she should be your first contact for advice about administrative procedures as well as matters related to your programme of study. For taught students he/she is also responsible for advising you into the correct postgraduate modules for your programme. Each School also has a Postgraduate Co-ordinator and/or committee. If there are issues which cannot be resolved at these levels, you should contact Registry where there are dedicated postgraduate staff (email: registry-pg@st-andrews.ac.uk) and Faculty Officers with special responsibility for postgraduate matters. These are the Pro Dean (Postgraduate) for the Faculty of Arts and Divinity, the Pro Dean (Postgraduate) for the Faculty of Science and the Pro Dean (Postgraduate) for the Faculty of Medicine.

2. Registration/ Matriculation

All Taught Postgraduate students are required to matriculate at the start of their first semester of study in each academic year. You will be required to use the Online Matriculation process to confirm your details and make any payment arrangements. You will also need to meet with your Programme Co-ordinator who will arrange for you to be advised into the relevant module choices. Full details of the event will be sent to all Entrant Postgraduate students during September. Returning Taught Postgraduate students will only need to matriculate using the Online Matriculation system.

All Research Postgraduate students are required to matriculate at the start of their studies and annually thereafter. The online Matriculation process involves providing personal information and completing any payment requirements. Entrant students will be sent full details of the event by email and will also be required to complete and sign a matriculation form which can be collected when you see your Supervisor during Freshers' week to discuss your studies.

Research students are expected to matriculate and pay fees annually and Registry will contact students to let them know when to matriculate.

Personal details

Please note that it is your responsibility both to make changes to your personal details record whenever necessary and to ensure that you have explicitly consented, or not, to the use of your contact details. Your matriculation will not be complete until your online matriculation has been completed and your personal details have been updated.

Full details regarding Matriculation and the importance of matriculating within a given timescale can be found at: www.st-andrews.ac.uk/students/academic/matriculation

3. Withdrawal

You may decide that you wish to withdraw from your studies either temporarily or permanently. If so, you must contact Registry where you will be given an appointment with the relevant Faculty Officer who will advise you and ultimately approve your withdrawal. This formal approval will be particularly important for your sponsor or grant awarding body. For further information please see *Withdrawing from your course* at:

www.st-andrews.ac.uk/pgstudents/academic

4. Extension of studies

You may discover that you require more time to complete your work than is allowed for in the regulations for your degree programme, for some reason such as prolonged absence due to illness. In this case, you should contact your Supervisor/Programme Co-ordinator, who may be able to arrange for an extension to be approved by the Faculty. It is very important that you negotiate periods of extension well in advance of your anticipated end date.

5. Absence from study commitments

If you are absent from your studies, you should comply with the University's sickness absence reporting procedures. Details are contained within the University Student Handbook and at: **www.st-andrews.ac.uk/pgstudents/academic** Failure to do so may compromise your entitlement to progress from one stage of your programme to the next, or even to complete your programme and graduate.

6. Absence from Examinations (Taught Programmes)

Absence from Examinations due to illness or any unavoidable reason should be reported IMMEDIATELY as soon as you know you will be unable to sit an examination to the Examinations Office by telephone 01334 462124/2528. This should then be followed up by completion of a Self-Certification of Absence form at:

www.st-andrews.ac.uk/students/rules/selfcertification

Circumstances affecting performance

Where a student believes there are special circumstances, personal or medical, which will affect their examination performance they should inform the School before the examination or as soon thereafter as possible. Once the Examining Board has met special circumstances cannot normally be considered.

7. Further Advice and information

The University maintains a web site containing information about all aspects of student life. For procedural information, consult **www.st-andrews.ac.uk/students/rules/**. Alternatively, you are invited to contact the Registry, your School Office or your Supervisor/Programme Co-ordinator. The Codes of Practice for Supervisors and Students in Taught and also Research Postgraduate Programmes containing detailed advice on all aspects of postgraduate study are available from **www.st-andrews.ac.uk/pgstudents/academic**

8. Resolutions and Regulations

The Resolutions and Regulations relating to Postgraduate Students are available online from: **www.st-andrews.ac.uk/pgstudents/rules/**

ORDINANCES, RESOLUTIONS AND REGULATIONS

1. ORDINANCES AND RESOLUTIONS

I. REGULATIONS FOR RESEARCH STUDENTS AND APPOINTMENT OF RESEARCH FELLOWS

Ordinance 350 of the University Courts of the Universities of St Andrews, Glasgow, Aberdeen and Edinburgh (General No. 12) approved by Her Majesty in Council, 12th September 1960, with effect from 1st October 1960, and Supplementary Regulations by the Senatus Academicus

1. Ordinance No. 61 (General No. 23) of the Commissioners appointed under the Universities (Scotland) Act, 1889, is hereby repealed, and references to that Ordinance shall be construed as references to the present Ordinance.

RESEARCH STUDENTS

2. The Senatus Academicus, with the approval of the University Court, shall have power to make regulations under which any person who has given satisfactory evidence of his or her fitness to engage in special study or research may be admitted to the University as a Research Student.

RESEARCH FELLOWS

3. The University Court shall have power to appoint Research Fellows on such terms and conditions as the University Court, after consultation with the Senatus Academicus, may determine.

GENERAL

4. Research Students and Research Fellows shall have access to and the use of the University laboratories, libraries and museums, subject to the provisions of any Ordinances and under such other conditions as the University Court, after consultation with the Senatus Academicus, may determine.
5. This Ordinance shall come into force at the beginning of the first academic year after the date of its approval by Her Majesty in Council.

II. AWARD OF POSTGRADUATE DIPLOMAS AND DEGREES

Resolution of the University Court, 2000 No.2

In exercise of the powers conferred by Section 3 of the Universities (Scotland) Act, 1966, the University Court of the University of St Andrews hereby resolves as follows: -

1. The University of St Andrews may confer (a) Graduate and Postgraduate Certificates and Diplomas in Arts, Divinity and Science, (b) the degree of Doctor of Languages (D.Lang.), (c) the degree of Doctor of Philosophy in Arts, Divinity and Science (Ph.D.) (d) the Degree of Master of Letters in Arts and Divinity (M.Litt.), (e) the degree of Master of Research in Science (M.Res), (f) the Degree of Master of Science in Science (M.Sc.), and (g) the Degree of Master of Philosophy in Arts, Divinity and Science (M.Phil.).
2. The Senatus Academicus, with the approval of the University Court, may from time to time make regulations on any matters for giving effect to this Resolution.
3. A candidate who has satisfied the Senatus Academicus that (s)he has attained the necessary standard, who has paid all fees required, and who has satisfied the other requirements of this Resolution and any regulations made thereunder, shall be entitled to receive the relevant Diploma or Degree.
4. Resolutions of the University Court 1992 No. 1 and 1992 No. 6 are hereby revoked.
5. This Resolution shall come into effect on the day on 27th October 2000.

Postgraduate Resolutions and Regulations 2010/11

III. DEGREE OF DOCTOR OF SCIENCE (D.Sc.)

Resolution of the University Court, 1974, No.3

1. The Degree of Doctor of Science (D.Sc.) may be conferred by the University of St Andrews.
2. The Senatus Academicus, with the approval of the University Court, may from time to time make regulations on any matters for giving effect to this Resolution: provided always that all such regulations shall be communicated to the General Council before receiving the approval of the University Court and any representations made thereon by the General Council within one calendar month of such communication shall be taken into consideration by the University Court before the regulations are finally approved.
3. Candidates who have satisfied the Senatus that they have attained the necessary standard, who have paid the fees required, and who have satisfied the other requirements of this Resolution and any regulation made thereunder, shall be entitled to receive the Degree of Doctor of Science.
4. From the date on which this Resolution comes into force Part III of the Ordinance No.338 (St Andrews No.5 1) shall be revoked.
5. This Resolution shall come into effect on 1st October 1974.

IV. DEGREE OF DOCTOR OF LETTERS (D.Litt.)

Ordinance No. 6, 1959

Scottish Universities (University of St Andrews Commissioners and Courts of the Universities of Glasgow, Aberdeen and Edinburgh), Ordinance No.6 approved by Her Majesty in Council, 13th May 1959, with effect from 1st October 1959, and Supplementary Regulations by the Senatus Academicus.

1. The Degree of Doctor of Letters (D.Litt.) may be conferred by each of the Scottish Universities.
2. Graduates of any of the Scottish Universities may offer themselves for the Degree of D.Litt. in that University after the expiry of seven years from the date of their first graduation therein.
3. Any persons who hold such office or offices in each of the said Universities as the Senatus may approve who are not already graduates of the University in which they hold such post or appointment may offer themselves for the Degree of Doctor of Letters in the University in which they hold office, after the expiry of four years' continuous tenure of one or more of these offices, posts or appointments, provided always that not less than seven years shall have elapsed from the date of their first graduation in any University.
4. A candidate for the Degree of D.Litt. shall present a published work or works accompanied by a signed declaration that he or she is the author thereof.
5. The Senatus shall appoint such professors, readers or lecturers in the University as it may think suitable to examine the work or works submitted by a candidate for the Degree and the University Court shall, after consultation with the Senatus Academicus, appoint an additional examiner or examiners to act along with them. Such additional examiner or examiners shall be of recognised eminence in the subject of the work or works presented by the candidate. The candidate shall be awarded the degree only if, in the opinion of the Senatus, on the recommendation of these examiners, the body of work shall be held to constitute an original and substantial contribution to humane learning.
6. The fee to be paid for examination for the degree shall be such sum as may from time to time be determined by the University Courts of the four Universities. Notwithstanding the provisions of the following Ordinances made by the respective University Courts, namely:-
No.158 (St Andrews No.35-Fees for Matriculation and Entrance)
No.160 (Glasgow No.4 1 -Fee for Matriculation)
No.197 (Aberdeen No.37-Fee for Matriculation)
No.156 (Edinburgh No.51-Fee for Matriculation)
or of any other Ordinances, candidates for examination or graduation shall not be required to pay a matriculation fee.
[The fee to be paid for Degree of Doctor of Letters shall be payable when the candidate presents his or her work or works to the Senatus Academicus.]
7. The Senatus of each University shall have power to make such additional regulations governing the conferment of the degree as may be approved by the University Court.

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8. The Degree of D.Litt. shall not be conferred upon a person who has not satisfied the conditions hereinbefore set forth, provided always that the Senatus of any of the four Universities may, at its discretion, permit candidates to offer themselves for the degree under the regulations previously in force during a period not exceeding five years from the date on which this Ordinance shall come into operation; and provided always that it shall be in the power of the Senatus of any of the four Universities to confer the Degree of D.Litt. honoris causa under such regulations as may be made by the Senatus with the approval of the University Court.
9. From the date at which this Ordinance comes into operation Sections IV, V, VI, VII, VIII, IX, XIV and XV of the said Ordinance No.62 (General No.24) are revoked, and Sections X, XII and XIII of that Ordinance are revoked so far as they refer to the Degrees of Doctor of Letters (D.Litt.) and Doctor of Philosophy (D.Phil.); the said Ordinance No.167 (General No.40) is revoked; Sections XLVIII to LV of Ordinance No.277 (St Andrews No.50) are revoked; Section LVI of that Ordinance, so far as the Degree of Doctor of Letters is concerned, is revoked; Sections VII to IX of Ordinance No.26 (Glasgow No.7) are revoked; Sections V, VI, VII, VIII and IX of the said Ordinance No.28 (Edinburgh No.10) are revoked; and Section I of Ordinance of the University Courts No.209 (General No.8-Fees for Graduation) is revoked so far as relating to the fee for the Degree of Doctor of Letters.

This Ordinance shall come into operation from the beginning of the academic year following the date of its approval by Her Majesty in Council.

V. DEGREES OF DOCTOR OF ENGINEERING (D.Eng.), MASTER OF ENGINEERING (M.Eng.) AND BACHELOR OF ENGINEERING (B.Eng.)

Resolution of the University Court, 2001 No.3

In exercise of the powers conferred by section 3 of the Universities (Scotland) Act, 1966, the University Court of the University of St Andrews hereby resolves as follows:-

1. The University of St Andrews may confer the degrees of Doctor of Engineering (D.Eng.), Master of Engineering (M.Eng.) and Bachelor of Engineering (B.Eng.)
2. The Senatus Academicus, with the approval of the University Court, may from time to time make regulations on any matters in order to give effect to this Resolution.
3. A candidate who has satisfied the Senatus Academicus that (s)he has attained the necessary standard, who has paid all fees required, and who has satisfied the other requirements of this Resolution and any regulations made thereunder, shall be entitled to receive the relevant degree.
4. This Resolution shall come into effect on 8th March 2002.

VI. DEGREE OF DOCTOR OF MEDICINE (M.D.)

Resolution of the University Court, 2003 No.2

In exercise of the powers conferred by section 3 of the Universities (Scotland) Act, 1966, and by section 1 of the University of St Andrews (Postgraduate Medical Degrees) Act 2002, the University Court of the University of St Andrews hereby resolves as follows:-

1. The University of St Andrews may confer the research degree of Doctor of Medicine (M.D.).
2. The Senatus Academicus, with the approval of the University Court, may from time to time make regulations on any matters in order to give effect to this resolution.
3. A candidate who has satisfied the Senatus Academicus that (s)he has attained the necessary standard, who has paid all fees required, and who has satisfied the other requirements of this resolution and any regulations made thereunder, shall be entitled to receive the degree of Doctor of Medicine.
4. This Resolution shall come into effect on July 4th, 2003.

2. SENATE REGULATIONS

A. REGULATIONS FOR RESEARCH STUDENTS AND APPOINTMENT OF RESEARCH FELLOWS

I Interpretation

1. In these Regulations, the following expressions shall have the meanings hereby assigned to them:-

"Teaching, Learning and Assessment Committee" means the "Teaching, Learning and Assessment Committee or the standing committee to which it may delegate the responsibility";

"Dean of Faculty" means the "Dean of the relevant Faculty or such other Faculty Officer to whom the responsibility has been delegated";

"Head of School" means the "Head of School or director of research institute or such other member of school or institute to whom the responsibility has been delegated".

"M.Litt". means "Master of Letters"

"M.Phil." means "Master of Philosophy"

"M.Res." means "Master of Research"

"M.Sc." means "Master of Science"

"D.Lang." means "Doctor of Languages"

"Ph.D." means "Doctor of Philosophy"

"M.D." means "Doctor of Medicine"

"D.Eng." means "Doctor of Engineering"

II Admission

1. Applicants for admission to postgraduate research study must make written application to the Postgraduate Admissions Office for consideration by the relevant School stating:-

- A. the nature of the academic or equivalent qualifications which they already possess;
- B. the nature of the research they wish to pursue;
- C. the names of at least two individuals who will be prepared to comment on their suitability as research students.

2. On receipt of the application the Head of School must be satisfied that:-

- A. the applicant is suitably qualified;
- B. the research can be carried out effectively with the facilities available in the University or in exceptional circumstances in any institution approved by the Dean of Faculty;
- C. a professor, reader or lecturer in the University, or in exceptional circumstances some other properly qualified person, is prepared to supervise the work OR that adequate and appropriate supervision can be provided.
- D. an application for a research degree is considered by more than one member of the School's staff, at least one of whom should be research active, and with experience of the subject area.

The Head of School may recommend admission of applicants, who satisfy conditions A.-C. The Provost of St Leonard's College has overall responsibility to monitor the management of postgraduate study.

3. Admitted applicants will normally be full-time students although those in full-time employment may not be so registered except with the written permission of their employer. Members of staff of the University may be permitted to register full-time if they can satisfy the Business Committee of that Faculty that: -

- A. where they are funded from external sources, these bodies have given their permission;
- B. the work on which they are engaged as full-time employees of the University is of sufficient scope and originality as to be appropriate for study as part of a higher degree;
- C. the level and character of supervision offered to the member of staff is in no way incompatible with that normally associated with study for a higher degree;
- D. that, to qualify for staff rates of fees, they satisfy the requirements that their contract must begin before or simultaneously with, the start of the degree course. Proof of staff status will be required prior to matriculating each year.

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No students of the University who subsequently become employees during their studies are eligible for these concessions. Part-time students are only eligible if their contracts of employment reach the minimum 18.125 hours per week or 0.5fte and are on either a teaching contract of 10 months or more, or a non-teaching contract of 12 months or more.

Employees of the University who claim the concessionary staff rate may not simultaneously hold University scholarships or UK Research Council Scholarships for fees or living costs, and must have the permission of the head of their employing unit, and the Head of the School in which they will undertake the study, to apply for the concessionary fee.

Eligibility will be assessed by the Academic Registrar alone.

Where full-time registration by a member of staff is approved the appropriate full-time fee will be payable. Notwithstanding, members of staff in either full-time or part-time employment may choose to study part-time. Other applicants, who are not members of staff, may study part-time only if they can satisfy the Senatus Academicus that inadequate time is available for full-time study.

4. Overseas students whose first language is not English must provide evidence of competence in written and spoken English as well as meeting the other entrance requirements. A satisfactory result in a recognised test of English language competence, e.g. I.E.L.T.S. or T.O.E.F.L. is acceptable. This test should be taken in the student's home country. If a student is admitted who does not have satisfactory scores, she/he is required to attend, and to attain a satisfactory standard in, a course in St Andrews in language, study skills and cultural orientation before the session begins.
5. Every research student shall be required to matriculate and pay the appropriate fee. All fees are subject to annual revision and the revised fees will apply to all students.

III Student Progress

1. All postgraduate research students and supervisors are required to conduct their research and supervision in accordance with the requirements of the University's Codes of Practice for Supervisors and Students in Taught and Research Postgraduate Programmes.
2. All postgraduate research students shall be allocated supervision in accordance with the Codes of Practice for Supervisors and Students in Research Postgraduate Programmes.
3. All postgraduate research students are required to undertake postgraduate study and training as is laid down by the Teaching, Learning and Assessment Committee and by the Head of School in which they undertake their research. This training is initially drawn up in a "schedule of research skills needs" at first matriculation and should include training in research methods and appropriate generic and transferable skills.
4. All research students will undergo a review conducted by the Head of School to determine whether progress is satisfactory and to determine the course of subsequent registration. This review will normally be conducted after six months (one year in the case of part-time students) and no later than twelve months after the initial date of matriculation as a research student. The Head of School will report to the appropriate Faculty Business Committee the result of the review and will recommend registration for the degree of Ph.D., or D.Lang., or M.D., or D.Eng., or M.Phil., or M.Litt., or M.Res., or M.Sc., or for the Postgraduate Diploma, as appropriate. Further progress reviews will be made on an annual basis as appropriate. Such reviews will examine progress made with the schedule of research training needs.
5. If serious problems emerge regarding a student's progress at times other than the annual review the matter must be reported to the Head of School. After discussions with both supervisors and if the Head of School is satisfied that a problem exists the student should be warned in writing with a copy to the relevant Dean. If problems persist the Head of School may recommend termination of studies to the Dean and the matter will be decided by the Faculty Business Committee who alone have the right to terminate a student's studies.
6. A research student shall have the right of appeal against a decision made under the procedures in 4 and 5, above. in accordance with the Senate Code of Practice on Appeals, Complaints and Discipline.
7. If academic misconduct relating to work assessed as part of a qualification awarded by the University of St Andrews is at any time proven against someone holding such a qualification, the University reserves the right to withdraw or reclassify the qualification awarded.

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B. POSTGRADUATE DIPLOMAS AND DEGREES OF MASTER OF LETTERS, MASTER OF SCIENCE, MASTER OF RESEARCH AND MASTER OF PHILOSOPHY

I Interpretation

1. In these Regulations, the following expressions shall have the meanings hereby assigned to them: -

"Teaching, Learning and Assessment Committee" means the "Teaching, Learning and Assessment Committee or the standing Committee to which it may delegate the responsibility";

"Dean of Faculty" means the "Dean of the relevant Faculty or such other Faculty Officer to whom the responsibility has been delegated";

"Head of School" for the "Head of School or director of research institute or such other member of school or institute to whom the responsibility has been delegated".

"M.Litt." means "Master of Letters"

"M.Sc." means "Master of Science"

"M.Phil." means "Master of Philosophy"

"M.Res." means "Master of Research"

"Taught degree Programme" for "programme of study for the award of Postgraduate Certificate, Postgraduate Diploma, M.Litt., M.Sc., M.Phil."

2. All programmes leading to Postgraduate certificates, diplomas of Masters Degrees must accord with the SCQF framework.

II Postgraduate Certificates, Diplomas and Postgraduate Degrees with a Taught Element

1. A candidate who has, over a period of not more than one semester for a full-time student, and two semesters for a part-time student:-

- A. gained at least 60 credits in an approved Programme; and
- B. satisfied the Committee of Examiners for that Programme; and
- C. satisfied the fee requirement,

shall be awarded the Graduate Certificate or Postgraduate Certificate as appropriate to their level of study.

2. A candidate who has, over a period of not more than one year for a full-time student, and two years for a part-time student:-

- A. gained at least 120 credits in an approved Programme; and
- B. satisfied the Committee of Examiners for that Programme; and
- C. satisfied the fee requirements,

shall be awarded the Graduate Diploma or Postgraduate Diploma as appropriate to their level of study.

3. A candidate who has, over a period of not more than two semesters for a full-time student, or the part-time equivalent:-

- A. gained at least 120 credits, of which 90 credits must be at 5000 level or above, in an approved Programme; and
- B. satisfied the Committee of Examiners for that Programme; and
- C. satisfied the fee requirements,

shall be awarded the Postgraduate Diploma

4. Unless otherwise stated in an agreement with another institution, a candidate who has:-

- A. gained at least 180 credits in an approved Programme over a period of not more than one year for a full-time student and two years for a part-time student, submitted a dissertation or equivalent, and satisfied the Committee of Examiners in the assessments for that Programme and in the dissertation; and
- B. satisfied the fee requirements, shall be awarded the degree of M.Litt. or M.Sc. or M.Res., as appropriate.

5. A candidate who has:-

- A. gained at least 120 credits in an approved Programme over a period of not more than one year for a full-time student and two years for a part-time student and satisfied the Committee of Examiners in the assessment for the Programme; and

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B. submitted a thesis completed during a further period of twelve months (or its equivalent for a part-time student) or, within a programme approved by the Faculty Business Committee, the equivalent and appropriate alternative assessment and

C. satisfied the fee requirements,

shall, if the thesis is approved, be awarded the degree of M.Phil.

6. The Postgraduate MSc or MLitt Erasmus Mundus Masters (Dual/Multiple award) will be awarded for the completion of a programme consisting of at least 180 credits at 5000 level. A minimum 50% of the credits obtained must be completed at St Andrews or as part of a previously approved joint programme offered with another HE institution. The remaining credits must be completed at an already recognised institution or institutions as part of an approved Erasmus Mundus agreement. The degree awarded by St Andrews will indicate that the MSc/MLitt Erasmus Mundus Masters (Dual/Multiple) was completed in association with the Partner Institutions. Students who undertake such a programme and achieve 120 credits, of which at least 60 credits were from the University of St Andrews, but select not to progress to one of the partner institutions may be awarded a Postgraduate Diploma.

III Admission

1. To qualify for admission to a taught degree Programme a candidate must have obtained a degree from a university of the United Kingdom or other qualification(s) deemed equivalent by the Teaching, Learning and Assessment Committee. Suitably qualified applicants may be admitted direct to the second year of studies leading to the degree of M.Phil.
2. The following categories of student may make application to the Faculty Business Committee to have their registration transferred to study for the degree of M.Litt. or M.Sc. or M. Res. and may count towards the requirement of that degree such number of months of full-time study (or their part-time equivalent) as have been completed since their date of first matriculation:-
 - A. students who have satisfactorily completed six months of study under Research Ordinance 12;
 - B. students attending a Postgraduate Diploma Programme who, on the recommendation of their supervisor, are deemed able to submit a dissertation of sufficient quality. Students who gain the requisite grades in the taught element are automatically entitled to continue to the dissertation.
3. The following categories of student may make application to the Faculty Business Committee to transfer to the second year of study for the degree of M.Phil. and may count towards the requirement of that degree such number of months of full-time study (or their part-time equivalent) as have been completed since their date of first matriculation:
 - A. students who have satisfactorily completed six months of study under Research Ordinance 12 and who are deemed fit to undertake independent research;
 - B. students attending a taught Programme who, on the recommendation of their supervisor, are deemed fit to undertake independent research.
4. Applications for admission to a taught postgraduate programme must be submitted to the Postgraduate Admissions Office, which shall have power, after consultation with the relevant School/s, to admit applicants who are deemed to satisfy the requirements referred to in this Regulation.

IV Full-time and Part-time Study

1. Applicants will be admitted only as full-time students, except in the case of members of the University staff, or entrants to such Postgraduate Diploma Programmes as the Senatus Academicus may approve, or direct entrants to the second year of study for the degree of M.Phil.
2. All students shall, for the duration of a Programme taught solely in St Andrews, be resident in St Andrews or its immediate vicinity.
3. The Faculty Business Committee may permit candidates for the degree of M.Phil. who have been permitted to proceed to the second year of study to prosecute their studies elsewhere than in the University, provided that the Dean of Faculty is satisfied that the necessary facilities exist for the prosecution of the research and that it is being carried out under adequate supervision.
4. Students may be admitted to, or be permitted to transfer to, part-time study if they can satisfy the Faculty Business Committee that inadequate time is available for full-time study.

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V Nature and Duration of the Postgraduate Diploma Programme

1. The Senatus Academicus, on the recommendation of the Teaching, Learning and Assessment Committee, shall prescribe the subjects in which taught Programmes may be offered.
2. Each Postgraduate Diploma Programme shall last for not less than nine months and not more than twelve months for full-time students, and normally not less than twenty-one months and no more than twenty-four months for applicants admitted as part-time students.
3. Each Postgraduate Diploma Programme shall consist of modules worth at least 120 credits.
4. The Teaching, Learning and Assessment Committee shall approve, for each Programme, the modules which are available to students on that Programme and, for each module, the method of assessment and the credits to be awarded to a student who gains a pass grade in that module.
5. The assessment for a module shall be by examination, by continuous assessment of course work, or by a combination of both.
6. The Head of School shall appoint a person to supervise the student's studies, to whom the student shall report at least monthly and on such other occasions as the supervisor may require. In exceptional circumstances, the Head of School may appoint an additional supervisor from within or outwith the University. Where a student requires to study for a period outwith St Andrews, the Faculty Business Committee shall appoint an additional external supervisor. Nominations of supervisors and changes of supervisors must be reported to the Dean of Faculty.
7. Candidates whose progress is deemed by the Head of School to be unsatisfactory may be required by the Faculty Business Committee to terminate their studies at any time of the year. Students who fail to satisfy the requirements of a module by failure to submit work within stipulated deadlines and after due warning, or who have been absent from the teaching of a module for 3 continuous weeks, shall, save in exceptional circumstances and with the permission of the Associate or Pro Dean of the relevant Faculty, have forfeited the right to continue to attend the module, and shall have their studies terminated.
8. All students shall matriculate in each year of study, and shall commence their studies no later than two weeks after the beginning of the Programme.

VI Registration

1. A student's progress shall be reviewed at the end of the first semester of study, and any recommendation for re-registration by the supervisor in consultation with the Head of School shall be made to the Dean of Faculty.

VII Examinations

1. Each candidate shall be examined by a Board of Examiners, consisting of the professors, readers and lecturers and any staff nominated through the Dean to the Board of Examiners who conduct the Programme and such external examiner(s) as the Teaching, Learning and Assessment Committee may appoint.
2. Having completed all the work of a module, candidates shall complete the assessment for the module by the end of the diet of examinations held at the end of the semester in which teaching for the module ceases.
3. If a candidate fails to complete the assessment for a module through illness or other good cause, the Board of Examiners may arrange such special examinations outside the normal diet and/or examine such submitted work as they deem necessary.
4. Where a student fails the assessment for a module, the Board of Examiners may offer a re-assessment, the exact form of which must be approved by the External Examiner. Reassessed work will be marked either pass or fail. It will not be graded on the 20-point scale. A student who achieves a Pass may be eligible for the Certificate or Diploma but not the Masters.
5. A written report, signed by the Board of Examiners, on each candidate who completes the Graduate Certificate or Diploma Programmes shall be submitted to the Dean of Faculty and shall recommend that:-
 - A. in the case of a candidate for the Graduate Certificate either:
 - i. the Graduate Certificate be awarded; or
 - ii. the candidate be allowed to re-register for either the Graduate Diploma.; or
 - iii. the candidate not having achieved the required standard, no award should be made.

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- B. in the case of a candidate for the Graduate Diploma either:
 - i. the Graduate Diploma be awarded; or
 - ii. the candidate not having achieved the required standard, the Graduate Certificate be awarded.; or
 - iii. the candidate not having achieved the required standard, no award should be made.
- C. in the case of a candidate for the Postgraduate Certificate either:
 - i. the Postgraduate Certificate be awarded; or
 - ii. the candidate be allowed to re-register for the Postgraduate Diploma; or
 - iii. the candidate not having achieved the required standard, no award should be made.
- D. in the case of a candidate for the Postgraduate Diploma either:
 - i. the Postgraduate Diploma be awarded; or
 - ii. the candidate be allowed to re-register for the degree of either M.Litt., M.Sc., M.Phil. or M.Res; or
 - iii. the candidate not having achieved the required standard, the Postgraduate Certificate be awarded; or
 - iv. the candidate not having achieved the required standard, no award should be made.
- E. in the case of a candidate for the degree of M.Litt. or M.Sc. or M.Res. either:-
 - i. the candidate be allowed to re-register for the degree of M.Phil.; or
 - ii. the candidate be allowed to proceed to present the dissertation; or
 - iii. the candidate be awarded the Postgraduate Diploma; or
 - iv. the candidate not having achieved the required standard, no award should be made.
- F. in the case of a candidate for the degree of M.Phil. either:-
 - i. the candidate be allowed to proceed to the second year of study; or
 - ii. the candidate be allowed to re-register for the degree of M.Litt. or M.Sc. or M.Res.; or
 - iii. the candidate be awarded the Graduate Diploma; or

the candidate not having achieved the required standard, no award be made.

Students who attain the appropriate grade may, at the discretion of the Board of Examiners, be recommended for the award of the degree / diploma with Distinction in relation to the whole, or to the dissertation, or the taught component.

- 6. The supervisor shall provide candidates who are proceeding to studies for the degree of M.Litt. or M.Sc. or M.Phil. or M.Res. with a report of their performance in the Postgraduate Diploma Programme.

VIII Dissertation for M.Litt., M.Sc. and M.Res.

- 1. The dissertation shall be submitted not later than twelve months from the date of the commencement of the Programme or the equivalent for part-time students, or according to specific regulations pertinent to the programme of study. Exceptionally a candidate may be permitted a further period of three months in which to submit the dissertation.
- 2. Unless otherwise stated in an agreement with another institution or, with the special permission of the Faculty Business Committee, the dissertation shall be written in English and shall not exceed 15,000 words. Within a programme approved by the Faculty Business Committee, the dissertation may be replaced by a form of assessment which has equivalent academic standing.
- 3. The dissertation shall be prefaced with a declaration that it has been composed by the candidate, that the work of which it is a record has been done by the candidate alone, and that it has not been accepted in any previous application for any degree.
- 4. Two copies of the dissertation shall be submitted and shall be typed and stapled or bound but shall not be required to be deposited in the University Library. One copy may, however, be retained in the School.
- 5. The dissertation shall be examined by at least two examiners one of whom shall be an external examiner appointed by the Teaching, Learning and Assessment Committee.

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6. The Board of Examiners shall, on the basis of the written report of the examiners for the taught class examination and of their assessment of the dissertation and, if applicable, any oral examination required, recommend to the Senatus Academicus, through the Faculty Business Committee, either:-
 - A. that the degree of M.Litt. or M.Sc or M.Res. be awarded; or
 - B. that, in the event of the Dissertation not reaching the required standard, the Graduate Diploma be awarded (unless otherwise stated in an agreement with another institution).

The Board of Examiners may recommend the award of the degree with Distinction in relation to the whole or the dissertation or the taught component.

7. A candidate who has been permitted to proceed to the dissertation element of the M.Litt. or M.Sc. or M.Res. but does not submit the dissertation may apply to the Senatus Academicus for the award of the Postgraduate Diploma.

IX Thesis for M.Phil.

1. The thesis shall be submitted not later than the end of the second year of study, or the equivalent period for a part-time student. Exceptionally a candidate may be permitted a further period of six months within which to submit the thesis. The thesis is expected to constitute an original contribution to knowledge consistent with what may reasonably be expected of a diligent student after one year of full-time research. It should be clearly written, well argued and should indicate a satisfactory knowledge of the field of study.
2. The topic of the thesis shall be registered with the Dean of Faculty not later than the start of the session following the satisfactory completion of the Postgraduate Diploma Programme. Candidates admitted direct to the second year of study shall register their topic within three months of matriculation.
3. The thesis shall be written in English unless, where the original intention was a PhD, the Faculty Business Committee has given special permission for another language to be used.
4. The normal maximum length of the thesis will be 40,000 words, excluding bibliography. Within a programme approved by the Faculty Business Committee, the thesis may be replaced by a form of assessment which has equivalent academic standing.
5. Three complete copies of the thesis shall be submitted in typescript and in secure but temporary binding. There shall be an adequate margin on each page. After the examination has been completed, one copy shall be bound in an approved style at the candidate's expense and shall be deposited in the University Library. The candidate shall also, unless previously agreed, provide an electronic copy of the thesis in an approved format.
6. An abstract (not exceeding 300 words in length) of the thesis shall be submitted for the approval of the examiners. In the case of a thesis written in a foreign language there shall be a summary in English of between 1,000 and 3,000 words, in addition to an abstract in English. The abstract (and, where appropriate, the summary) shall be bound in with the thesis.
7. In exceptional circumstances the Faculty Business Committee may give permission for the thesis to be presented in a different medium.
8. The introduction to the thesis shall be prefaced by:-
 - A. a declaration that the thesis has been composed by the candidate, that the work of which it is a record has been done by that candidate, and that it has not been accepted in any previous application for any degree;
 - B. a statement of the date of the candidate's admission as a research student;
 - C. a statement by the supervisor that the Regulations have been fulfilled; and
 - D. a statement of access or embargo to print and/or electronic copy of the thesis;
 - E. where a third party has been utilised to correct the written language in the thesis, a statement indicating that such assistance has been used.
9. The thesis shall give evidence of the candidate's capacity for independent research.
10. Reprints of published papers are not accepted in lieu of the formal thesis, which should take the form of a specially composed monograph.
11. For the thesis at least two examiners shall be appointed, one of whom must be an external examiner. The supervisor may not normally be a member of the Examining Committee, although the Examining Committee may invite the supervisor to submit a report and attend any oral examination deemed necessary by the examiners.

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12. The examiners shall recommend to the Faculty Business Committee either:-
 - A. that the thesis be approved and the degree of MPhil. be awarded, save for the making of any purely typographical corrections and revisions; or
 - B. that the thesis be not accepted in its present form but that the candidate be given the opportunity to make minor corrections to the thesis within a period of three months of the date of the examination, and that upon the Convener of the committee being satisfied that these minor corrections have been effected, the thesis be approved and the degree of MPhil. be awarded; or
 - C. that the thesis be not accepted in its present form but that the candidate be given the opportunity to revise the thesis and resubmit it for re-examination within six months from the date of intimation to the candidate of the decision of the Faculty Business Committee—this recommendation meaning that the candidate must resubmit a corrected thesis, pay a resubmission fee, and be re-examined, though the examiners have the right to waive a further oral examination; or
 - D. that the thesis be rejected, and that the candidate be awarded the degree of MLitt, or MSc; where so qualified; or
 - E. that no award be made. This may not be the recommendation at the first presentation of the thesis.
13. The Faculty Business Committee, having satisfied itself that all requirements of the Regulations have been observed, shall transmit the joint recommendations of the examiners to the Senatus Academicus.
14. A student who has been permitted to proceed to the M.Phil dissertation but who does not submit the thesis may apply to the Senatus Academicus for the award of the degree of MLitt or MSc or Postgraduate Diploma where so qualified.

X Resubmission

1. If a recommendation to the Senatus Academicus is made for resubmission by an examining committee the candidate shall receive in writing from the convener of the committee a detailed list of corrections and revisions deemed to be necessary by the examiners. The candidate shall be expected to take these into account in any resubmission of the thesis.
2. On resubmission of the thesis and payment of the appropriate fee the examining committee shall be reconvened and a further examination be conducted. The convener of the committee may recommend to the Dean of Faculty that the requirement of the oral examination be waived, if it is the unanimous opinion of the examining committee that the thesis should be accepted.
3. In the event of an oral examination being required, the Dean of Faculty shall recommend the appointment of an appropriate neutral third party observer.
4. If the original examining committee cannot be reconvened then the Senatus Academicus shall have the power to appoint a new committee to examine the thesis.
5. The examining committee shall make one of the following recommendations to the Senatus Academicus:
 - A. that the thesis be approved and the degree of M.Phil. be awarded; or
 - B. that the thesis be rejected, and that the candidate be awarded the degree of MLitt or MSc where so qualified; or
 - C. that no award be made.

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C. MASTER OF PHILOSOPHY IN TRAVEL MEDICINE

I Interpretation

1. In these Regulations, the following expressions shall have the meanings hereby assigned to them: -

“Dean of Faculty” means the “Dean of the Faculty of Medicine or such other Faculty Officer to whom the responsibility has been delegated”;

“Head of School” for the” Head of School or director of research institute or such other member of school or institute to whom the responsibility has been delegated”.

“M.Phil.” means “Master of Philosophy”

“Programme” for “programme of study for the award of the M.Phil in Travel Medicine.”

“subcommittee” for “Travel Medicine subcommittee”

II Award of Postgraduate Degree

1. A candidate who has:-

A. submitted a thesis completed during a period of two years for a part-time student (or its equivalent for a full-time student); and

B. satisfied the fee requirements,

Shall, if the thesis is approved, be awarded the degree of M.Phil.

2. The award of the M.Phil in Travel Medicine may not be claimed as a qualification to practice medicine.

III Admission

1. To qualify for admission to the MPhil in Travel Medicine, a candidate must have obtained a degree Diploma in Travel Medicine (worth 120 credits at SCQF Level 10) awarded by the Royal College of Physicians and Surgeons in Glasgow at a level deemed high enough by the Dean of Medicine. Equivalent qualifications may also be acceptable.

IV Part-Time and Full-time Study

1. Applicants will normally be admitted as part-time students.
2. Candidates for the degree of M.Phil. in Travel Medicine will pursue their studies at an external location provided that the Dean is satisfied that the necessary facilities exist for the pursuit of the research and that it is being carried out under adequate supervision.
3. Students may be admitted to, or be permitted to transfer to, full-time study if they can satisfy the Faculty Business Committee that adequate time is available for full-time study.

V Nature and Duration of the M.Phil. in Travel Medicine Programme

1. The Faculty Business Committee will arrange a committee, the Travel Medicine Sub Committee, to oversee the running of this degree programme with representation from both within and outwith St Andrews as deemed appropriate by the Senatus Academicus. This Sub Committee will, *inter alia*, oversee the choice of projects, supervisors and the elements of coursework required for the degree.
2. The programme shall last for not less than two years for part-time students or the equivalent for full-time students.
3. The assessment for taught elements of this programme shall be by examination, continuous assessment of course work, or combination of both.
4. Details of each student’s programme of study shall normally, within three months of the commencement of the course, be submitted for the approval of the Faculty Business Committee; no student may repeat any element of this programme, previously taken for another degree.
5. The Sub Committee shall appoint a person to supervise the student’s studies, to whom the student shall report at least monthly and on such other occasions as the supervisor may require. In exceptional circumstances, the Sub Committee may appoint a supervisor from outwith the University. Where a student requires to study for a period outwith St Andrews, the Faculty Business Committee shall appoint an additional external supervisor. Nominations of supervisors and changes of supervisors must be reported to the Faculty Business Committee.
6. Students must attend and satisfactorily complete an introductory residential course (1 week) covering research methods, epidemiology and statistics.

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7. A pilot study of about 5000–8000 words will be undertaken and written up, including a literature review, report of findings and lessons learned from the pilot. This will be discussed, in preparation for the full MPhil project, in a second residential course (1-2 weeks).
8. In order to progress, students must satisfactorily complete both residential courses.
9. Students whose progress is deemed by the Head of School to be unsatisfactory may be required by the Faculty Business Committee to terminate their studies at any time of the year. Students who fail to satisfy the requirements of the programme of study by failure to submit work within stipulated deadlines and after due warning, or who have been absent from the teaching of the compulsory residential elements of the degree, shall, save in exceptional circumstances and with the permission of the Dean of Faculty, have forfeited the right to continue and shall have their studies terminated.
10. All students shall matriculate in each year of study, and shall commence their studies no later than two weeks after the beginning of the Programme.
11. Students undertaking this Programme over two years will attend the ‘second’ residential course in both years, presenting an abbreviated outline of the pilot study on the first occasion and a more comprehensive version in their second year.
12. The pilot study must be judged, by the Travel Medicine Sub Committee, to have reached an acceptable standard before the student will be permitted to proceed to the submission of a thesis.

VI Registration

1. A student’s progress shall be reviewed at the end of the first semester of study and at the end of the second residential course, and any recommendation for discontinuation of study or change to registration by the supervisor in consultation with the Head of School shall be made to the Dean of Faculty. At the same time or as soon as possible thereafter, the supervisor shall register with the Dean of Faculty the topic of the thesis.

VII Thesis for M.Phil.

1. The thesis shall be submitted not later than the end of the second year of study, or the equivalent period for a full-time student. Exceptionally a student may be permitted a further period of six months within which to submit the thesis. The thesis shall constitute an original contribution to knowledge. It shall be clearly written, well argued and shall indicate a satisfactory knowledge of the field of study.
2. The topic of the thesis shall be registered with the Dean of Faculty not later than three months after matriculation.
3. The normal length of the thesis will be 20,000–25,000 words, with a maximum length 40,000 words, excluding bibliography.
4. Three complete copies of the thesis shall be submitted in typescript and in secure but temporary binding. There shall be an adequate margin on each page. After the examination has been completed, one copy shall be bound in an approved style at the candidate’s expense and shall be deposited in the University Library. The candidate shall also, unless previously agreed, provide an electronic copy of the thesis in an approved format.
5. An abstract (300-500 words in length) of the thesis shall be submitted for the approval of the examiners. In the case of a thesis written in a foreign language there shall be a summary in English of between 1,000 and 3,000 words, in addition to an abstract in English. The abstract (and, where appropriate, the summary) shall be bound in with the thesis.
6. In exceptional circumstances the Faculty Business Committee may give permission for the thesis to be presented in a different medium.
7. The introduction to the thesis shall be prefaced by:-
 - A. a declaration that the thesis has been composed by the student, that the work of which it is a record has been done by that candidate, and that it has not been accepted in any previous application for any degree;
 - B. a statement of the date of the candidate’s admission as a research student;
 - C. a statement by the supervisor that the Regulations have been fulfilled; and
 - D. a statement that either access to the thesis in the University Library shall be unrestricted or that with the approval of the Faculty Business Committee access shall be restricted under stated

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conditions for a period up to a maximum of five years.

- E. where a third party has been utilised to correct the written language in the thesis, a statement indicating that such assistance has been used.
8. The thesis shall give evidence of the candidate's capacity for independent research.
 9. Reprints of published papers are not accepted in lieu of the formal thesis, which should take the form of a specially composed monograph.
 10. For the thesis at least two examiners shall be appointed, one of whom must be an external examiner. The supervisor may not normally be a member of the Examining Committee, although the Examining Committee may invite the supervisor to submit a report and attend any oral examination deemed necessary by the examiners. In such cases where it is necessary for the supervisor to be an internal examiner, then a second external examiner shall be appointed.
 11. The examiners shall recommend to the Faculty Business Committee either:-
 - A. that the thesis be approved and that the degree be awarded, subject to making any purely typographical corrections and revisions; or
 - B. that the thesis be approved and the degree awarded on condition that such minor adjustments/ corrections as are required by the examiners are made within a period of three months from the date of intimation to the candidate by the convener; or
 - C. that the thesis be not accepted in its present form but that the candidate be given the opportunity to revise the thesis and to resubmit it within a period of six months from the date of intimation to the candidate of the decision of the Senatus; or
 - D. that the thesis be rejected and that no award be made.
 12. The Faculty Business Committee, having satisfied itself that all requirements of the Regulations have been observed, shall transmit the joint recommendations of the examiners to the Senatus Academicus.

VIII Resubmission

1. If a recommendation to the Senatus Academicus is made for resubmission by an examining committee the candidate shall receive in writing from the convener of the committee a detailed list of corrections and revisions deemed to be necessary by the examiners. The candidate shall be expected to take these into account in any resubmission of the thesis.
2. On resubmission of the thesis and payment of the appropriate fee the examining committee shall be reconvened and a further examination be conducted. The convener of the committee may recommend to the Dean of Faculty that the requirement of the oral examination be waived, if it is the unanimous opinion of the examining committee that the thesis should be accepted.
3. In the event of an oral examination being required, the Dean of Faculty shall recommend the appointment of an appropriate neutral third party observer.
4. If the original examining committee cannot be reconvened then the Senatus Academicus shall have the power to appoint a new committee to examine the thesis.
5. The examining committee shall make one of the following recommendations to the Senatus Academicus:
 - A. that the thesis be approved and the degree of M.Phil. be awarded; or
 - B. that the thesis be rejected, and that no award be made.

D. DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

I Interpretation

1. In these Regulations, the following expressions shall have the meanings hereby assigned to them:-
 - "Teaching, Learning and Assessment Committee means the "Teaching, Learning and Assessment Committee or the standing Committee to which it may delegate the responsibility";
 - "Dean of Faculty" means the "Dean of the relevant Faculty or such other Faculty Officer to whom the responsibility has been delegated";
 - "Head of School" means the "Head of School or director of research institute or such other member of school or institute to whom the responsibility has been delegated".
 - "Ph.D." means "Doctor of Philosophy and for the purposes of these regulations is understood to include D.Lang. (which means Doctor of Languages) when D.Lang. is not explicitly stated"
 - "M.Litt." means "Master of Letters"
 - "M.Phil". means "Master of Philosophy"

II Admission

1. The Senatus Academicus may admit as candidates for the Degree of Ph.D. persons who have been admitted as research students of the University and who have been recommended to register as Ph.D. students by the Faculty Business Committee. In exceptional circumstances the Senatus Academicus may admit as a candidate for the degree of Ph.D. a student who can satisfy the Dean of Faculty that (s)he already has adequate qualifications and for whom a supervisor can be appointed.
2. A Ph.D. student shall matriculate and pay the appropriate fee each year.
3. Before admission as a candidate for the degree of D.Lang. a postgraduate student must have qualified for the award of the degree of M.Litt. within the School of Modern Languages.
4. The Senatus Academicus may enter into an agreement with other universities including those overseas to permit joint supervision of students studying for doctorates leading to joint degrees.
 - A. Where such agreements have been made, the Senatus Academicus may admit a student who can satisfy the Dean of Faculty that (s)he is adequately qualified and that suitable supervisory and monitoring arrangement(s) can be made in both institutions into a jointly supervised Degree Programme.
 - B. Appropriate joint Agreement(s) shall be signed between the two institutions. The purpose of the Agreement(s) is:
 - i. to delineate the collective and individual responsibilities of the Institutions in relation to the provision, management, monitoring, evaluation and development of the Programmes.
 - ii. to agree a Programme for each individual student.
 - C. One of the two institutions will act as the lead institution and the student will then be subject to the academic regulations of the lead institution.
 - D. An appropriate arrangement as to payment and distribution of fees will be made between the two institutions concerned.
 - E. There is no requirement for such students studying for a D.Lang to qualify first for an M.Litt.

III Full-time and Part-time Study

1. Candidates in full-time employment may not register as full-time students except with the written permission of their employer.

IV Duration and Place of Study

1. Every candidate for the Degree of Ph.D., except under 2 below, shall pursue a course of special study or research in the University of St Andrews during a period of three years or its equivalent for part-time students.
2. Where students have been admitted under II (4) their studies will be pursued in both institutions for such periods of time as are jointly agreed or, with the permission of the Deans or similar Faculty Officers of both institutions, at an external location provided that the Deans are satisfied that the necessary facilities exist for the pursuit of the special study or research and that it will be done under adequate supervision.

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3. The Senatus Academicus shall have the power to permit candidates on the recommendation of the Faculty Business Committee to pursue elsewhere their special study and research during the whole or part of the period, provided that the Senatus is satisfied that the necessary facilities exist for the pursuit of the special study or research and that it is being done under adequate supervision.
4. Where a supervisor joins the staff of the University of St Andrews, the Faculty Business Committee shall have the power to admit the Ph.D. students of that member of staff to the University, accrediting the research performed by that student in his/her previous institution. The student will be able to graduate with a Ph.D. from the University of St Andrews if the period of full registration at St Andrews equals or exceeds one year. If the student's full registration at St Andrews is less than one year, then the student can be admitted to the University but will have to submit the research for examination by the original institution. It is the incoming student's responsibility to ensure that such arrangements do not infringe the regulations of the original institution.
5. Work done during any academic year may be reckoned as having been pursued over twelve months for a full-time student and over six months for a part-time student, unless otherwise agreed by the Dean of Faculty on the recommendation of the supervisor.
6. Work done during a summer vacation may be reckoned as having been carried out during three months (six weeks for part-time students) provided that the supervisor certifies it as being equivalent to three months of full-time study (or six weeks of full-time study for part-time students).
7. The thesis shall be normally presented after 3 years and after no more than 4 years of study as a matriculated student or the equivalent for part-time students, except where external bodies stipulate otherwise. Exceptionally the thesis may be presented after 2 years of study as a matriculated student, or the equivalent for part-time students.

V Nature of Study

1. The degree of Ph.D. is granted only for original research or higher study the result of which is presented in a specially composed thesis or as a portfolio of published work. The original research or higher study must be carried out on a topic approved by the Head of School who shall appoint a supervisor. The thesis or portfolio shall constitute a significant and original contribution to knowledge or understanding consistent with what may reasonably be expected of a diligent student after three years of full-time study. It should be clearly written, well argued and should indicate a satisfactory knowledge of the field of study. It should contain material worthy of publication in some form.
2. All research students and supervisors are required to conduct their research and supervision in accordance with the requirements of the University's Code of Practice for Supervisors and Students in Taught and Research Postgraduate Programmes.
3. The work of all Ph.D. students will be reviewed annually prior to the submission of the thesis and the results reported to the Dean of Faculty. The first annual review, which will be conducted by the Head of School and which will normally occur at the end of the first year of study after registration as a general research student, will recommend either continuance of registration as a Ph.D. student or transfer of registration to that of an M.Phil. student. The second annual review will take place by the end of the second year of study. An important part of this review is to produce an agreed timetable for submission of the thesis.

V1 Methods for Presentation

1. Candidates for the Degree of PhD may be examined by one of two methods. Normally the candidate will be expected to submit a thesis embodying the results of his or her special study or research. Alternatively, a candidate may apply to be examined for the Degree of PhD on the basis of a portfolio of published work.

VII Thesis

1. The thesis shall be written in English and should take the form of a specially composed monograph. In exceptional circumstances, or routinely for the School of Modern Languages, the Faculty Business Committee may give permission for another language to be used.
2. The normal maximum length of the thesis will be 80,000 words excluding bibliography.
3. Three complete copies of the thesis shall be submitted in typescript and in secure but temporary binding. There shall be an adequate margin on each page. After the examination has been completed, one copy shall be bound in an approved style at the candidate's expense and shall be deposited in the University Library. The candidate shall also, unless previously agreed, provide an electronic copy of the thesis in an approved format.

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4. In exceptional circumstances the Faculty Business Committee may give permission for the thesis to be presented in a different medium.
5. An abstract (not exceeding 300 words in length) of the thesis shall be submitted for the approval of the examiners. In the case of a thesis written in a language other than English there shall be an English translation of the title, and a summary in English of between 2,000 and 3,000 words, in addition to an abstract in English. The abstract (and where appropriate, the summary) shall be bound in with the thesis.
6. The thesis shall be prefaced by:-
 - A. a declaration that the thesis has been composed by the candidate, that the work of which it is a record has been done by that candidate, and that it has not been accepted in any previous application for any degree;
 - B. a statement of the date of the candidate's admission as a research student;
 - C. a statement by the supervisor that the Regulations have been fulfilled; and
 - D. a statement of access to or embargo of the print and / or electronic version of the thesis;
 - E. where a third party has been utilised to correct the written language in the thesis, a statement indicating that such assistance has been used.
7. Where students have been admitted under II (4) the following additional regulations shall apply.
 - A. The thesis shall be prepared according to the joint agreements. The thesis will be written in a language agreed between the two Institutions, which would normally be either English or, if the partner institution is overseas, the language used by the overseas Institution.
 - B. An abstract of the thesis must be presented in English.
 - C. Two copies of the complete and finally approved thesis shall be submitted bound at the candidate's expense to be deposited in the University Library. In the case of the thesis not being written in the English language, a summary in English of between 2000 and 3000 words shall be bound in with the thesis.
 - D. In addition to any other declarations required to be made by the candidate for inclusion in the thesis, there shall be a declaration that the thesis has been composed by the candidate under a Joint Thesis Sponsorship scheme between the Universities of St Andrews and (the other institution) and that the work contained in this thesis has not been accepted in any previous application for a degree.

VIII Portfolio of Published Work

1. Academic staff of at least three years' standing or matriculated students may apply to the relevant Faculty Business Committee for permission to submit a portfolio of published work such as books or papers in refereed journals. The Faculty shall seek the comments of the appropriate School in the University on the acceptability of the submission and in the case of a submission by a matriculated student similar comments from the student's supervisor.
2. Any publications submitted must already be published and in the public domain.
3. The application shall be accompanied by the following documents:
 - A. An abstract in English of the published work
 - B. Details of the published work included in the portfolio
 - C. Approval from the holder(s) of copyrights if required.
 - D. In the event of the inclusion of works by multiple authors a statement by the senior author(s) of publications indicating the candidate's contribution to the work in the three critical areas of conception, execution and writing.
 - E. Where a third party has been utilised to correct the written language in the thesis, a statement indicating that such assistance has been used.
4. The standard of the submission should be equivalent to that expected from a diligent student after a period of three years, or 3.5 years, of full time study, depending on norms for the subject area, and be of scholarly standard expected for the degree of PhD.
5. Upon permission to submit being granted the candidate shall submit three copies of the portfolio each containing the abstract and a critical discussion of the work.
6. The critical discussion should summarise the aims, objectives, methodology, results and

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conclusions covered in the portfolio. It should also indicate how the publications form a coherent body of work, what contributions the candidate has made to this work, and how the work contributes significantly to the expansion of knowledge. It should be at least 10,000 words, but not more than 25,000 words in length.

- 7 The portfolio shall be accompanied by a declaration that none of the work contained in the books or papers submitted has been submitted by the candidate for a higher degree in any other university.

IX Examination of Candidates Presenting by Thesis

1. The Senatus Academicus shall appoint a committee to examine the thesis and report on it to the Senatus Academicus. The committee shall normally consist of two examiners, one of whom shall be an external examiner. An internal examiner shall be appointed, who (for administrative purposes) shall act as convener of the committee.
2. In the case of an employee of the University, the examining committee shall consist of an internal examiner who shall act as convener and two external examiners.
3. The examiners appointed by the Senatus Academicus shall submit independent written reports without consultation on the thesis. These independent reports must be completed and a copy returned to the Registry before any oral examination of the candidate takes place. In addition the supervisor of the thesis shall submit a written report to the examining committee detailing any special circumstance that may have affected the candidate's performance but making no comment relating to the quality of the work.
4. The committee shall require the candidate to submit to an oral examination. In exceptional circumstances and only with the express approval of the Faculty Business Committee the requirement of an oral examination may be waived.
5. The examining committee shall bear in mind that their judgement of the substantial significance of the thesis should take into account what may be reasonably expected of a capable and diligent student after three years of full-time study.
6. The examination of the thesis by the committee should normally be completed within three months of the date of submission. If the examining committee is unable to convene within three months then the Dean of Faculty shall be empowered to authorise a short extension of the examining period or to advise the Senatus Academicus that a new committee should be appointed.
7. No candidate may submit a thesis until the appropriate fee requirement has been met.
8. Where students have been admitted under II (4) the following additional regulations apply.
 - A. The examination of the thesis shall take place according to the rules and procedures of the lead institution subject to any additional clauses in the joint agreements.
 - B. The degree certificate must contain a form of words that makes it clear that the single degree is jointly awarded by the two institutions concerned.
 - C. Appointments of external examiners shall be agreed by both institutions.
9. The examining committee shall make one of the following recommendations to the Senatus Academicus:-
 - A. that the thesis be approved and the degree of PhD/ DLang/EngD be awarded without corrections; or
 - B. that the thesis be approved and the degree of PhD/ DLang/EngD be awarded, subject to the making of any purely typographical corrections and revisions; or
 - C. that the thesis be not accepted in its present form but that the candidate be given the opportunity to make minor corrections within a period of three months of the date of the examination and that, upon the convener of the committee being satisfied that these minor corrections have been effected, the thesis be approved and the degree of PhD/ DLang/EngD be awarded; or
 - D. that the thesis be not accepted in its present form but that the candidate be given the opportunity to revise the thesis or portfolio and resubmit it within twelve months from the date of intimation to the candidate of the decision of the Examining Committee—this recommendation meaning that the candidate must resubmit a corrected thesis, pay a re-examination fee, and be re-examined, though the examiners have the right to waive a further oral examination; or
 - E. that the thesis not being of sufficient merit, the candidate may resubmit the thesis within twelve months for a further examination for the award of PhD/ DLang/EngD - this recommendation meaning that the candidate must resubmit a corrected thesis, pay a re-examination fee, and be re-examined, with a further oral examination; or
 - F. that the thesis not being of sufficient merit, the candidate may resubmit the thesis within twelve months for a further examination for the award of MPhil. - this recommendation meaning that the candidate must resubmit a corrected thesis under the regulations for the degree of MPhil., pay a re-examination

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fee, and be re-examined, though the examiners have the right to waive a further oral examination; this recommendation may be offered to the candidate at the same time as recommendation v. as an alternative option, but may not be the only recommendation at the first presentation of the thesis; or

- G. that the thesis be rejected and no award made. This may not be the recommendation at the first presentation of the thesis.

X Examination of PhD by Portfolio of Published Work

1. An examination fee, to be set annually by the university, shall be paid before the examination takes place.
2. Examinations of a portfolio of work submitted for the PhD shall follow the same procedures as for a PhD by thesis with the following exceptions:
 - A. Subject to the approval of the Faculty the School concerned may request that the examining committee should consist of an internal convener and two external examiners.
 - B. In the event of jointly authored work being submitted the examining committee shall be required to comment upon the extent to which the candidate has contributed in the three critical areas of conception, execution and writing. They should indicate their approval that the combination of contributions in these areas is of the level expected for a PhD.
3. After the examination has been completed, two copies of the abstract, portfolio and critical discussion shall be bound in an approved style at the candidate's expense and shall be deposited in the University Library.

XI Resubmission

1. If a recommendation to the Senatus Academicus is made for resubmission by an examining committee the candidate shall receive in writing from the convener of the committee a detailed list of corrections and revisions deemed to be necessary by the examiners. The candidate shall be expected to take these into account in any resubmission of the thesis.
2. On resubmission of the thesis and payment of the appropriate fee the examining committee shall be reconvened and a further examination be conducted. The convener of the committee may recommend to the Dean of Faculty that the requirement of an oral examination be waived, if that is the unanimous opinion of the examining committee.
3. In the event of an oral examination being required, the Dean of Faculty shall recommend the appointment of an appropriate neutral third party observer.
4. If the original examining committee cannot be reconvened then the Senatus Academicus shall have the power to appoint a new committee to examine the thesis
5. The examining committee shall make one of the following recommendations to the Senatus Academicus:-
 - A. that the thesis be approved and the degree of Ph.D. be awarded; or
 - B. that, the thesis being of sufficient merit, the candidate be awarded the degree of M.Phil.; or
 - C. that the thesis be rejected.

E. DEGREE OF DOCTOR OF PHILOSOPHY IN CREATIVE WRITING (Ph.D.)

I Interpretation

1. In these Regulations, the following expressions shall have the meanings hereby assigned to them:-

“Dean of Faculty” means the “Dean of the relevant Faculty or such other Faculty Officer to whom the responsibility has been delegated”;

“Head of School” means the “Head of School or director of research institute or such other member of school or institute to whom the responsibility has been delegated”.

“Ph.D.” means “Doctor of Philosophy in Creative Writing”

“M.Phil”. means “Master of Philosophy”

“Degree” means “Ph.D. in Creative Writing”

“portfolio” “means “body of work submitted for the Degree of Ph.D. in Creative Writing”

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II Admission

1. The Senatus Academicus may admit as candidates for the Degree persons who have been admitted as research students of the University and who have been recommended to register as Ph.D. students by the Faculty Business Committee. In exceptional circumstances the Senatus Academicus may admit as a candidate for the degree a student who can satisfy the Dean of Faculty that (s)he already has adequate qualifications and for whom a supervisor can be appointed.
2. A Ph.D. student shall matriculate and pay the appropriate fee each year.

III Full-time and Part-time Study

1. Candidates in full-time employment may not register as full-time students except with the written permission of their employer. Members of staff of the University may be permitted to register full-time if:-
 - A. where they are funded from external sources, these bodies have given their permission;
 - B. the work on which they are engaged as full-time employees of the University is of sufficient scope and originality as to be appropriate for study as part of a higher degree;
 - C. the level and character of supervision offered to the member of staff is in no way incompatible with that normally associated with study for a higher degree.

Where full-time registration by a member of staff is approved the appropriate full-time fee will be payable. Notwithstanding, members of staff in either full-time or part-time employment may choose to study part-time. Other applicants, who are not members of staff, may study part-time if they can satisfy the Senatus Academicus that inadequate time is available for full-time study.

2. An applicant for admission as a part-time candidate for the degree must either:-
 - A. be a graduate of the University; or
 - B. be normally resident within St Andrews or its immediate vicinity.

IV Duration and Place of Study

1. Every candidate for the Degree shall pursue a course of special study in the University of St Andrews during a period of three years or its equivalent for part-time students.
2. The Senatus Academicus shall have the power to permit candidates on the recommendation of the Faculty Business Committee to pursue elsewhere their special study during the whole or part of the period, provided that the Senatus is satisfied that the necessary facilities exist for the pursuit of the special study and that it is being done under adequate supervision.
3. Work done during any academic year may be reckoned as having been pursued over twelve months for a full-time student and over six months for a part-time student, unless otherwise agreed by the Dean of Faculty on the recommendation of the supervisor.
4. Work done during a summer vacation may be reckoned as having been carried out during three months (six weeks for part-time students) provided that the supervisor certifies it as being equivalent to three months of full-time study (or six weeks of full-time study for part-time students).
5. The submitted work shall be normally presented after 3 years and after no more than 4 years of study as a matriculated student or the equivalent for part-time students. Exceptionally the submitted work may be presented after 2 years of study as a matriculated student, or the equivalent for part-time students.

V Nature of Study

1. The Degree is granted only for the submission of a body of work judged by the examiners to be of publishable standard, in whole or in large part, which demonstrates inventiveness in the generation of new ideas and images where these lead to new or enhanced insights.
2. All students and supervisors are required to conduct their work and supervision in accordance with the requirements of the University's Code of Practice for Supervisors and Students in Taught and Research Postgraduate Programmes.
3. The work of all students will be reviewed annually and the results reported to the Dean of Faculty. The first annual review, which will be conducted by the Head of School and which will normally occur at the end of the first year of study will recommend either continuance of registration as a Ph.D. student or transfer of registration to that of an M.Phil. student. The second annual review will take place by the end of the second year of study. An important part of this review is to produce an agreed timetable for completion and submission of the body of work.

V1 Methods of Presentation

1. Candidates for the Degree will be examined on the basis of (A) a portfolio of original work and (B) an accompanying research paper.

The submission will take the form of:

- A. a work of creative prose of no more than 40,000 words OR a collection, or part thereof, of poetry comprising 30-40 pages.
- B. a research paper (or discursive commentary or introductory essay) of no more than 40,000 words which shall link the portfolio of original work submitted under A to the larger history or theory or practice of relevant writing.

Both the quality of work submitted under A and B and the relationship between the work submitted under A and B will be relevant factors in deciding the success of the submission for the degree.

2. The work shall be written in English.
3. Three complete copies of the submission shall be submitted in typescript and in secure but temporary binding. There shall be an adequate margin on each page. After the examination has been completed, two copies shall be bound in an approved style at the candidate's expense and shall be deposited in the University Library. The third copy of the submission shall be returned to the candidate.
4. An abstract (not exceeding 300 words in length) of the submission shall be submitted for the approval of the examiners. The abstract shall be bound in with the thesis.
5. The submitted work shall be prefaced by:-
 - A. a declaration that the work has been composed by the candidate, and that it has not been accepted in any previous application for any degree;
 - B. a statement of the date of the candidate's admission as a research student;
 - C. a statement by the supervisor that the Regulations have been fulfilled; and
 - D. a statement of access to or embargo of the print and / or electronic copy of the thesis.

VII Portfolio of Published Work

1. Academic staff of at least three years' standing or matriculated students may apply to the Faculty Business Committee for permission to submit a portfolio of already published work, such as novels, collections of short stories or poems. The Faculty shall seek the comments of the School of English on the acceptability of the submission and, in the case of a submission by a matriculated student, comments from the student's supervisor.
2. Any publications submitted must already be in the public domain.
3. The application shall be accompanied by the following documents:
 - A. Details of the published work included in the portfolio
 - B. Approval from the holder(s) of copyright if required
4. The standard of the submitted portfolio shall be equivalent to that expected of a diligent student after a period of three years of full-time study and may comprise:
 - A. a novel or collection of stories or other prose work between 60,000 and 80,000 words long, accompanied by an introduction, writer's journal, or other introductory and contextual material of between 8,000 and 10,000 words in length, or
 - B. a collection of original poetry of not less than 50 pages in length, accompanied by an introduction, writer's journal, or other introductory or contextual material of at least 10,000 words and not more than 20,000 words in length.
5. Upon permission to submit being granted the candidate shall submit three copies of the portfolio.
6. The portfolio shall be accompanied by a declaration that none of the work submitted has been submitted by the candidate for a higher degree at any other university.

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VIII Examination

1. The Senatus Academicus shall appoint a committee to examine the portfolio and report on it to the Senatus Academicus. The committee shall normally consist of two examiners, one of whom shall be an external examiner. An internal examiner shall be appointed, who (for administrative purposes) shall act as convener of the committee.
2. Where the candidate is an employee of the University, the examining committee shall consist of an internal examiner who shall act as convener and two external examiners.
3. The examiners appointed by the Senatus Academicus shall submit independent written reports without consultation on the portfolio. These independent reports must be completed and returned to the University Postgraduate Office before any oral examination of the candidate takes place. In addition the supervisor shall submit a written report to the examining committee detailing any special circumstance that may have affected the candidate's performance but making no comment relating to the quality of the work.
4. The committee shall require the candidate to submit to an oral examination. In exceptional circumstances and only with the express approval of the Faculty Business Committee the requirement of an oral examination may be waived.
5. The examining committee shall bear in mind that their judgement of the quality of an unpublished portfolio of work should take into account what may be reasonably expected of a capable and diligent student after three years of full-time study.
6. The examination of the portfolio by the committee should normally be completed within three months of the date of submission. If the examining committee is unable to convene within three months then the Dean of Faculty shall be empowered to authorise a short extension of the examining period or to advise the Senatus Academicus that a new committee should be appointed.
7. No candidate may submit a portfolio until the appropriate fee requirement has been met. Candidates submitting a portfolio of already published work will be required to pay an examination fee before the examination takes place.
8. The examining committee shall make one of the following recommendations to the Senatus Academicus:-
 - i. that the thesis be approved and the degree of PhD in Creative Writing be awarded without corrections; or
 - ii. that the thesis be approved and the degree of PhD in Creative Writing be awarded, subject to the making of any purely typographical corrections and revisions; or
 - iii. that the thesis be not accepted in its present form but that the candidate be given the opportunity to make minor corrections within a period of three months of the date of the examination and that, upon the convener of the committee being satisfied that these minor corrections have been effected, the thesis be approved and the degree of PhD in Creative Writing be awarded; or
 - iv. that the thesis be not accepted in its present form but that the candidate be given the opportunity to revise the thesis or portfolio and resubmit it within twelve months from the date of intimation to the candidate of the decision of the Examining Committee—this recommendation meaning that the candidate must resubmit a corrected thesis, pay a re-examination fee, and be re-examined, though the examiners have the right to waive a further oral examination; or
 - v. that the thesis not being of sufficient merit, the candidate may resubmit the thesis within twelve months for a further examination for the award of PhD in Creative Writing - this recommendation meaning that the candidate must resubmit a corrected thesis, pay a re-examination fee, and be re-examined, with a further oral examination; or
 - vi. that the thesis not being of sufficient merit, the candidate may resubmit the thesis within twelve months for a further examination for the award of MPhil. - this recommendation meaning that the candidate must resubmit a corrected thesis under the regulations for the degree of MPhil., pay a re-examination fee, and be re-examined, though the examiners have the right to waive a further oral examination; this recommendation may be offered to the candidate at the same time as recommendation v. as an alternative option, but may not be the only recommendation at the first presentation of the thesis; or
 - vii. that the thesis be rejected and no award made. This may not be the recommendation at the first presentation of the thesis.

IX Resubmission

1. If a recommendation to the Senatus Academicus is made for resubmission by an examining committee the candidate shall receive in writing from the convener of the committee a detailed list of corrections and revisions deemed to be necessary by the examiners. The candidate shall be expected to take these into account in any resubmission.
2. On resubmission and payment of the appropriate fee the examining committee shall be reconvened and a further examination be conducted. The convener of the committee may recommend to the Dean of Faculty that the requirement of an oral examination be waived, if that is the unanimous opinion of the examining committee.
3. In the event of an oral examination being required, the Dean of Faculty shall recommend the appointment of an appropriate neutral third party observer.
4. If the original examining committee cannot be reconvened then the Senatus Academicus shall have the power to appoint a new committee to examine the portfolio.
5. The examining committee shall make one of the following recommendations to the Senatus Academicus:-
 - A. that the portfolio be approved and the degree of Ph.D. in Creative Writing be awarded; or
 - B. that, the portfolio being of sufficient merit, the candidate be awarded the degree of M.Phil; or
 - C. that the portfolio be rejected.

F. DEGREE OF DOCTOR OF ENGINEERING (Eng.D.)

I Interpretation

1. In these Regulations, the following expressions shall have the meanings hereby assigned to them:

"Faculty Business Committee" means the Faculty of Science Business Committee;

"Dean of Science" means the "Dean of Science or such other Faculty Officer to whom the responsibility has been delegated";

"Head of School" means the "Head of School or director of research institute or such other member of school or institute to whom the responsibility has been delegated".

"Eng.D." means "Doctor of Engineering".

"M.Eng" means "Master of Engineering".

"Engineering Doctorate Scheme" is the co-operative scheme recognised by the Engineering and Physical Sciences Research Council (EPSRC) for the training of research investigators to doctorate level involving the University of St Andrews and other UK universities in partnership with each other and with industrial organisations.

II Admission

1. The Senatus Academicus may admit as candidates for the Degree of Eng.D. persons who have been admitted as research students of the University and who have been recommended to register as Eng.D. students by the Faculty Business Committee.
2. An Eng.D. student shall matriculate and pay the appropriate fee each year.
3. An Eng.D. student must be a full time student.
4. The Head of School shall appoint for each candidate an academic supervisor and an industrial supervisor who shall jointly oversee the development of the candidate and shall supply support and advice regarding the project(s) on which the student is working. The industrial supervisor shall be a member of staff of the industrial organisation which is participating in the Engineering Doctorate Scheme and which is sponsoring the student.

III Duration and Place of Study

1. Every candidate for the Degree of Eng.D. shall pursue a course of special study and research normally lasting four years.
2. The course of study and research shall comprise
 - A. assessed coursework and attendance at lectures and colloquia in the University of St Andrews or in other universities participating in the Engineering Doctorate Scheme, amounting to approximately 25% of the time spent during the degree course;
 - B. supervised research work comprising approximately 75% of the time spent during the degree course, and culminating in the submission of a thesis or a research portfolio. This work shall be carried out in

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the University of St Andrews or at the premises of the industrial organisation which is participating in the Engineering Doctorate scheme and which is sponsoring the student, in variable proportions according to the nature of the research.

3. All research students and supervisors are required to conduct their research and supervision in accordance with the requirements of the University's Code of Practice for the Supervision of Research Students.
4. The work of all Eng.D. students will be reviewed annually prior to the submission of the thesis or portfolio and the results reported to the Dean of Science. The first annual review, which will be conducted by the Head of School and which will normally occur at the end of the first year of study, will recommend either continuance of registration as an Eng.D. student or transfer of registration to that of an MEng student.

IV Thesis or portfolio

1. Every candidate for the Degree of Eng.D. shall present a thesis or portfolio of published work embodying the results of his or her special study or research.
2. A thesis should take the form of a specially composed monograph. A portfolio of published work should take the form of documents such as published papers, patents etc together with an abstract in English which describes the contribution to knowledge and innovation demonstrated by the candidate.
3. The submission of a thesis shall follow the same rules and procedures as for the submission of a thesis for a PhD. The submission of a portfolio of published work shall follow the same rules and procedures as laid down for the submission of a portfolio of published work for a PhD with the exception that only registered Eng.D. students are eligible.
4. The thesis or portfolio shall normally be presented after 4 years and no later than 5 years since first matriculation. Exceptionally the thesis or portfolio may be presented after 3 years since first matriculation.

V The Examination

1. The examination of the thesis or portfolio of published work shall follow the same rules and procedures as laid down for a PhD.
2. The examining committee shall make one of the following recommendations to the Senatus Academicus:
 - A. that the thesis or portfolio be approved and the degree of Eng.D. be awarded subject to making any purely typographical corrections and revisions; or
 - B. that the thesis or portfolio be not accepted in its present form but that the candidate be given the opportunity to make minor corrections to the thesis or portfolio within a period of three months of the date of the examination and that, upon the convener of the committee being satisfied that these minor corrections have been effected, the thesis or portfolio be approved and the degree of Eng.D. be awarded; or
 - C. that the thesis or portfolio be not accepted in its present form but that the candidate be given the opportunity to revise the thesis or portfolio and resubmit it within twelve months from the date of intimation to the candidate of the decision of Senatus; or
 - D. that the thesis or portfolio being of sufficient merit, the candidate be awarded the degree of M.Eng.; or E. that the thesis or portfolio be rejected.

VI Resubmission

1. The resubmission of the thesis or portfolio of published work shall follow the same procedures as in the PhD regulations.
2. The examining committee shall make one of the following recommendations to the Senatus Academicus:
 - A. that the thesis or portfolio be approved and the degree of Eng.D. be awarded; or
 - B. that, the thesis or portfolio being of sufficient merit, the candidate be awarded the degree of M.Eng.; or
 - C. that the thesis or portfolio be rejected.

G. DEGREE OF DOCTOR OF MEDICINE (M.D.)

I Interpretation

In these Regulations, the following expressions shall have the meanings hereby assigned to them:-

“Teaching, Learning and Assessment Committee” means the “Teaching, Learning and Assessment Committee or the standing Committee to which it may delegate the responsibility”;

“Dean of Faculty” means the “Dean of the relevant Faculty or such other Faculty Officer to whom the responsibility has been delegated”;

“Head of School” means the “Head of School or director of research institute or such other member of school or institute to whom the responsibility has been delegated”.

“M.D.” means “Doctor of Medicine”.

“M.Phil”. means “Master of Philosophy”

II Admission

1. The Senatus Academicus may admit as candidates for the degree of M.D. persons who have been admitted as research students of the University and who have been recommended to register as M.D. students by the Faculty Business Committee. In exceptional circumstances the Senatus Academicus may admit as a candidate for the degree of M.D. a student who can satisfy the Dean of Faculty that (s)he already has adequate qualifications and for whom a supervisor can be appointed.
2. A M.D. student shall matriculate on payment of the appropriate fee each year.

III Full-time and Part-time Study

1. Candidates in full-time employment may not register as full-time students except with the written permission of their employer. Members of staff of the University may be permitted to register full-time if:-
 - A. where they are funded from external sources, these bodies have given their permission;
 - B. the work on which they are engaged as full-time employees of the University is of sufficient scope and originality as to be appropriate for study as part of a higher degree;
 - C. the level and character of supervision offered to the member of staff is in no way incompatible with that normally associated with study for a higher degree.
2. Where full-time registration by a member of staff is approved, the appropriate full-time fee will be payable. Notwithstanding, members of staff in either full-time or part-time employment may choose to study part-time. Other applicants, who are not members of staff, may study part-time if they can satisfy the Senatus Academicus that inadequate time is available to full-time study.
3. An applicant for admission as a part-time candidate for the degree must either:-
 - A. be a graduate of the University; or
 - B. be normally resident within St Andrews or its immediate vicinity

IV Duration and Place of Study

1. Every candidate for the Degree of M.D., except under 2 below, shall pursue a course of special study or research in the University of St Andrews during a period of two years or its equivalent for part-time students.
2. The Senatus Academicus shall have the power to permit candidates on the recommendation of the Faculty Business Committee to pursue elsewhere their special study and research during the whole or part of the period, provided that the Senatus is satisfied that the necessary facilities exist for the pursuit of the special study or research and that it is being done under adequate supervision.
3. Work done during any academic year may be reckoned as having been pursued over twelve months for a full-time student and over six months for a part-time student, unless otherwise agreed by the Dean of Faculty on the recommendation of the supervisor.
4. Work done during a summer vacation may be reckoned as having been carried out during three months (six weeks for part-time students) provided that the supervisor certifies it as being equivalent to three months of full-time study(or six weeks of full-time study for part-time students).

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5. The thesis shall be normally presented after 2 years and after no more than 4 years of study as a matriculated student, or the equivalent for part-time students. The thesis will not be accepted less than 2 years after matriculation.

V Nature of Study

1. The degree of M.D is granted only for original research or higher study, the result of which is presented in a specially composed thesis. The original research or higher study must be carried out on a topic approved by the Head of School who shall appoint a supervisor. The thesis or portfolio shall constitute a significant and original contribution to knowledge or understanding consistent with what may reasonably be expected of a diligent student after two years of full-time study. It should be clearly written, well argued and should indicate a satisfactory knowledge of the field of study. It should contain material worthy of publication in some form.
2. All research students and supervisors are required to conduct their research and supervision in accordance with the requirements of the University's Code of Practice for Supervisors and Students in Taught and Research Postgraduate Programmes.
3. The work of all M.D. students will be reviewed annually prior to the submission of the thesis and the results reported to the Dean of Faculty. The first annual review, which will be conducted by the Head of School, and which will normally occur at the end of the first year of study after registration as a general research student, will determine continuance of registration as a M.D. student. An important part of this review is to produce an agreed timetable for submission of the thesis.

VI Methods for Presentation

1. Candidates for the degree of M.D. will be expected to submit a thesis embodying the results of his or her special study or research.

VII Thesis

1. The thesis shall be written in English and should take the form of a specially composed monograph. In exceptional circumstances the Faculty Business Committee may give permission for another language to be used.
2. The normal maximum length of the thesis will be 50,000 words excluding bibliography,
3. Three complete copies of the thesis shall be submitted in typescript and in secure but temporary binding. There shall be an adequate margin on each page. After the examination has been completed, two copies shall be bound in an approved style at the candidate's expense and shall be deposited in the University Library. The third copy of the thesis shall be returned too the candidate.
4. In exceptional circumstances the Faculty Business Committee may give permission for the thesis to be presented in a different medium.
5. An abstract (not exceeding 300 words in length) of the thesis shall be submitted for the approval of the examiners. In the case of a thesis written in a foreign language there shall be a summary in English of between 1,000 and 3,000 words, in addition to an abstract in English. The abstract (and where appropriate, the summary) shall be bound in with the thesis.
6. The thesis shall be prefaced by:-
 - A. a declaration that the thesis has been composed by the candidate, that the work of which it is a record has been done by that candidate, and that has not been accepted in any previous application for any degree.
 - B. a statement of the date of the candidate's admission as a research student:
 - C. a statement by the supervisor that the Regulations have been fulfilled; and
 - D. a statement that either access to the thesis in the University Library shall be unrestricted or that with the approval of the Faculty Business Committee access shall be restricted under stated conditions for a period up to a maximum of five years.

VIII Examination of Candidates Presenting by Thesis

1. The Senatus Academicus shall appoint a committee to examine the thesis and report on it to the Senatus Academicus. The committee shall normally consist of two examiners, one of whom shall be an external examiner. An internal examiner shall be appointed, who (for administrative purposes) shall act as convener of the committee.
2. In the case of an employee of the University, the examining committee shall consist of an internal examiner who shall act as convener and two external examiners.
3. The examiners appointed by the Senatus Academicus shall submit independent written reports without consultation on the thesis. These independent reports must be completed and a copy returned to the Registry Academic Support Office before any oral examination of the candidate takes place. In addition the supervisor of the thesis shall submit a written report to the examining committee detailing any special circumstance that may have affected the candidate's performance but making no comment relating to the quality of the work.
4. The committee shall require the candidate to submit to an oral examination. In exceptional circumstances and only with the express approval of the Faculty Business Committee, the requirement of an oral examination may be waived.
5. The examining committee shall bear in mind that their judgement of the substantial significance of the thesis should take into account what may be reasonably expected of a capable and diligent student after two years of full-time study.
6. The examination of the thesis by the committee should normally be completed within three months. If the examining committee is unable to convene within three months then the Dean of Faculty shall be empowered to authorize a short extension of the examining period or to advise the Senatus Academicus that a new committee should be appointed.
7. No candidate may submit a thesis until the appropriate fee requirement has been met.
8. The examining committee shall make one of the following recommendations to the Senatus Academicus:-
 - A. that the thesis be approved and the degree of M.D. be awarded subject to making any purely typographical corrections and revisions; or
 - B. that the thesis be not accepted in its present form but that the candidate be given the opportunity to make minor corrections to the thesis within a period of three months of the date of the examination and that, upon the convener of the committee being satisfied that these minor corrections have been effected, the thesis be approved and the degree of M.D. be awarded; or
 - C. that the thesis be not accepted in its present form but that the candidate be given the opportunity to revise the thesis and resubmit it within twelve months from the date of intimation to the candidate of the decision of Senatus; or
 - D. that the thesis being of sufficient merit, the candidate be awarded the degree of M.Phil.; or
 - E. that the thesis be rejected

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H. DEGREE OF DOCTOR OF MEDICINE (M.D.)

There are two routes to the M.D., one by submission of evidence as set out below and one by research as set out in section G. Both are research degrees and neither are qualifications for clinical practice.

I Interpretation

1. In these regulations:-

the following expressions shall have the meanings hereby assigned to them:

“Court means the “University Court of the University of St Andrews”

“Degree of Doctor of Medicine” means the “Degree of Doctor of Medicine in the University of St Andrews”

II Qualifications for the Degree

1. The Senatus Academicus may admit as a candidate for the Degree of Doctor of Medicine

- i. any graduate of the University of St Andrews who holds a qualifying degree in Medicine of at least ten years standing
- ii. any member of academic staff of at least three years standing and who holds a qualifying degree in Medicine

2. Application for admission for the Degree of Doctor of Medicine by submission of evidence must be made in writing to the Senatus Academicus.

III Presentation of Material and Declaration by candidates

1. Each candidate for the Degree of Doctor of Medicine (by the submission route) shall present as evidence of fitness to receive the degree a specially composed thesis, or a published work, or a series of published papers, or any combination of these. The material so presented in evidence may either be entirely that of the candidate or carried out in collaboration with another person or persons, provided that, in the latter case, the contribution of the candidate can be clearly defined. The standard of work required for the Degree of Doctor of Medicine is a high one. The subject matter must be coherent and original and should form a contribution to the advancement of scientific knowledge of such substance and distinction as to give the candidate an authoritative status in some branch or branches of learning.

2. Such evidence as is presented in terms of Sub-Section (1) of this Section shall be accompanied by the appropriate fee and a declaration signed by the candidate certifying either:-

- i. that the candidate is the sole author of the work, or
- ii. that the candidate is the joint author of the work in collaboration with another person or persons who shall be named, in which case the declaration must also include a statement clearly defining the extent of the candidate's personal contribution to the joint work.

In each case, such declaration must also state the extent (if any) to which the work has been submitted in any previous application for any degree and the result of any such application. Work submitted in a successful application for any degree shall be disallowed. The Senatus Academicus shall have discretion to allow or disallow work submitted in an unsuccessful application.

3. i. if after inquiry the Senatus Academicus is not satisfied with the declaration provided for in Sub-Section (2) of this Section, the Senatus shall have power to refuse the application.

ii. if after inquiry the Senatus Academicus is satisfied with the said declaration it shall remit the work submitted to a Committee of Examiners as provided in Section IV hereof.

4. Three complete copies of the thesis or published work or of the series of published papers or any combination of these must be submitted. The Library Committee shall have power to decide when and under what conditions these copies shall be available for consultation or borrowing but the copyright shall belong to the candidate.

IV Committee of Examiners and Award of the Degree

1. For the purpose of examining the work submitted by a candidate, the Senatus Academicus shall appoint a Committee consisting of two or more members of the teaching staff of the University of St Andrews, one of whom shall be from among the professorial staff, and two or more additional examiners from outside the University of St Andrews. If, following a report from the Committee of Examiners, the Senatus is of the opinion that the work submitted constitutes an original and sufficiently substantial contribution to medical knowledge by the candidate, the candidate shall be awarded the degree.
2. The award of distinction may be awarded if independently recommended by all the External Examiners. In exceptional circumstances an oral may be conducted to determine whether or not to award a distinction.

V General

1. From the date on which these Regulations receive the approval of the Court all previous Regulations for the Degree of Doctor of Medicine shall cease to have effect.

I. DEGREE OF DOCTOR OF SCIENCE (D.Sc.)

I Interpretation

1. In these Regulations:
the following expressions shall have the meanings hereby assigned to them:
"Court" means the "University Court of the University of St Andrews";
"Degree of Doctor of Science" means the "Degree of Doctor of Science in the University of St Andrews".

II Qualifications for the Degree

1. A. The Senatus Academicus may admit as a candidate for the Degree of Doctor of Science either:—
 - i. any graduates of the University of St Andrews provided that not less than seven years have elapsed from the date of their first graduation in the University, or
 - ii. any professor or reader or lecturer in the University or holder of any such post or appointment in the University as the Senatus Academicus may approve, provided that not less than four years have elapsed from the date of appointment.
- B. Applications for admission as a candidate for the Degree of Doctor of Science must be made in writing to the Senatus Academicus.

III Presentation of Material and Declaration by Candidates

1. A. Each candidate for the Degree of Doctor of Science shall present as evidence of fitness to receive the degree a specially composed thesis, or a published work, or a series of published papers, or any combination of these. The material so presented in evidence may either be entirely that of the candidate or carried out in collaboration with another person or persons, provided that, in the latter case, the contribution of the candidate can be clearly defined. The standard of work required for the Degree of Doctor of Science is a high one. The subject matter must be coherent and original and should form a contribution to the advancement of scientific knowledge of such substance and distinction as to give the candidate an authoritative status in some branch or branches of learning.
- B. Such evidence as is presented in terms of Sub-Section (A) of this Section shall be accompanied by a declaration signed by the candidate certifying either:-
 - i. that the candidate is the sole author of the work, or
 - ii. that the candidate is the joint author of the work in collaboration with another person or persons who shall be named, in which case the declaration must also include a statement clearly defining the extent of the candidate's personal contribution to the joint work.

In each case, such declaration must also state the extent (if any) to which the work has been submitted in any previous application for any degree and the result of any such application. Work submitted in a successful application for any degree shall be disallowed. The Senatus Academicus shall have discretion to allow or disallow work submitted in an unsuccessful application.

- C.
 - i. If after inquiry the Senatus Academicus is not satisfied with the declaration provided for in Sub-Section (B) of this Section, the Senatus shall have power to refuse the application.
 - ii. If after inquiry the Senatus Academicus is satisfied with the said declaration it shall remit the work submitted to a Committee of Examiners as provided in Section 4 hereof.

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- D. Three complete copies of the thesis or published work or of the series of published papers or any combination of these must be submitted. The Library Committee shall have power to decide when and under what conditions these copies shall be available for consultation or borrowing but the copyright shall belong to the candidate.

IV Committee of Examiners and Award of the Degree

1. For the purpose of examining the work submitted by a candidate, the Senatus Academicus shall appoint a Committee consisting of two or more members of the teaching staff of the University of St Andrews, one of whom shall be from among the professorial staff, and two or more additional examiners from outside the University of St Andrews. If, following a report from the Committee of Examiners, the Senatus is of the opinion that the work submitted constitutes an original and sufficiently substantial contribution to scientific knowledge by the candidate, the candidate shall be awarded the degree.

V General

1. From the date on which these Regulations receive the approval of the Court all previous Regulations for the Degree of Doctor of Science shall cease to have effect.

J. DEGREE OF DOCTOR OF LETTERS (D.Litt.)

1. Three complete copies of the material presented in evidence must be submitted; such material must have been in print for a period of a least one year at the date of submission.
2. Candidates should not submit material which in substance has been submitted in a successful application for a higher degree unless they consider that its omission would result in an inadequate representation of their research.
3. Two copies of all successful submissions will remain the property of the University and may, at the discretion of the University, be retained. Material submitted by unsuccessful candidates will be returned.
4. The degree shall be awarded only if the Senatus Academicus, on the recommendation of the examiners, is satisfied that the submission represents both an original and a substantial contribution to advancement of knowledge of the subject and that it constitutes work of high distinction in scholarship and/or research in respect of qualities such erudition, insight, imagination, innovation and critical balance, such that it has established or confirmed the candidate as a recognised authority in the relevant field.

POSTGRADUATE TAUGHT COURSES 2010/2011

School of Art History

Certificate:	Museum and Gallery Studies
Postgraduate Diploma:	Art History History of Photography Museum and Gallery Studies
M.Litt.:	Art History History of Photography Museum and Gallery Studies
M.Phil.:	Art History History of Photography Museum and Gallery Studies National Trust for Scotland Studies

School of Biology

M.Sc.	Sustainable Aquaculture
M.Phil.:	Behavioural and Neural Sciences
M.Res.:	Environmental Biology Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Marine Mammal Science Marine Systems Science

School of Chemistry

M.Phil.	Chemistry
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School of Classics

Postgraduate Diploma:	Ancient History Classical Studies Greek Greek & Latin Latin
M.Litt.:	Ancient History Classical Studies Greek Greek & Latin Latin
M.Phil.:	Ancient History Classical Studies Greek Greek & Latin Latin

Postgraduate Taught Courses – 2010/11 – August 2010

School of Computer Science

Postgraduate Diploma: Advanced Computer Science
Information Technology
Management & Information Technology

M.Sc.: Advanced Computer Science
Artificial Intelligence
Information Technology
Management & Information Technology
Networks & Distributed Systems
Software Engineering

Erasmus Mundus M.Sc.
School of Divinity Software Engineering (*not available 2010-11*)

Conversion Diploma: Divinity

Postgraduate Diploma: Bible and Contemporary World (either full-time, campus based or part-time by distance learning)
Theology, Imagination and the Arts
Theological Interpretation of Scripture (*not available 2010-11*)

M.Litt.: Bible and Contemporary World (either full-time, campus based or part-time by distance learning)
Theology, Imagination and the Arts
Theological Interpretation of Scripture (*not available 2010-11*)

M.Phil.: Divinity

School of Economics & Finance

Postgraduate Diploma: Analytical Finance (AF)
Environmental History (see School of History)
Finance (FIN)
International Strategy and Economics (ISE)
Money, Banking and Finance (MBF)

M.Litt.: Environmental History (see School of History)

M.Phil.: Environmental History (see School of History)

M.Sc.: Analytical Finance (AF)
Finance (FIN)
International Finance (IF)
International Strategy and Economics (ISE)
Money, Banking and Finance (MBF)

School of English

Postgraduate Diploma: Creative Writing
Mediaeval English (*not available 2010-11*)
Mediaeval Studies
Romantic / Victorian Studies
Shakespeare Studies
Women, Writing and Gender

Postgraduate Taught Courses – 2010/11 – August 2010

School of English (continued)

M.Litt.:	Creative Writing Mediaeval English (<i>not available 2010-11</i>) Mediaeval Studies Romantic / Victorian Studies Shakespeare Studies Women, Writing and Gender
M.Phil.:	Mediaeval English (<i>not available 2010-11</i>) Mediaeval Studies Romantic / Victorian Studies Shakespeare Studies Women, Writing and Gender
English Language Teaching	
Postgraduate Diploma:	English Language Teaching TESOL with Distance Learning TESOL with Trinity Diploma by Distance Learning
M.Litt.:	English Language Teaching ETL with Distance Learning ELT with Trinity LTCL Diploma in TESOL by Distance Learning

School of Geography & Geosciences

Postgraduate Diploma:	Health Geography Research (<i>not available 2010-11</i>) Environmental History Managing Environmental Change (<i>not available 2010-11</i>) Sustainable Development
M.Res.:	Health Geography (<i>not available 2010-11</i>)
M.Litt.:	Environmental History
M.Phil.:	Environmental History
M.Sc.:	Managing Environmental Change (<i>not available 2010-11</i>) Sustainable Development

School of History

Postgraduate Diploma:	Central & East European Studies Early Modern History Environmental History Historical Research Iranian Studies Mediaeval History Mediaeval Studies Middle Eastern History and Culture Modern Historiography Modern History Reformation Studies Scottish Historical Studies The Book. History and Techniques of Analysis
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Postgraduate Taught Courses – 2010/11 – August 2010

School of History (continued)

M.Litt.:

Central & East European Studies
Early Modern History
Environmental History
Historical Research
Iranian Studies
Mediaeval History
Mediaeval Studies
Middle Eastern History and Culture
Modern Historiography
Modern History
Reformation Studies
Scottish Historical Studies
The Book, History and Techniques of Analysis

M.Phil.:

Central & East European Studies
Early Modern History
Environmental History
Historical Research
Iranian Studies
Mediaeval History
Mediaeval Studies
Middle Eastern History and Culture
Modern Historiography
Modern History
Reformation Studies
Scottish Historical Studies
The Book, History and Techniques of Analysis

School of International Relations

Postgraduate Diploma:

International Political Theory
International Security Studies
Middle Eastern & Central Asian Security Studies
Peace and Conflict Studies
Terrorism Studies Full-time (residential and distance learning)
Terrorism Studies Part-time (distance learning)

M.Litt.:

International Political Theory
International Security Studies
Middle Eastern & Central Asian Security Studies
Peace and Conflict Studies
Terrorism Studies Full-time (residential and distance learning)
Terrorism Studies Part-time (distance learning)

M.Phil.:

International Political Theory
International Security Studies
Middle Eastern & Central Asian Security Studies
Peace and Conflict Studies

M.Res.:

International Relations

Postgraduate Taught Courses – 2010/11 – August 2010

School of Management

Postgraduate Diploma:	Corporate Social Responsibility (<i>not available 2010-11</i>) Finance and Accounting (<i>not available 2010-11</i>) Finance & Management International Business Management & Information Technology Management Management (HRM) Managing in the Creative Industries Marketing
M.Litt.:	Corporate Social Responsibility (<i>not available 2010-11</i>) Finance and Accounting (<i>not available 2010-11</i>) Finance & Management International Business International Business and Strategy Management Management (HRM) Managing in the Creative Industries Marketing
M.Sc.:	Management & Information Technology
M.Res.:	Management Studies

School of Mathematics & Statistics

Postgraduate Diploma:	Applied Statistics and Datamining Mathematics Statistics
M.Sc.:	Applied Statistics and Datamining Mathematics Statistics

School of Medicine

Postgraduate Certificate:	Medicine
Postgraduate Diploma:	Medicine
M.Sc.:	Health Psychology
M.Res.:	Medicine

School of Modern Languages

Postgraduate Diploma:	Cultural Identity Studies French Language Studies French Studies German Studies Italian Studies Language & Linguistics Mediaeval Studies Modern Hispanic Literature and Film Russian Studies Spanish and Latin American Studies
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Postgraduate Taught Courses – 2010/11 – August 2010

School of Modern Languages (continued)

M.Litt.:
Cultural Identity Studies
French Language Studies
French Studies
German Studies
Italian Studies
Language & Linguistics
Mediaeval Studies
Modern Hispanic Literature and Film
Russian Studies
Spanish and Latin American Studies

M.Litt. Mundus Masters (EU) Crossways in European Humanities

M.Phil.:
Cultural Identity Studies
French Language Studies
French Studies
German Studies
Italian Studies
Language & Linguistics
Mediaeval Studies
Modern Hispanic Literature and Film
Russian Studies
Spanish and Latin American Studies

D.Lang.
French Language Studies
German Studies
Language & Linguistics
Russian Studies
Russian Studies

School of Philosophical, Anthropological and Film Studies

Conversion Diploma:
Philosophy
Social Anthropology

Postgraduate Diploma:
Film Studies
Philosophy

M.Litt.:
Film Studies
Philosophy

M.Res.:
Social Anthropology
Social Anthropology and Amerindian Studies
Social Anthropology with African Studies
Social Anthropology with Pacific Studies
Philosophy and Social Anthropology

M.Phil.:
Film Studies
Philosophy
Social Anthropology
Social Anthropology and Amerindian Studies

Postgraduate Taught Courses – 2010/11 – August 2010

School of Physics & Astronomy

Postgraduate Diploma:	Photonics and Optoelectronic Devices Physics
M.Sc.:	Photonics and Optoelectronic Devices Physics
Erasmus Mundus – MSc.:	Erasmus Mundus Master of Science in Photonics
Eng.D.:	Photonics

School of Psychology

Postgraduate Certificate:	Adults with Learning Disabilities who have Significant and Complex Needs Adult Support, Protection and Safeguarding
Postgraduate Diploma:	Adults with Learning Disabilities who have Significant and Complex Needs
M.Sc.:	Adults with Learning Disabilities who have Significant and Complex Needs Conversion Course Psychology Evolutionary and Comparative Psychology: The Origins of Mind Health Psychology
M.Res.:	Psychology

Sustainable Development

Postgraduate Certificate:	Sustainable Development
Postgraduate Diploma:	Sustainable Development
M.Sc.:	Sustainable Development
M.Res.:	Sustainable Development

School of Art History

Head of School Professor B Cassidy

Taught Programmes

Postgraduate Diploma: Art History
History of Photography
Museum and Gallery Studies

M.Litt.: Art History
History of Photography
Museum and Gallery Studies

M.Phil.: Art History
History of Photography
Museum and Gallery Studies
National Trust for Scotland Studies

Programme Requirements

Art History

Postgraduate Diploma: 120 credits from AH5076 - AH5195
M.Litt.: 120 credits as for Postgraduate Diploma plus AH5099
M.Phil.: 120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words

History of Photography

Postgraduate Diploma: 120 credits from AH5076, AH5086, AH5100, AH5101, AH5102, AH5111, AH5113, AH5101, AH5102, AH5140, AH5141, AH5143
M.Litt.: 120 credits as for Postgraduate Diploma plus AH5099
M.Phil.: 120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words

Museum and Gallery Studies

Postgraduate Diploma: 120 credits : AH5504, AH5505 and AH5506
M.Litt.: 120 credits as for Postgraduate Diploma plus AH5099
M.Phil.: 120 credits as for Graduate Diploma plus a thesis of not more than 40,000 words based normally on research taken in close conjunction with a Museum or Gallery

National Trust for Scotland Studies

M.Phil.: 120 credits as for Postgraduate Diploma in Museum and Gallery Studies plus a thesis of not more than 40,000 words based on research undertaken in close conjunction with the National Trust for Scotland

Art History – 5000 Level Modules 2010/11 – August 2010

Modules

AH5079 Thomas Chippendale and Scotland

Credits: 30 Semester: 2

Programme(s): Optional Module for Art History Postgraduate Taught Programmes within the School.

Description: Thomas Chippendale the Elder is not known to have visited Scotland but it can be argued that his impact is more concentrated here than in any other country. This module will introduce Thomas Chippendale against the background of the eighteenth century cabinet making world, analyse the commercial enterprise that was 'Chippendale & Rannie' and then turn attention to the publication, promotion and influence of the Gentleman and Cabinet Makers Director in Scotland. Field visits will be made to the sites of important early commissions and documentary evidence of the firm's activity in Scotland will be studied. The lasting influence of the designs into the 1960s will be addressed.

Class Hour: To be arranged.

Teaching: One seminar.

Assessment: Continuous Assessment = 100%

AH5083 Giorgione

Credits: 30 Semester: 1

Programme(s): Optional Module for Art History Postgraduate Taught Programmes within the School.

Description: The module will focus on the work of the important but highly problematic Venetian Renaissance painter Giorgione, as a case study for the investigation of a range of art-historical approaches. These include: formal analysis; iconography; the investigation of pictorial technique; analysis of literary evidence; consideration of the relationship between art and society; typology.

Class Hour: To be arranged.

Teaching: One seminar.

Assessment: Continuous Assessment = 100%

AH5085 Art and Politics in the Trecento

Credits: 30 Semester: 1

Programme(s): Optional Module for Art History Postgraduate Taught Programmes within the School.

Description: Art in Italy in the period ca. 1230-1400 was sometimes employed to promote the political agendas of the city states. The kings of Naples, oligarchies such as Florence and Siena, and despotic regimes such as those of Milan and Verona employed imagery to express their ideals and achievements and to manipulate public opinion in their favour. This module will investigate the relationship between late medieval Italian art (but mainly sculpture) and competing political ideologies. It will also explore how regimes sympathetic to the Pope or to the German emperor employed art to declare allegiance to one or other of these two 'universal' powers.

Class Hour: To be arranged.

Teaching: Two hour seminar per fortnight.

Assessment: Continuous Assessment = 100%

AH5099 Dissertation for M.Litt. Programme/s

Credits: 60

Prerequisite: An average grade of at least 13.5 in course work.

Programme(s): Compulsory module for all M.Litt. Postgraduate Programmes within the School.

Description: Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.

Class Hour: At times to be arranged with the supervisor

Teaching: Individual Supervision

Assessment: Dissertation = 100%

AH5100 Art Historical Resources and Methods

Credits: 30 Semester: 2

Programme(s): Strongly advised for Art History Postgraduate Taught Programmes.

Description: This module, designed for those enrolled for the M.Litt. and M.Phil., will introduce students to the resources (textual, visual, and electronic) available in St Andrews and elsewhere in Britain for research into the history of art. Emphasis will be placed on electronic resources accessible through the web. As far as possible instruction will be geared to the precise interests of students in order to provide them with a thorough preparation for the writing of their dissertations. Among the topics covered will be the collecting and recording of bibliographic information, the use of visual and documentary archives, note taking and the presentation (oral and written) of scholarly research. Each two hour class will include instruction by the tutor and practical exercises undertaken by students.

Class Hour: To be arranged.

Teaching: Two hour seminar class.

Assessment: Continuous Assessment = 100%

AH5101 Readings in Art History or History of Photography

Credits: 30 Semester: Either

Programme(s): Optional module for Art History Postgraduate students intending to proceed to Ph.D. and Central & East European Studies Postgraduate Taught Programme.

Description: This module is a detailed study of an Art Historical or History of Photography topic agreed between tutor and student. Taught on a one-to-one basis, this reading course will allow postgraduate students to acquire a detailed knowledge of an area of art history in preparation for further research. It will allow them also to develop their research bibliographic skills.

Class Hour: To be arranged.

Teaching: One seminar.

Assessment: Continuous Assessment = 100%

AH5102 Bibliography for Art History or History of Photography

Credits: 30 Semester: Either

Programme(s): Optional module for Art History Postgraduate students intending to proceed to Ph.D.

Description: This module is an exercise in the bibliography and historiography of an aspect of the history of art or the history of photography which in appropriate cases can serve as a useful preparation for a research dissertation.

Class Hour: To be arranged.

Teaching: One seminar.

Assessment: Continuous Assessment = 100%

AH5118 Paragons of Northern Baroque: Rubens and Rembrandt

Credits: 30 Semester: 2

Anti-requisite: AH4076

Programme(s): Optional module for all Art History Postgraduate Taught Programmes within the School

Description: Rubens and Rembrandt are the two most important Northern artists of the seventeenth century and any developed understanding of Netherlandish art during this century relies on a sound acquaintance with their work. The differences between Rubens and Rembrandt (which were socio-economic and biographical, as well as artistic) render a joint study of them unusually instructive and also involve students with some of the most outstanding works of seventeenth century art. (Paintings by both are available for first hand study in Edinburgh and Glasgow.) This module examines the two artists in sequence, and thematically: the art of Rubens is explored first, followed by that of Rembrandt. Themes studied include religious, mythological, allegorical and historical iconography, landscape and portraiture.

Class Hour: To be arranged.

Teaching: One class.

Assessment: Continuous Assessment = 100%

Art History – 5000 Level Modules 2010/11 – August 2010

AH5122 Bernini

Credits: 30 Semester: 2

Programme(s): Optional module for Art History Postgraduate students.

Description: This module examines the career of Gianlorenzo Bernini, sculptor, architect, painter, stage designer and playwright, the premier artist of the popes. It will examine his cultural, political and religious milieu and lay particular emphasis on the theoretical relations between the arts that his oeuvre is seen to embody. In the process it will also review the genre of artistic biography, the historiography of the baroque and the myths of dynamism, theatricality, eroticism (and others) always associated with the period, and Bernini's work in particular.

Class Hour: To be arranged.

Teaching: One seminar.

Assessment: Continuous Assessment = 100%

AH5141 Imperial Lens: Readings in Nineteenth-Century Asian Photography

Credits: 30 Semester: 1

Programme(s): Optional module for Art History Postgraduate students.

Description: This module will explore and interpret the themes and materials relating to the dissemination of photography in nineteenth-century Asia. It will be based largely on the close interpretative discussion of readings of travel photographers and indigenous responses to the camera mainly in the contexts of India, China, and Japan. Students will consider the activities of such key photographers as Linnaeus Tripe, John Thomson, Samuel Bourne, Felice Beato, Lala Deen Dayal and Ueno Hikoma. The module aims to enhance students' critical analysis of both primary and secondary source materials, engaging in postcolonial debates on the camera's political, social and cultural uses in nineteenth-century Asia.

Class Hour: To be arranged.

Teaching: One tutorial.

Assessment: Continuous Assessment = 100%

AH5142 School: Images, Spaces, Artefacts and Ideas of Learning

Credits: 30 Semester: 1

Programme(s): Optional module for Art History Postgraduate students.

Description: This module comprises an interdisciplinary investigation into the images, spaces, artifacts and ideas of schooling. It focuses on the artistic treatment of 'learning' and the development of school architecture. Among the media considered are painting, installation, photography, graphic art, furniture, design and film. Consideration is given to the interpretation of key works by such artists/architects as Wren, Mackintosh, the Smithsons, Holbein, Brueghel, Steen, Moholy-Nagy, Vigo, Rivera, Kantor and Hirst. The module aims to enhance students' conceptualization of 'school', their engagement with contemporary debates concerning the nature of education and their critical awareness of schooling's socio-political and cultural issues.

Class Hour: To be arranged.

Teaching: One tutorial.

Assessment: Continuous Assessment = 100%

AH5143 Vernacular Photography: History, Theory, Representation and Display

Credits: 30 Semester: 2

Programme(s): Optional module for History of Photography programme.

Description: This module is concerned with the field of 'Vernacular Photography' within the broader subject area of History of Photography. It is designed to explore those categories of photographic practice that are generally ignored within the historical canon: hence, and interest in the snapshot image, the family album, and aspects of 'amateur' and illustrative photography. The module will examine the theoretical basis for the study of this area, so focusing on post-structural, semiotic, and sociological accounts of the vernacular photograph. This will be allied to empirical studies within the area relating to specific aspects of the vernacular in historical and contemporary practice.

Class Hour: To be arranged.

Teaching: One tutorial.

Assessment: Continuous Assessment = 100%

AH5504 Theory and Practice of Museums, Art Galleries and Related Organisations, Part 1 : Collections in Context

Credits: 40 Semester: 1
Co-requisites: AH5505, AH5506
Programme(s): Compulsory module for Museum and Gallery Studies and National Trust for Scotland Studies Taught Postgraduate Programmes
Description: This module is only available to students taking the Diploma, M.Litt. or M.Phil. in Museum and Gallery Studies or M.Phil. in National Trust for Scotland Studies. Together with AH5505-AH5506 it forms an essential part of a vocational training programme which combines knowledge and skills development to prepare students for work in the museums/galleries/heritage sector or for further research in this area. Subjects covered include: museum definitions and museum professions; types of museums and museum support systems; history of collecting and museums; current issues and ethics; museum registration; acquisition and disposal policies and practices; collections documentation; collections care and preventive and remedial conservation; security and insurance; collections-based research.
Class Hour: All day Tuesday and Wednesday am.
Teaching: One lecture, one seminar, also practical classes and field trips.
Assessment: Continuous Assessment = 100%

AH5505 Theory and Practice of Museums, Art Galleries and Related Organisations, Part 2: Audiences and Management

Credits: 40 Semester: 2
Co-requisites: AH5504, AH5506
Programme(s): Compulsory module for Museum and Gallery Studies and National Trust for Scotland Studies Taught Postgraduate Programmes
Description: This module is only available to students taking the Diploma, M.Litt. or M.Phil. in Museum and Gallery Studies or M.Phil. in National Trust for Scotland Studies. Together with AH5504 and AH5506 it forms an essential part of a vocational training programme which combines knowledge and skills development to prepare students for work in the museums/galleries/heritage sector or for further research in this area. Subjects covered include: understanding audiences; information services, temporary and permanent exhibitions; display and interpretation; education services and outreach; ethics and current issues; governing bodies and administration; forward planning; project management; finances and fund raising; personnel management; marketing, publicity and media relations.
Class Hour: All day Tuesday and Wednesday am.
Teaching: One lecture, one seminar, also practical classes and field trips.
Assessment: Continuous Assessment = 100%

AH5506 Project Work (Museum and Gallery Studies)

Credits: 40 Semester: Whole Year
Co-requisites: AH5504, AH5505
Programme(s): Compulsory module for Museum and Gallery Studies and National Trust for Scotland Studies Taught Postgraduate Programmes
Description: This module is only available to students taking the Diploma, M.Litt. or M.Phil. in Museum and Gallery Studies or M.Phil. in National Trust for Scotland Studies. Together with AH5504 and AH5505 it forms an essential part of a vocational training programme which combines knowledge and skills development to prepare students for work in the museums/galleries/heritage sector or for further research in this area. This module provides most of the practical skills element of the programme. The practical work undertaken can vary, depending on the particular interests of individual students, but it should normally include: (i) experience of preparing an exhibition as part of a team, including research, selection of exhibits, production of written materials, mounting of displays and provision of educational events; (ii) another, individual project, selected by the student and covering another area of museum work, e.g. collections management, museum outreach activities or museum management.
Class Hour: To be arranged.
Teaching: One seminar per week and practical work.
Assessment: Assessment of student's work portfolio = 100%

School of Biology

Head of School

Professor D Paterson

Taught Programmes

M.Sc.	Sustainable Aquaculture
M.Phil.:	Behavioural and Neural Sciences
M.Res.:	Environmental Biology
	Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences
	Marine Mammal Science
	Marine Systems Science

Programme Requirements

Environmental Biology

M.Res.:	BL5015, BL5018, BL5019, BL5021, ID5005, ID5011 or ID5012, MT5752, MT5753 and 3 of the following: BL5009, BL5010, BL5011, BL5012, BL5013, BL5123, BL5124, MT5751
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Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences

M.Res.:	BL5015, BL5018, BL5019, BL5008, ID5011 or ID5012, MT5752, MT5753 and 4 of the following: BL5009, BL5010, BL5011, BL5012, BL5013, BL5123, BL5124, ID5005, MT5751, MT5754, MT5755
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Marine Mammal Science

M.Res.:	BL5103, BL5104, BL5111, BL5112, BL5201, BL5202, MT5753 and two of the following: BL5010, BL5011, BL5121, BL5122, BL5123, BL5124, MT5751 plus 60 credits from BL5199
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Marine Systems Science

M.Res.:	BL5021, BL5301 - BL5303, 30 (or 35) credits from BL5321, ID5011, MT5753, and 30 credits from BL5322 - BL5324; plus 60 credits from BL5399
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Behavioural and Neural Sciences

M.Phil.:	This programme is offered by direct entry to the second year of an MPhil only. Entry is restricted to candidates with a good first degree (2.1 or equivalent) in a relevant discipline (which should normally have included significant elements of both behavioural and neural sciences approached from the perspectives of Biology and/or Psychology).
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The programme comprises a 40,000 word research thesis.

Sustainable Aquaculture

Postgraduate Certificate:	60 credits from BL4801, BL4802, BL5801 and BL5802.
Postgraduate Diploma:	100 credits from BL4801, BL4802, BL5801 - BL5820, and 20 credits from BL5821 - BL5850
M.Sc.:	120 credits as for the Postgraduate Diploma plus BL5899.

Modules

BL5008 Basic Concepts in Ecology and Evolution

Credits: 15 Semester: 1 (3 weeks)

Programme(s): Compulsory module for M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programme.

Description: The central objective of the module will be to provide an overview of the elements of ecology and evolution that apply directly to environmental issues. The ecology section (6 lectures) will address single-species populations and their growth, competition and its consequences, and predation and related processes. The evolution section (6 lectures) will address variation and its genetic basis, selection, sociality, and sex. This will enable students to achieve a synthesis between their previous training and modern approaches to ecology and evolution, as a prelude to the more specialist topics in later modules.

Class Hour: To be arranged.

Teaching: Four lectures and one tutorial each week for 3 weeks.

Assessment: Continuous Assessment = 40%, One-and-a-half Hour Examination = 60%

BL5009 Plant Responses to their Environment

Credits: 10 Semester: 1 (2 weeks)

Programme(s): Optional module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.

Description: This module examines the ways in which plants interact with their physical, chemical and biological environments, and how human beings influence these interactions. Examples of responses at the cellular and molecular level will be examined within the wider context of the response of the whole organism to different environmental conditions, and particular emphasis will be placed on formulation of hypotheses and on experimental methods. The aim is to provide the student with a knowledge of fundamental plant processes and of how the environment influences plant growth in 'nature' and in agricultural systems.

Class Hour: To be arranged.

Teaching: Three lectures, one tutorial and one practical each week for 2 weeks.

Assessment: Continuous Assessment = 40%, One-and-a-half Hour Examination = 60%

BL5010 Marine Ecology and Physiology

Credits: 10 Semester: 1 (2 weeks)

Programme(s): Optional module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences and M.Res in Marine Mammal Science Postgraduate Taught Programmes.

Description: This module will investigate how simple Newtonian mechanics and consideration of scale can explain many important phenomena at the level of cells, tissues, whole animals and the large scale properties of ecosystems. The lecturers will illustrate the principles with respect to their own research on muscle growth and locomotion, ion and water transporting epithelia, the distribution and behaviour of pelagic organisms and larval recruitment. This theme allows the introduction of central ecological and physiological issues in a context relevant to the previous experience of the participants.

Class Hour: To be arranged.

Teaching: Three lectures, one tutorial each week for 2 weeks and one practical class.

Assessment: Continuous Assessment = 40%, One-and-a-half Hour Examination = 60%

BL5011 Conservation Biology

Credits:	10	Semester:	2 (2 weeks)
Programme(s):	Optional module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.		
Description:	This module will cover the measurement of biodiversity, the meaning of biodiversity, factors determining extinction risk for local populations, and the effect of spatial variation on biodiversity. Practical sessions will include an introduction to diversity measurement (including sampling issues, computer packages and interpretation of output), population viability analysis, and the use of “environmental futures” to guide research strategies.		
Class Hour:	To be arranged.		
Teaching:	Five lectures each week for two weeks, one tutorial, one practical class and one workshop.		
Assessment:	Continuous Assessment = 40%, 2 Hour Examination = 60%		

BL5012 Environmental Genomics

Credits:	10	Semester:	2 (2 weeks)
Programme(s):	Optional module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.		
Description:	In general terms, this module will consider how a knowledge of the organisation and expression of an organism’s genome can (a) inform our understanding of its relationship with its environment and (b) facilitate advanced approaches to environmental monitoring. Specifically, the module will describe current approaches to genome analysis, and will present examples to illustrate the application of modern genomic and proteomic techniques to aspects of microbial ecology, host/parasite interactions and plant evolution.		
Class Hour:	To be arranged.		
Teaching:	Three lectures, one tutorial each week for two weeks and one practical class.		
Assessment:	Continuous Assessment = 40%, One-and-a-half Hour Examination = 60%		

BL5013 Environmental Microbiology and Ecotoxicology

Credits:	10	Semester:	2 (2 weeks)
Programme(s):	Optional module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.		
Description:	This module will provide a foundation for understanding the principles underpinning environmental microbiology and ecotoxicology. Students will be introduced to the physico-chemical parameters which regulate microbial growth in natural environments and the strategies that microorganisms have evolved which enable them to grow in extreme environments. Having gained an overview of the key processes regulating microbial growth, the focus will shift to the consideration of specific case studies. These will include the biogeochemical cycling of nitrogen and sulfur and how an understanding of these processes can be exploited to control eutrophication and bioremediate contaminated soils and water. The final element of this module will be to introduce principles of ecotoxicology and provide an understanding of the origins, significance, and fate and management strategies for the control and removal of environmental pollutants.		
Class Hour:	To be arranged.		
Teaching:	Three lectures, one tutorial each week for 2 weeks and one practical class.		
Assessment:	Continuous Assessment = 40%, One-and-a-half Hour Examination = 60%		

Biology – 5000 Level Modules 2010/11 – August 2010

BL5015 Essential scientific skills and legislation

Credits:	0	Semester:	1 (1 week)
Programme(s):	Compulsory module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.		
Description:	The module is designed to provide an introduction to fundamental research requirements including core laboratory and fieldwork skills to enable safe research in both laboratory and the field. Seminars and lectures will cover the University Safety Policy, Risk Assessment, Fire Safety, COSHH Regulations and relevant legislation for performing research in the UK.		
Class Hour:	To be arranged.		
Teaching:	One lecture and one seminar.		
Assessment:	Continuous Assessment = 100%		

BL5018 Case Studies in Environmental Biology

Credits:	20	Semester:	1 & 2 (8 weeks)
Programme(s):	Compulsory module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.		
Description:	Students will study a series of Case Studies in Environmental Biology linked to the specialist knowledge modules studied in the first semester. Each case study will consist of a lecture component linked to a workshop in which a specific scientific topic will be analyzed. The workshops will include use of database design and management, the use of the internet to run desktop experiments using public databases, field studies and laboratory studies where appropriate. Students will prepare talks, posters and internet based presentations as a means of communicating the outcomes of the workshops to the 'general public'. Concurrent to each case study there will be a seminar programme consisting of student presentations critically evaluating specific research papers.		
Class Hour:	To be arranged.		
Teaching:	One lecture, one seminar each week for 8 weeks and additional workshops.		
Assessment:	Continuous Assessment = 100%		

BL5019 Research Project

Credits:	55	Semester:	2
Programme(s):	Compulsory module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.		
Description:	The project will involve the study of a defined problem within the area of environmental biology appropriate to the modules studied by each student. This will involve the design of experiments; the gathering collation and analysis of data; and the discussion of results on their own and in the light of existing literature. The project will be written up in the form of a research dissertation or where appropriate the report may be in the form of a manuscript suitable for submission to a journal.		
Teaching:	To be arranged.		
Assessment:	Continuous Assessment = 100%		

BL5021 Basic Concepts in Mathematical and Statistical Analysis

Credits: 15 Semester: 1 (3 weeks)
Programme(s): Compulsory module for M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.
Description: This module will provide students with the basic skills and knowledge required for subsequent compulsory modules on Ecological Dynamics and Statistical Modelling. It will demonstrate the unifying concepts underlying all mathematical and statistical modelling of biological systems, and familiarise students with basic notation, model formulation and probability theory. This will be achieved through a series of tightly linked lectures, practicals, tutorials and workbooks. In the course of the module, students will develop increasingly complex and realistic models which will then be confronted with data from a particular ecological system.
Class Hour: To be arranged.
Teaching: Three lectures, two tutorials and three practical classes.
Assessment: Continuous Assessment = 75%, One-and-a-half Hour Examination = 25%

BL5103 Population Biology of Marine Mammals

Credits: 15 Semester: 2
Programme(s): Compulsory Module for M.Res. in Marine Mammal Science
Description: The module reviews the fundamental concepts of population dynamics (growth, density dependence, stability, population structure) and how these are interpreted in the light of the various life-history strategies adapted by different species of marine mammals. It then examines topics in population genetics, trophic interactions and spatial dynamics. The course also covers practical issues involved in population viability analysis and anticipated future developments in integrative modeling approaches.
Class Hour: To be arranged.
Teaching: Four lectures, one seminar and one practical class each week for three weeks.
Assessment: Continuous Assessment = 50%, One-and-a-half Hour Examination = 50%

BL5104 Conservation and Management of Marine Mammals

Credits: 15 Semester: 2
Programme(s): Compulsory Module for M.Res. in Marine Mammal Science
Description: From the heated debates surrounding whaling to calls for seal culls to protect commercial fish stocks, issues pertaining to marine mammals feature regularly in the public domain and often polarise public opinion. Finding ways to address human-marine mammal conflicts and advise on mitigation have become important tasks for many marine mammal scientists. Through a series of lectures, seminars, debates and workshops, students will explore human-marine mammal interactions to better understand the underlying factors. They will learn to critically evaluate current conservation and management issues and will explore ways in which sound science can contribute to alleviate existing and future conflicts.
Class Hour: To be arranged.
Teaching: Three lectures and two seminars each week for four weeks.
Assessment: Continuous Assessment = 50%, One-and-a-half Hour Examination = 50%

BL5111 Essential Methods in Marine Mammal Science I

Credits: 10 Semester: 1
Anti-requisites: BL5021
Programme(s): Compulsory Module for M.Res. in Marine Mammal Science
Description: This module provides the basic numerical and computational skills necessary for visualizing and summarizing data sets. It is designed as a primer for more advanced courses in statistical modeling and also as an introduction to the computer language R. The examples and computer practicals are motivated from the ecological literature.
Class Hour: To be arranged.
Teaching: Five lectures and two practical classes each week for two weeks, tutorials and one seminar.
Assessment: Continuous Assessment = 50%, One-and-a-half Hour Examination = 50%

Biology – 5000 Level Modules 2010/11 – August 2010

BL5112 Essential Methods in Marine Mammal Science II

Credits: 20 Semester: Whole Year

Programme(s): Compulsory Module for M.Res. in Marine Mammal Science

Description: This module will provide an overview of the wide range of methodologies applied in the field of marine mammal science. Lectures will introduce different techniques for sampling individual animals, animal behaviour, abundance and distribution. Students will learn to plan research activities and apply different technical approaches to data collection, processing and analysis. Practicals will provide training in basic principles of GIS application and passive acoustic techniques. During an 8-day optional field trip students will put into practice many of the theoretical aspects and techniques discussed in class.

Class Hour: To be arranged.

Teaching: Four lectures each week for four weeks, two practical classes each week for three weeks and an optional 8-day field trip (during spring break).

Assessment: Continuous Assessment = 100%

BL5121 Current Issues in Marine Mammal Behaviour

Credits: 10 Semester: 2

Prerequisites: BL5201

Programme(s): Optional Module for M.Res. in Marine Mammal Science

Description: Marine mammals are often seen as highly intelligent and complex in their behaviour. This module will investigate such claims by discussing current views and recent advances in the study of marine mammal social behaviour. Each student will present one topic to the class and lead the discussion on it. Topics covered will include brain evolution, dolphin signature whistles, referential communication, cetacean culture, equivalence classes, cooperation and concept formation.

Class Hour: To be arranged.

Teaching: One lecture and nine seminars spread over two weeks

Assessment: Continuous Assessment = 50%, One-and-a-half Hour Examination = 50%

BL5122 Current Issues in Biologging

Credits: 10 Semester: 2

Prerequisites: BL5201

Programme(s): Optional Module for M.Res. in Marine Mammal Science

Description: This module will present an introduction to marine mammal biologging science: the theory and practice of logging and relaying physical and biological data using animal-attached tags. Lectures will cover the technology currently available for measuring animal movements, investigating behaviour, ecology and physiology, some of the problems associated with tag design in terms of how data is stored and transmitted, and problems associated with data analysis and data display.

Class Hour: To be arranged.

Teaching: Three lectures, one seminar and one practical class each week for two weeks.

Assessment: Continuous Assessment = 50%, One-and-a-half Hour Examination = 50%

BL5123 Studying Marine Mammals in the Wild: A field course in Iceland

Credits:	10	Semester:	before semester 1
Availability:	Not available 2010-11		
Prerequisite:	BL1002, BL3319, and BL3318 which is preferred but not essential		
Programme(s):	Optional module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.or Marine Mammal Science		

Description: This field course will teach the fundamentals of a suite of field methodologies used in the study of free-ranging cetaceans (whales and dolphins). Students will stay at housing in Husavik, in an integrated field course setting. During week one, students will receive background lectures on the diverse assemblage of dolphins and whales off Husavik, learn the theory and practice use of each of the different cetacean research methodologies. The methods will include: photo-identification, tracking cetaceans at sea, ship-based survey techniques, behavioural observational techniques, vertical-array acoustics using time-delay methods, towed-array acoustics using beamforming, bottom-mounted hydrophone recording, and shore tracking using a surveyor's transit (theodolite). Experts will present research seminars focusing on how the methodologies are used in cutting-edge research. Master's level students devise and carry out a specific research project using data collected during the fieldwork. M.Res. students will work alongside senior Honours students who will focus on the technical aspects of the methodologies.

Class Hour:	Two weeks, full-time
Teaching:	Lectures, seminars and practicals
Assessment:	Continuous Assessment = 100%

BL5124 Predator Ecology in Polar Ecosystems - A field course in Antarctica

Credits:	10	Semester:	2
Prerequisite:	Undergraduate degree in relevant Biological disciplines and/or admittance to St Andrews MRes Programmes, Medical certificate documenting fit for travel to remote Antarctica		
Anti-requisite:	BL4301		
Programme(s):	Optional module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes or Marine Mammal Science.		

Description: This module offers MRes students the unique opportunity to gain theoretical and practical experience in polar ecology with special emphasis on top predators (cetaceans, pinnipeds, sea birds), ecosystem functionality and management of Antarctic marine living resources. Students will participate in a two week vessel-based expedition to Antarctica during the austral summer. This field trip involves travelling to southern Argentina, conducting at-sea surveys during transit to/ from the Antarctic Peninsula, participating in shore-based activities, and exploring Antarctic coastal waters from small boats. Through a series of specialist lectures, student-led seminars, on-board practicals, field excursions and dedicated observational studies students will gain in-depth understanding and critical awareness of the current scientific, conservation and management challenges of the Antarctic ecoregion. Upon return to St Andrews students will complete a specialist case study on a selected topic which will culminate in the presentation of a report in journal format.

Class Hour:	Two weeks, full-time
Teaching:	Lectures, seminars and practicals for two weeks
Assessment:	Continuous Assessment = 100%

Biology – 5000 Level Modules 2010/11 – August 2010

BL5199 Marine Mammal Science Research Project

Credits: 60 Semester: summer

Anti-requisite: BL5110

Programme(s): Compulsory module for M.Res. in Marine Mammal Science.

Description: The research project or dissertation will involve the study of a defined problem within the field of marine mammal science. Students will be required to collate and analyse data and discuss their results in the light of existing literature. In some cases, projects might also involve the design of experiments or the gathering of data. Each project will be written up in the form of a thesis.

Teaching: To be arranged.

Assessment: Research report or Thesis of up to 15,000 words (excluding bibliography) = 100%

BL5201 Biology of Marine Mammals

Credits: 10 Semester: 1

Prerequisites: Undergraduate courses in behaviour, ecology, physiology, zoology or marine science

Programme(s): Compulsory Module for M.Res. in Marine Mammal Science

Description: This module introduces the zoogeography of marine mammals and the morphological, physiological and behavioural adaptations which have enabled this diverse group to successfully colonise all of the world's oceans and some freshwater systems. Students will gain an understanding of the physiological and behavioural complexity underlying movement patterns, diving, foraging, reproduction, and social dynamics of marine mammals across different temporal and spatial scales. Lectures will focus on topical issues and selected examples illustrating and contrasting some of the strategies employed by different marine mammal groups.

Class Hour: To be arranged.

Teaching: Four lectures over four weeks and two tutorials.

Assessment: 2 Hour Examination = 100%

BL5202 Case Studies in Marine Mammal Biology

Credits: 10 Semester: 1

Co-requisite: BL5201

Programme(s): Compulsory Module for M.Res. in Marine Mammal Science

Description: Many of the most topical issues in marine mammal science revolve around ecology and behaviour. In this module, students will explore aspects of diving, foraging, reproduction and social behaviour of marine mammals in greater detail through a series of student-lead seminars, lab practicals and field excursions. Emphasis will be placed on current advances in understanding and research methods. The issues discussed here are often at the base of human-marine mammal conflicts, thus understanding the underlying ecological principles not only provides interesting insights into marine mammal biology but also yields consequences for marine mammal conservation and management.

Class Hour: To be arranged.

Teaching: Two lectures, Five seminars, two practicals and 2 daylong field trips.

Assessment: Continuous Assessment = 100%

BL5301 Marine Systems I

Credits: 15 Semester: 1

Programme(s): Compulsory Module for M.Res. in Marine Systems Science

Description: This module will provide students with an advanced and focused understanding of selected key marine systems. It will introduce the concept of an Earth System and the linkages between biology, chemistry and physics in delivering ecosystem services and maintaining biodiversity. The Current state of knowledge will be synthesized but with emphasis on the speed of change and paradigms in research and management (e.g. Marine Protected Areas). This will provide students with a modern overview of the dynamic processes within and between systems. Together with BL5302 *Marine Systems II*, this module will provide the foundation from which detailed knowledge and skills to measure and interpret system data can develop, together with the use of tools for whole system analysis and management.

Class Hour: To be arranged.

Teaching: Five lectures, one seminar and one practical over three weeks.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

BL5302 Marine Systems II

Credits: 15 Semester: 2

Programme(s): Compulsory Module for M.Res. in Marine Systems Science

Description: This module will build on BL5301 Marine Systems I to provide students with a broad understanding of key marine systems. It will further enhance the concept of an Earth System and allows more detailed exploration of key systems, contrasting these to highlight significant environmental drivers. Important physical, chemical, biological and geological processes will be studied, alongside key biotic and abiotic interactions. Knowledge will be synthesized to provide students with a critical understanding of dynamic processes within and between systems. Together with BL5301 *Marine Systems I*, this module will provide the foundation from which detailed knowledge and skills to measure and interpret systems data can develop, together with use of tools for whole system analysis and management. This module is taught at the Scottish Association for Marine Science facility at Oban.

Class Hour: To be arranged.

Teaching: Five lectures and one practical each week over three weeks.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

BL5303 Marine Systems Research Methods

Credits: 15 Semester: 2

Programme(s): Compulsory Module for M.Res. in Marine Systems Science

Description: The study of marine systems requires familiarity with the remote methods of sampling this environment. These methods include the instruments and sampling devices used in physical, geological, biological, chemical and biogeochemical oceanography. The students will use these methods both on ship and in the laboratory, collecting data that they will analyse and disseminate. The module will also include development of scientific writing skills. This module is taught at the Scottish Association for Marine Science facility at Oban.

Class Hour: To be arranged.

Teaching: Six lectures, one tutorial and five practicals in total.

Assessment: Continuous Assessment = 100%

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BL5321 Marine Biodiversity and Ecosystem Function

Credits: 15 Semester: 1

Programme(s): Optional Module for M.Res. in Marine Systems Science

Description: This module will provide students with an advanced understanding of biodiversity issues in key marine systems. The current state of knowledge will be synthesized and the most recent theoretical approaches to the measurement of biodiversity, the relationship between biodiversity and ecosystem function examined (The BEF debate). The concept of ecosystem services, over-yielding and habitat connectivity will be addressed. This will provide students with a modern overview of the dynamic interaction between biodiversity and system processes within and between systems.

Class Hour: To be arranged.

Teaching: Five lectures, one seminar and one practical each week over three weeks.

Assessment: Continuous Assessment = 100%

BL5322 Managing Marine Resources for Sustainability

Credits: 30 Semester: 2

Programme(s): Optional Module for M.Res. in Marine Systems Science

Description: This module, through lectures, practical and field/industry visits, will provide students with a broad understanding of issues surrounding use and management of marine resources. Concepts of sustainability and coastal zone management will be explored and examined from the perspective of a variety of stakeholders. Examples of resources extraction and use (e.g. oil/gas, fisheries, renewable energy) will identify key concepts underpinning sustainability and develop student awareness of the related ecological, social, economic and political issues. Underlying principles of conservation and management tools will also be addressed to equip students with critical understanding of system-based approaches to sustainable resource use. This module differs from BL5324 *Organisms to Ecosystems: Anthropogenic Impacts* which takes a more ecological view of the impacts of human activity, including marine resource use, seeking to explore the consequences for biodiversity and ecosystem function. This module is taught at the Scottish Association for Marine Science facility at Oban.

Class Hour: To be arranged.

Teaching: Three to four lectures each week over six weeks, and three practicals and three field trips during the module.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

BL5323 Advanced Modelling

Credits: 30 Semester: 2

Programme(s): Optional Module for M.Res. in Marine Systems Science

Description: Building on the basic concepts of modelling, and systems modelling taught at St Andrews, this module will teach, through lectures and linked practical sessions, an introduction to physical circulation models, individual and population-based spatial models and ecosystem modeling techniques. Additionally, coupled bio-physical models will be taught. The module will give an overview of the different physical and biological models used in marine systems science, including the assumptions, parameters needed and some examples of these models, together with application of techniques and interpretation of outcomes. This module is taught at the Scottish Association for Marine Science facility at Oban.

Class Hour: To be arranged.

Teaching: Five lectures, one tutorial and five practical classes each week for three weeks.

Assessment: Continuous Assessment = 100%

BL5324 Organisms to Ecosystems: Anthropogenic Impacts

Credits: 30 Semester: 2

Programme(s): Optional Module for M.Res. in Marine Systems Science

Description: Human activities are resulting in a number of physical, chemical, biological and social changes which impact on marine systems, from the organism to the ecosystem level. This elective module will explore the various impacts of these, focusing in particular on the research expertise of SAMS scientists. Physically- driven change will concentrate on Earth's changing climate, ocean acidification and marine sound whilst chemically driven processes will cover metal and oil contamination. Biologically-driven changes will range from aquaculture to marine aliens and finally social change will address the impact of fisheries on the marine system. The module is distinct from BL5322 *Managing Marine Resources for Sustainability* which focuses primarily on the management, legislative and policy issues surrounding resource use rather than the ecological impacts. This module is taught at the Scottish Association for Marine Science facility at Oban.

Class Hour: To be arranged.

Teaching: Three to four lectures and one practical each week over six weeks, and three tutorials over the duration of the module.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

BL5399 Marine Systems Science Research Project

Credits: 60 Semester: summer

Programme(s): Compulsory module for M.Res. in Marine Systems Science.

Description: The research project or dissertation will involve the study of a defined problem within the field of marine systems science. Students will be required to collate and analyse data and discuss their results in the light of existing literature. In some cases, projects might also involve the design of experiments or the gathering of data. Each project will be written up in the form of a thesis.

Teaching: To be arranged.

Assessment: Research report or Thesis of up to 15,000 words (excluding bibliography) = 100%

BL4801 Aquaculture and Fisheries

Credits: 10 Semester: 2 (TBC)

Programme(s): Compulsory Module for Sustainable Aquaculture Taught Postgraduate Programme

Description: This module provides an introduction to the global importance of aquaculture with fisheries industries worldwide. The module will compare both aquaculture and fishing industries with terrestrial, agricultural sources of food production. The global markets for aquaculture, fisheries and agricultural products will be assessed. The environmental interactions of aquaculture will be discussed with relation to the definition of, and development of, sustainable aquaculture practices. The principles of developing sustainable aquaculture in different global environments/conditions will be discussed.

Class Hour: To be arranged.

Teaching: One lecture and one tutorial each week for 5 weeks.

Assessment: Continuous Assessment = 40%, 2 Hour Examination = 60%

BL4802 Biology for Aquaculture

Credits: 10 Semester: 2 (TBC)

Programme(s): Compulsory Module for Sustainable Aquaculture Taught Postgraduate Programme

Description: This module provides an understanding of the fundamental biology of aquaculture species. This includes the anatomy and physiology of both invertebrate and vertebrate aquaculture species. The interaction of aquaculture species with the aquatic environment and the requirements for developing sustainable aquaculture will be assessed.

Class Hour: To be arranged.

Teaching: One lecture and one tutorial each week for 10 weeks.

Assessment: Continuous Assessment = 40%, 2 Hour Examination = 60%

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BL5801 Nutrition

Credits: 20 Semester: 2 (TBC)
Programme(s): Compulsory Module for Sustainable Aquaculture Taught Postgraduate Programme
Description: This module provides advanced knowledge of the anatomy, physiology and nutritional requirements of key fish and invertebrate species and a critical assessment of the sustainability of feed production technology. It will also assess and discuss the relationship between clinical nutrition and fish health, the role of microbiota in fish nutrition and the importance of nutrition in developing optimal animal welfare.
Class Hour: To be arranged.
Teaching: One lecture and one tutorial each week for 10 weeks.
Assessment: Continuous Assessment = 60%, 2 Hour Examination = 40%

BL5802 Management, Husbandry and Sustainability

Credits: 10 Semester: 2 (TBC)
Programme(s): Compulsory Module for Sustainable Aquaculture Taught Postgraduate Programme
Description: This module provides advanced knowledge of production management and business management of modern aquaculture practices. Environmental, social and economic sustainability of aquaculture depends on an understanding of the interactions of differing but complementary management structures.
Class Hour: To be arranged.
Teaching: One lecture and one tutorial each week for 5 weeks.
Assessment: Continuous Assessment = 60%, 2 Hour Examination = 40%

BL5803 Health and Disease

Credits: 20 Semester: 2 (TBC)
Programme(s): Compulsory Module for Sustainable Aquaculture Taught Postgraduate Programme
Description: This module provides advanced knowledge of the factors that influence disease processes in cultured fish and invertebrates including viral, bacterial, parasitic and non-infectious disease. The wide range of specific causes of disease and pathology in farmed species will be discussed and the importance of operations and management on the development and impact of disease in optimizing fish welfare and developing sustainable and ethical aquaculture practices will be assessed critically.
Class Hour: To be arranged.
Teaching: One lecture and one tutorial each week for 10 weeks.
Assessment: Continuous Assessment = 60%, 2 Hour Examination = 40%

BL5804 Markets, Products, Processing and Food Safety

Credits: 10 Semester: 2 (TBC)
Programme(s): Compulsory Module for Sustainable Aquaculture Taught Postgraduate Programme
Description: This module provides advanced knowledge of aquaculture markets, products, processing and food safety. Understanding the processes of ensuring the safety and quality of aquaculture products is central to establishing efficient and sustainable aquaculture practices.
Class Hour: To be arranged.
Teaching: One lecture and one tutorial each week for 5 weeks.
Assessment: Continuous Assessment = 60%, 2 Hour Examination = 40%

BL5805 Local and Global Impacts of Aquaculture

Credits: 10 Semester: 2 (TBC)
Programme(s): Compulsory Module for Sustainable Aquaculture Taught Postgraduate Programme
Description: This module provides advanced knowledge of the environmental impact of aquaculture practices on both local and global scales. Understanding the environmental impact of aquaculture practices is central to improving and developing sustainable aquaculture.
Class Hour: To be arranged.
Teaching: One lecture and one tutorial each week for 5 weeks.
Assessment: Continuous Assessment = 60%, 2 Hour Examination = 40%

BL5821 Breeding and Genetics

Credits: 10 Semester: 2 (TBC)
Programme(s): Optional Module for Sustainable Aquaculture Taught Postgraduate Programme
Description: This module provides advanced knowledge of selective breeding programmes and modern genetic techniques applied in aquaculture practices. Scientific and ethical issues raised by the application of genetic engineering will be examined with the context of developing sustainable aquaculture.
Class Hour: To be arranged.
Teaching: One lecture and one tutorial each week for 5 weeks.
Assessment: Continuous Assessment = 100%

BL5822 Advanced Welfare and Ethics

Credits: 10 Semester: 2 (TBC)
Programme(s): Optional Module for Sustainable Aquaculture Taught Postgraduate Programme
Description: This module provides advanced knowledge of the welfare and ethical issues raised by current aquaculture practices. Animal welfare is rapidly developing as a major ethical issue within all areas of food production including aquaculture. Future development of sustainable aquaculture must incorporate ethical practices, optimizing animal welfare and as a consequence improving the final product.
Class Hour: To be arranged.
Teaching: One lecture and one tutorial each week for 5 weeks.
Assessment: Continuous Assessment = 100%

BL5823 Recirculation Aquaculture Systems

Credits: 10 Semester: 2 (TBC)
Programme(s): Optional Module for Sustainable Aquaculture Taught Postgraduate Programme
Description: This module provides advanced knowledge of the use of recirculating aquaculture systems in modern aquaculture practices. Recirculating aquaculture systems potentially provide environmentally sustainable aquaculture practices but must be assessed and viewed within the context of ethical, financial and social components of sustainability.
Class Hour: To be arranged.
Teaching: One lecture and one tutorial each week for 5 weeks.
Assessment: Continuous Assessment = 100%

BL5824 Ornamental and Aquaria Production

Credits: 10 Semester: 2 (TBC)
Programme(s): Optional Module for Sustainable Aquaculture Taught Postgraduate Programme
Description: This module provides advanced knowledge of animals produced by the ornamental and aquaria section of the aquaculture business. This sector of the aquaculture business has specific issues with relation to establishing sustainable aquaculture practices. In particular, the sustainability and ethical issues with reference to both captive breeding systems and wild caught fish supply will be examined and assessed for different trade sectors.
Class Hour: To be arranged.
Teaching: One lecture and one tutorial each week for 5 weeks.
Assessment: Continuous Assessment = 100%

BL5825 Larval Rearing

Credits: 10 Semester: 2 (TBC)
Programme(s): Optional Module for Sustainable Aquaculture Taught Postgraduate Programme
Description: This module provides advanced knowledge of the larval production techniques used in the aquaculture business. Larval production is often the rate limited step in development of new aquaculture species and presents particular ethical and sustainability issues with regard to current production techniques.
Class Hour: To be arranged.
Teaching: One lecture and one tutorial each week for 5 weeks.
Assessment: Continuous Assessment = 100%

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BL5899 Sustainable Aquaculture Research Dissertation

Credits: 60 Semester: Whole Year

Programme(s): Compulsory Module for Postgraduate M.Sc. in Sustainable Aquaculture

Description: The research dissertation will involve the study of a defined problem within the field of Sustainable Aquaculture. Students will be required to collate and analyse data and to discuss their results in the light of existing literature. In some cases, projects might also involve the design of experiments or the gathering of data. Each project will be written up in the form of a thesis.

Teaching: Individual supervision

Assessment: Dissertation of up to 15,000 words = 100%

ID5005 Enterprise, Creativity and Innovation (10)

Credits: 10 Semester: 1

Programme(s): **Compulsory module** for M.Res in Environmental Biology Postgraduate Taught Programme.

Optionally available to all other Postgraduate Taught Programmes, subject to approval of Course Director/Coordinator within individual Schools.

Description: In this module students will acquire a critical understanding of the concepts and theories that help to understand enterprise and the processes of entrepreneurship and leadership. Through these two elements students will enhance their ability to generate ideas through creative thinking and cognitive-mapping as well as understand the significance and protection of intellectual property rights. This will enable them to better instigate, facilitate and practice in a rigorous approach to entrepreneurship and executive creativity. Teaching media will include formal lectures, case study analysis, team-based workgroups and visiting speakers.

Class Hour: To be arranged.

Teaching: One lecture and one seminar per week over 7 weeks.

Assessment: Continuous Assessment = 100%

ID5011 Geographic Information Systems for Environmental Management

Credits: 15 Semester: 1

Prerequisite: A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated

Anti-requisite: GE5005, ID5010, ID5012

Programme(s): Either ID5011 or ID5012 is a Compulsory module for Environmental Biology M.Sc., M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes, Mathematics & Statistics, Economics, Management and Environmental History Taught Postgraduate Programmes.

Description: This module provides an introduction to Geographic Information systems and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final, short individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of environmental examples will be given. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth and environmental science, biology, archaeology, and mathematics.

Class Hour: To be arranged.

Teaching: Lectures, practicals and occasional tutorials.

Assessment: Continuous Assessment = 50%, Short Project = 50%

ID5012 Advanced Geographic Information Systems

Credits:	20	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5010, ID5011		
Programme(s):	Either ID5011 or ID5012 is a Compulsory module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.		
Description:	This module provides an advanced training in Geographic Information Systems (GIS) and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes with emphasis on a final independent GIS project. The module will begin with an introduction to data storage and manipulation, basic analysis of 2D and 3D spatial digital data and methods of display and will conclude with database design and more advanced data analysis using ArcGIS. Assessment will be based on the class exercises and the final project. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth science, biology, economics and management and mathematics.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 40%, Individual Project = 60%		

MT5751 Estimating Animal Abundance

Credits:	10	Semester:	2 (2 weeks)
Programme(s):	Optional module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences and M.Res. in Marine Mammal Science Postgraduate Taught Programmes.		
Description:	The module will introduce students to the main types of survey method for wildlife populations. It will cover simple methods in some detail and provide students with a conceptual framework for building understanding of more advanced methods. By the end of the course, students will be able to identify an appropriate assessment method for a given population, be able to design a simple survey to assess the population, and perform simple analyses of survey data. Students will get experience in using the methods via computer practical sessions involving design and analyses of surveys conducted by computer simulation.		
Class Hour:	To be arranged.		
Teaching:	Four lectures, one tutorial and two practical classes each week for 2 weeks.		
Assessment:	Continuous Assessment = 40%, 2 Hour Examination = 60%		

MT5752 Modelling Ecological Dynamics

Credits:	20	Semester:	2 (4 weeks)
Prerequisite:	BL5021 or substantial quantitative training		
Programme(s):	Compulsory module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.		
Description:	This module is designed to provide practical training in the construction and use of mathematical models of ecological dynamic systems. The module will start by covering basic dynamical concepts and mathematical tools, and will then cover modelling of individuals, single species populations, interacting populations and ecosystems. At all stages students will be expected to build and analyse models, with a combination of pencil and paper and computer software.		
Class Hour:	To be arranged.		
Teaching:	Four lectures, one tutorial and three practicals each week for 4 weeks.		
Assessment:	Continuous Assessment = 40%, 2 Hour Examination = 60%		

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MT5753 Statistical Modelling

Credits:	20	Semester:	1 (4 weeks)
Programme(s):	Compulsory module for M.Res. in Environmental Biology and M.Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences and M.Res. in Marine Mammal Science Postgraduate Taught Programmes.		
Description:	This module will introduce the main ideas of linear and generalised linear statistical modelling and will provide training in applied statistical modelling. The module structure is as follows: what statistical models are and what they are for; distributions, point and interval estimation and hypothesis testing; simple linear regression models for normal data; multiple regression; multiple regression with qualitative explanatory variables; less linear models for non-normal data; generalized linear models. Lectures will be built around the book “An Introduction to Statistical Modelling” (Krzanowski, 1998), which closely matches what we believe to be an ideal course structure.		
Class Hour:	To be arranged.		
Teaching:	Four lectures, one tutorial and three practicals each week for 4 weeks.		
Assessment:	Continuous Assessment = 40%, 2 Hour Examination = 60%		

MT5754 Mini Project 1

Credits:	20	Semester:	2 (4 weeks)
Prerequisite:	MT5752 or the equivalent course outwith St Andrews		
Programme(s):	Optional module for M. Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.		
Description:	This module is an alternative to students who have already studied MT5752 (Modelling Ecological Dynamics) as part of their undergraduate training or have gained an equivalent level of training out-with St Andrews. The module will allow the student to apply the skills and knowledge previously acquired in a short mini project appropriate to the taught module. The mini project will be designed to have the same workload as the equivalent taught module.		
Class Hour:	To be arranged.		
Teaching:	Individual projects planned with the appropriate Module Co-ordinator and meetings arranged as required.		
Assessment:	Continuous Assessment = 100%		

MT5755 Mini Project 2

Credits:	20	Semester:	1 (4 weeks)
Prerequisite:	MT5753 or the equivalent course outwith St Andrews		
Programme(s):	Optional module for M. Res. in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.		
Description:	This module is an alternative to students who have already studied MT5753 (Statistical Modelling) as part of their undergraduate training or have gained an equivalent level of training outwith St Andrews. The module will allow the student to apply the skills and knowledge previously acquired in a short mini project appropriate to the taught module. The mini project will be designed to have the same workload as the equivalent taught module.		
Class Hour:	To be arranged.		
Teaching:	Individual projects planned with the appropriate Module Co-ordinator and meetings arranged as required.		
Assessment:	Continuous Assessment = 100%		

School of Chemistry

Head of School Professor J D Woollins

Taught Programmes

M.Phil.: Chemistry

Programme Requirements

Chemistry

M.Phil.: CH5442 and 60 credits chosen, with the approval of the Director of Teaching from the following: CH4461, CH4511, CH4513, CH4611, CH4612, CH4613, CH4711, CH4712, CH4713, CH5511, CH5513, CH5514, CH5515, CH5611, CH5612, CH5613, CH5614, CH5615, CH5616, CH5711, CH5712, CH5713, CH5714, CH5716, CH5717 and CH5718.

Modules

CH5442 Chemistry Research Project for First Year M.Phil.

Credits: 60 Semester: Whole Year

Programme(s): Compulsory module for M.Phil. in Chemistry

Description: The research project for M.Phil. only aims to develop the students' skills in the following areas: experimental design and problem-solving; abstraction, evaluation and interpretation of data in the chemical literature; practical skills and teamwork; communication of results orally and in a dissertation. The project will be selected and supervised by a member of the academic staff. It will contain a significant literature survey.

Class Hour: To be arranged.

Teaching: 540 hours spread over both semesters and summer vacation.

Assessment: Continuous Assessment = 100%

For details of the other modules listed above, see the Undergraduate Chemistry Honours Catalogue or view the modules individually online via:

<http://portal.st-andrews.ac.uk/catalogue/simple.htm>

School of Classics

Including: Ancient History, Classical Studies, Greek and Latin

Head of School

Professor F S Halliwell

Taught Programmes

Postgraduate Diploma: Ancient History
Classical Studies
Greek
Greek & Latin
Latin

M.Litt.: Ancient History
Classical Studies
Greek
Greek & Latin
Latin

M.Phil.: Ancient History
Classical Studies
Greek
Greek & Latin
Latin

Programme Requirements

Ancient History

Postgraduate Diploma: 120 credits from AN5001 – AN5199 (excluding AN5099), GK5010, LT5103, LT5104. AN5001 is compulsory. With the permission of the relevant Head(s) of School, up to 40 credits may be taken from other programmes taught by the School of Classics or by other Schools.

M.Litt.: 120 credits as for the Postgraduate Diploma plus AN5099

M.Phil.: 120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Classical Studies

Postgraduate Diploma: CL5201, *either* LT5103 *or* GK5201, and 60 further credits from CL5001 – CL5098, CL5101 – CL5199, CL5301 – CL5499, AN5101 – AN5199, GK5010, GK5101 – GK5199, GK5201, GK5202, LT5001 – LT5098, LT5103, LT5104. With the permission of the relevant Head(s) of School, up to 40 credits may be taken from other programmes taught by the School of Classics or by other Schools. If a candidate has already attained the equivalent linguistic standards of GK5201 and GK5202 or LT5103 and LT5104, the Head of School may give permission for a different 40 credit module to be taken in their place.

M.Litt.: 120 credits as for the Postgraduate Diploma plus CL5099.

M.Phil.: 120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words.

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Greek & Latin

Postgraduate Diploma:	CL5201, 40 credits from GK5101 – GK5199, GK5010, and 40 credits from LT5001 – LT5098, LT5103 plus LT5104 (but GK5010 and LT5103 plus LT5104 may not both be taken). With the permission of the relevant Head(s) of School, up to 40 credits may be taken from other programmes taught by the School of Classics or by other Schools. If a candidate has already attained training equivalent to CL5201, the Head of School may give permission for another 40 credit module to be taken in its place.
M.Litt.:	120 credits as for the Postgraduate Diploma plus CL5099.
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words.

Greek

Postgraduate Diploma:	CL5201, 40 credits from GK5101 – GK5199, and a further 40 credits from GK5101 – GK5199, CL5301 – CL5499, AN5101 – AN5199 With the permission of the relevant Head(s) of School, up to 40 credits may be taken from other programmes taught by the School of Classics or by other Schools.
M.Litt.:	120 credits as for the Postgraduate Diploma plus GK5099.
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words.

Latin

Postgraduate Diploma:	CL5201, 40 credits from LT5001 – LT5098, and a further 40 credits from LT5001 – LT5098, CL5301 – CL5499, AN5101 – AN5199. With the permission of the relevant Head(s) of School, up to 40 credits may be taken from other programmes taught by the School of Classics or by other Schools.
M.Litt.:	120 credits as for the Postgraduate Diploma plus LT5099.
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words.

With the permission of the Heads of School concerned, up to 40 credits in other modules may be substituted for modules specified in the above programmes.

Modules

AN5001 Themes and Methods in Ancient History

Credits:	40	Semester:	Whole Year
Programme(s):	Compulsory module for Ancient History Postgraduate Taught Programme.		
Description:	This module will provide an introduction to the research opportunities in Ancient History, with instruction in the skills appropriate to different areas and interests. The topics covered in the module will include both Greek and Roman historiography, economic, social, cultural and religious aspects of the Ancient World, and various modern historiographical approaches.		
Class Hour:	To be arranged.		
Teaching:	Weekly meetings plus tutorials as required.		
Assessment:	Continuous Assessment = 100%		

AN5003 Integrated Study Abroad (Athens)

Credits: 40 Semester: 2
Programme(s): Optional module for Ancient History Postgraduate Taught Programme.
Description: Supervised study at the British School at Athens.
Class Hour: None.
Teaching: Regular seminars, plus one major research paper.
Assessment: Continuous Assessment = 100%

AN5004 Integrated Study Abroad (Rome)

Credits: 40 Semester: 2
Programme(s): Optional module for Ancient History Postgraduate Taught Programme.
Description: Supervised study at the British School at Rome.
Class Hour: None.
Teaching: Regular seminars, plus one major research paper.
Assessment: Continuous Assessment = 100%

AN5099 Dissertation for M.Litt. Programme/s

Credits: 60
Prerequisite: An average grade of at least 13.5 in course work.
Programme(s): Compulsory module for Ancient History M.Litt. Postgraduate Programme
Description: Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour: At times to be arranged with the supervisor
Teaching: Individual Supervision
Assessment: Dissertation = 100%

AN5101 Greek and Roman Warfare

Credits: 40 Semester: 2
Programme(s): Optional module for Ancient History Postgraduate Taught Programme.
Description: This module studies the literary, iconographic and archaeological evidence for warfare in the Greek and Roman world. Various aspects will be highlighted, in particular the social and economic implications of war for ruling elites, for urbanisation and for ancient technology. It will approach the subject from a broad chronological perspective stretching from the Archaic to the Late Roman periods, thus allowing long-term trends and developments to be followed through, such as the role and influence of mercenaries, the rise of military professionalism (with its impacts on art and literature) and the presentation of military status within societies.
Class Hour: To be arranged.
Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials
Assessment: Continuous Assessment = 100%

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AN5103 Religion and Society in the Ancient Greek World

Credits: 40 Semester: 2

Programme(s): Optional module for Ancient History Postgraduate Taught Programme.

Description: This module will examine the role of religious practice and belief in Greek society, from the sixth till the fourth century BC. It will look at a variety of different cults - from inter-state cults such as Delphi and Olympia, through the level of the polis to family religion - and at a range of different themes: the relationship of religion with politics and polis-ideology, the practice of divination, the belief in the afterlife (among many others). A particular emphasis will be laid on the examination of religious change, placing the sceptical ideas of the fifth century in the context of traditional religious conceptions.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials

Assessment: Continuous Assessment = 100%

AN5106 Athens in the Fifth Century

Credits: 40 Semester: 2

Programme(s): Optional module for Ancient History Postgraduate Taught Programme.

Description: This module will examine the history of Athens in the fifth century BCE: the development of Athens' 'empire' and of her democracy, her relationship with other Greek and non-Greek powers, as well as the history of Athenian culture, trade and ideology. Use will be made of a range of different sources: amongst others, the historians Herodotus and Thucydides, Greek tragedy and comedy, public art and vase painting.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials

Assessment: Continuous Assessment = 100%

AN5112 The Archaeology of the City of Rome

Credits: 40 Semester: 2

Programme(s): Optional module for Ancient History Postgraduate Taught Programme.

Description: This module will provide an introduction to the history and archaeology of the city of Rome from her earliest foundation until the Early Mediaeval period. A wide variety of forms of evidence will be examined, including literary, epigraphic and iconographic sources, alongside the results of centuries of antiquarian studies and archaeological excavation. Among the themes pursued will be Italian urbanisation, Rome as 'Consumer City', Rome as centre of power, and Rome as patroness of architectural and artistic culture. Individual regions of the city will be examined in detailed topographical studies, and specific buildings will be analysed in respect of their economic functions and construction.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials

Assessment: Continuous Assessment = 100%

AN5116 Cicero and the invention of Roman political thought

Credits: 40 Semester: 1

Programme(s): Optional module for Ancient History Postgraduate Taught Programme.

Description: The module will focus in particular on detailed study of Cicero's *On the Republic* and *On the Laws*, with additional reference made to the full range of Cicero's own writing on Roman politics, to his background in Greek philosophy, and to his legacy in later times. We shall consider Cicero's view of the development of the Roman constitution, his assertion of human rights, and his belief in a divinely sanctioned category of law, all of which were to become important and influential in later times. We shall also look at the connection between Cicero's view of ethics and its place within Roman political action, and compare Cicero's views with those of leading contemporary Stoics and Epicureans.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials

Assessment: Continuous Assessment = 100%

AN5120 Identity and Power in the Roman East

Credits: 40 Semester: 1

Programme(s): Optional module for Ancient History Postgraduate Taught Programme.

Description: This module concerns the Greeks under Roman rule, especially in the provinces where Greek culture exercised a cultural hegemony over those of other subjects of Rome. More Greek literature has survived from this period than from the fifth and fourth centuries BC and the architecture of Romano-Greek cities dwarves that of the classical period. Both will be considered as will the Greeks' unusual position as subjects of an empire that largely deferred to their culture. Greek classicism, the role of Greeks in the running of the empire, and their relations with non-Greek populations will also be considered.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials

Assessment: Continuous Assessment = 100%

AN5129 The Emperor Constantine and the World of Late Antiquity

Credits: 40 Semester: 1

Programme(s): Optional module for Ancient History, Classical Studies, Greek, Latin, Greek & Latin Postgraduate Taught Programmes.

Description: This module will be a study of Constantine I as emperor using original sources, including, among others, Eusebius (*Ecclesiastical History and Life of Constantine*), Lactantius, Zosimus and the laws of Constantine in the Theodosian Code and elsewhere, plus material evidence. While his contribution to the Christianization of the Roman world is important, Constantine will also be viewed in his broader historical context as a reforming successor to Diocletian and the Tetrarchy, as a military dynast and as the founder of Constantinople.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials

Assessment: Continuous Assessment = 100%

Classics – 5000 Level Modules 2010/11 – August 2010

AN5132 The Archaeology of Religion in Greece (Prehistoric to Late Antique)

Credits: 40 Semester: 1

Programme(s): Optional module for Ancient History, Classical Studies Postgraduate Taught Programmes.

Description: This module takes an interdisciplinary approach to the study of Greek religion. By drawing primarily on the archaeological evidence, historical, literary and visual sources will be combined to highlight the different types of religious material culture (pottery, sculpture, burials, temples, sanctuaries etc) and to apply this knowledge to a study of religious practice from prehistoric to Christian Greece. Sites such as Knossos, the Athenian Acropolis, Delphi, Olympia, Sparta and a number of sites in Attica may form a focus. Key themes will be the changing nature of religious expression according to topography and chronology; evidence of continuity of cult and reading the function and use of space through architecture, location and material culture.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials

Assessment: Continuous Assessment = 100%

AN5137 Tyranny and Kingship in the Ancient Mediterranean

Credits: 40 Semester: 1

Programme(s): Optional module for Ancient History, Classical Studies, Greek, Greek & Latin, and Latin Postgraduate Taught Programmes.

Description: This module spans Mediterranean history from the seventh to the third century BCE, examining autocracy in its many forms. From Tarquinius Superbus in Rome to Pisistratus in Athens; from Dionysius I to the Roman dictators, the module uses a broad historical scale to pose questions about the nature of rulership and the ways in which individuals wielded power in classical times. What was the difference between a *basileus* and a *tyrannos*? What did Dionysius of Halicarnassus mean when he referred to the Roman dictatorship as an 'elective tyranny'? How could a notoriously cruel tyrant like Periander of Corinth gain a posthumous reputation as a lawgiver and sage? By examining instances of sole rule through the works of historians (from Herodotus to Livy) and philosophers (from Plato to Cicero), students will gain an understanding of the workings of political power in antiquity, and the ways in which ancient writers have themselves influenced modern formulations of ancient politics.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials

Assessment: Continuous Assessment = 100%

AN5139 Archaeology of Greece: city, countryside and communication

Credits: 40 Semester: 1

Programme(s): Optional module for Ancient History, Classical Studies, Greek, Greek & Latin, and Latin Postgraduate Taught Programmes.

Description: This module offers the opportunity to study a diachronic range or a defined period of Greek society through material culture within its topographical context. The choice of location of ancient cities, sanctuaries, burials etc. is a conscious process. Through the study of this process, modern scholars are able to read and reconstruct cognitive elements of a society, the reasons sites are established, grow and possibly decay, and to do so without relying on behaviourist principles. In this module, architecture and archaeology more broadly will be examined within a historical (where relevant) and topographic framework to highlight the diachronic development of urban and rural space as they communicated between themselves and within the broader Mediterranean world. Political, economic and social issues will be examined through key concepts and methods such as the Network Society and spatial analysis will be employed to illustrate and challenge perceived theories regarding society in Greece. Students are given the opportunity to develop their own interests in Greek archaeology and as such, a range of areas within Greece and the broader Eastern Mediterranean, and periods from the Bronze Age to Late Antique may be covered.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials

Assessment: Continuous Assessment = 100%

CL5099 Dissertation for M.Litt. Programme/s

Credits: 60
Prerequisite: An average grade of at least 13.5 in course work.
Programme(s): Compulsory module for Greek & Latin M.Litt. Postgraduate Programmes.
Description: Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour: At times to be arranged with the supervisor
Teaching: Individual Supervision
Assessment: Dissertation = 100%

CL5201 Themes and Methods in Classics

Credits: 40 Semester: Whole Year
Anti-requisite: AN5001
Programme(s): Compulsory module for Classical Studies, Greek, Latin and Greek & Latin Postgraduate Taught Programmes.
Description: This module will provide an introduction to the research opportunities in Classical Studies and Greek and Latin language and literature, with instruction in the skills appropriate to different areas and interests. The topics covered in the module will include: various modern approaches to literature; texts and transmission; translation; reception.
Class Hour: To be arranged.
Teaching: One 2 hour seminar.
Assessment: Continuous Assessment = 100%

CL5305 Research Training: Special Topic 1

Credits: 20 Semester: 2
Anti-requisite: CL5306
Programme(s): Optional module for Classical Studies, Greek & Latin, Greek, and Postgraduate Taught Programmes.
Description: This module gives students intending to do research the opportunity to conduct an intensive reading programme on an author, genre or topic which is relevant but not central to the intended programme of research, and to develop skills in reading Greek and Latin, in critical interpretation and synthesis. The topic (typically a text or corpus of texts) will be decided in consultation with the appropriate Chairman and the supervisor.
Class Hour: To be arranged.
Teaching: Introductory meeting followed by 5 fortnightly 30-minute tutorials.
Assessment: Continuous Assessment = 100%

CL5306 Research Training: Special Topic 2

Credits: 40 Semester: Both
Anti-requisite: CL5305
Programme(s): Optional module for Classical Studies, Greek & Latin, Greek, and Latin Postgraduate Taught Programmes.
Description: This module gives students intending to do research the opportunity to conduct an intensive reading programme on an author, genre or topic which is relevant but not central to the intended programme of research, and to develop skills in reading Greek and Latin, in critical interpretation and synthesis. The topic (typically a text or corpus of texts) will be decided in consultation with the appropriate Chairman and the supervisor.
Class Hour: To be arranged.
Teaching: Introductory meeting followed by 5 one-hour tutorials.
Assessment: Continuous Assessment = 100%

Classics – 5000 Level Modules 2010/11 – August 2010

CL5406 Enacting Gender in Aristophanic Comedy

Credits: 40 Semester: 2
Programme(s): Optional module for Ancient History, Classical Studies, Greek, Greek & Latin Postgraduate Taught Programmes.

Description: This module will explore the performance of gender in Aristophanic comedy. It will look at the close relation between acting, gender, and dress in the *Thesmophoriazousae*, *Lysistrata*, and *Ecclesiazousae* and ask what these plays reveal about Aristophanes' take on masculinity and femininity, and the relationship between sex and gender. It will consider the idea of gender as socially constructed role-play, and ask to what extent Aristophanes' comedies support this idea. The module will also engage with the difficult question of the relationship between gender in Aristophanes, and gender and sexuality in Athenian culture at large. The module will combine a close reading of the plays, with literature on gender studies.

This module is intended for students without Greek, but it can be adapted for students with Greek who would like to study Aristophanes in Greek.

Class Hour: To be arranged.
Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.
Assessment: Continuous Assessment = 100%

CL5409 The Ancient and Modern Novel

Credits: 40 Semester: 1
Programme(s): Optional module for Classical Studies, Greek, Latin, and Greek & Latin Postgraduate Taught Programmes.

Description: This module looks at the Greek and Latin novels of the Roman Empire. It examines a number of texts in depth, with special reference to the interrelation between the ancient novels and other forms of literary production from the same period, and to their playful and often nightmarish reshaping of the ideals and realities of their contemporary society. Throughout the course we will view these texts through the lens of theoretical approaches to modern fiction, with reference amongst other things to their significance for the formation of modern literary conventions. The course seeks to build up a broad view of ancient narrative, but it can be studied with its main emphasis on either Greek or Latin texts, according to individual interest. Candidates who take LT5017 on Apuleius will not be allowed any significant focus on Apuleius within this module.

Class Hour: To be arranged.
Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.
Assessment: Continuous Assessment = 100%

CL5422 The Expansion of the Afterlife

Credits: 40 Semester: 1
Programme(s): Optional module for Ancient History, Classical Studies, Greek, and Latin Postgraduate Taught Programmes.

Description: The Underworld in the sixth book of Virgil's *Aeneid* is infinitely more complex than that of Homeric epic. What kinds of factors contributed to such change? In this module we shall read two key epic texts, separated by some c. 800 years, namely Homer, *Odyssey* 11, and Virgil; *Aeneid* 6. We shall examine some of the intervening trends in ancient thought, from the development of 'science' with the Presocratic philosophers, through Mystery-religions, to Plato and his reception in the late Roman Republic. We shall discuss which of these trends made the greatest impact on the picture of the epic Underworld between Homer and Virgil.

Class Hour: To be arranged.
Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.
Assessment: Continuous Assessment = 100%

CL5425 Classical Reception

Credits: 40 Semester: 1
Programme(s): Optional module for Ancient History, Classical Studies, Greek, and Latin Postgraduate Taught Programmes.
Description: This module offers the opportunity to study an increasingly influential sub-discipline of Classics: 'Reception Studies'. The module will examine how and for what purposes classical culture is perceived and transmitted; evaluate theoretical approaches and methods (both historicist and ahistoricist) to reading ancient texts 'against' receiving texts; and test these approaches through targeted examples of the reception of Virgil and Ovid. While tutorial time will be devoted to the literary reception of Augustan epic, students will have the chance in coursework to undertake case-studies in other authors, ancient and modern, and/or to explore 'reception' in non-literary contexts (e.g. art, film, theatre).
Class Hour: To be arranged.
Teaching: Introductory meeting followed by 5 fortnightly one-hour seminars.
Assessment: Continuous Assessment = 100%

CL5426 Plato on Democracy and Tyranny

Credits: 40 Semester: 2
Programme(s): Optional module for Ancient History, Classical Studies, Greek, and Latin Postgraduate Taught Programmes.
Description: In this module we shall examine Plato's portrait of democracy and tyranny and his response to their admirers. It will serve as an introduction to the study of Plato and to some fundamental themes of his political thought. Why does Plato regard both democracy and tyranny as defective polities? Why does he later acknowledge a need to temper autocracy with liberty? Topics will include the following: Socrates and democracy; the tyrant as an ideal; democracy, democratic individuals, tyranny and the tyrant in the Republic; the survey of democracy and autocracy in the Laws. Knowledge of Greek will not be assumed.
Class Hour: To be arranged.
Teaching: Introductory meeting followed by 5 fortnightly one-hour seminars.
Assessment: Continuous Assessment = 100%

GK5099 Dissertation for M.Litt. Programme/s

Credits: 60
Prerequisite: An average grade of at least 13.5 in course work.
Programme(s): Compulsory module for Greek M.Litt. Postgraduate Programmes
Description: Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour: At times to be arranged with the supervisor
Teaching: Individual Supervision
Assessment: Dissertation = 100%

GK5102 Greek Tragedy and Athenian Culture

Credits: 40 Semester: 2
Programme(s): Optional module for Greek and Greek & Latin Postgraduate Taught Programmes.
Description: This module will allow for study of both selected primary texts (Aeschylus and/or Sophocles and/or Euripides) and major critical issues in the field of Classical Athenian Tragedy. The topics to be covered will be chosen from areas of literary, theatrical, historical and broader cultural interest bearing on the status and development of tragic drama in the fifth century, with particular emphasis on the relationship of tragedy to the political, social and religious values and institutions of the Athenian polis. The module will consider the ways in which tragedy questioned or endorsed Athenian civic culture, as well as the genre's relationship with other forms of civic practice. The course will bring together close linguistic study of Greek texts and engagement with larger concerns arising from current and recent scholarship.
Class Hour: To be arranged.
Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.
Assessment: Continuous Assessment = 100%

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GK5103 Comedy and Society in Classical Athens

Credits: 40 Semester: 1

Programme(s): Optional module for Greek and Greek & Latin Postgraduate Taught Programmes.

Description: This module will study selected primary texts (Aristophanes and/or Menander) and major critical issues in the field of Classical Athenian Comedy (Old and/or New). The topics to be covered will be chosen from areas of literary, theatrical, historical and broader cultural interest bearing on the status and development of comic drama in the fifth and fourth centuries, including the relationship of comedy to the political, social and ethical values of the Athenian polis. The course will bring together close linguistic study of Greek texts and engagement with larger concerns arising from current and recent scholarship.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.

Assessment: Continuous Assessment = 100%

GK5104 Greek Rhetoric and Ideology

Credits: 40 Semester: 1

Programme(s): Optional module for Greek and Greek & Latin Postgraduate Taught Programmes.

Description: This module will allow for study of both selected primary texts and major critical issues in the field of Classical Greek oratory and rhetorical theory. Students will study examples of fifth and fourth century sophistic writing and rhetorical treatises, Thucydidean speeches, Athenian forensic oratory and relevant selections from Plato. They will consider the key formal features of persuasive discourse in the Classical period and will explore the nature and development of rhetoric via the aforementioned texts. Students will also consider the relationship between rhetoric and Athenian democracy, particularly the ways in which rhetorical discourse and sophistry came to be an object of ideological scrutiny as well as a vehicle for ideological projection. The course will bring together close linguistic study of Greek texts and engagement with larger concerns arising from current and recent scholarship.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.

Assessment: Continuous Assessment = 100%

GK5105 Greek Aesthetics

Credits: 40 Semester: 2

Programme(s): Optional module for Greek and Greek & Latin Postgraduate Taught Programmes.

Description: This module will study selected primary texts and major critical and philosophical issues in the field of Greek aesthetics, here understood pluralistically to encompass ancient writings on the theory of poetry, visual art and music, and/or on the nature of beauty. Texts will be taken from a wide range of authors and periods, stretching from archaic Greece to the Neoplatonism of late antiquity. The topics to be covered may include: Greek conceptions of 'art' in relation to later paradigms of aesthetics; theories of individual arts and their traditions; ideas of artistic representation/mimesis; competing accounts of the psychological and ethical value of poetry and other arts in education and in the culture at large. The course will bring together close linguistic study of Greek texts and engagement with larger concerns arising from current and recent scholarship.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.

Assessment: Continuous Assessment = 100%

GK5108 Greek Literature in the Roman Empire

Credits: 40 Semester: 1
Programme(s): Optional module for Greek, and Greek & Latin Postgraduate Taught Programmes.

Description: Despite an explosion of recent interest in the subject, the Greek literature of the Roman Empire is still a vast, untapped reservoir of material for study. This module undertakes close examination of a carefully chosen selection of texts—including works by Plutarch, Lucian, Philostratus, Dio Chrysostom, Alciphron. It aims to combine detailed analysis with investigation of their wider literary and social contexts, looking amongst other things at the cultural significance of their powerful manipulation of the Greek literary heritage; at their varied strategies of authorial self-presentation, with special reference to the role of rhetorical education as an instrument of social distinction in Greek cities under Rome rule; and at the intertextual relationships between Greek and Latin texts of the same period.

Class Hour: To be arranged.
Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.
Assessment: Continuous Assessment = 100%

GK5201 Greek 1

Credits: 20 Semester: 1
Anti-requisite: GK5010
Programme(s): Optional module for Ancient History, Classical Studies, Greek, Greek & Latin, Mediaeval Studies and Theological Interpretation of Scripture Postgraduate Taught Programmes.

Description: This module is designed to provide both beginners and near-beginners with a thorough grounding in the grammar and syntax of ancient Greek. No prior knowledge of ancient Greek or Latin and Greek grammatical categories is assumed. The module is devoted to an intensive set of language classes and is designed to provide the training necessary to progress to GK5202. But it is also designed to take this module on its own as a means of gaining a basic skills in reading and interpreting Greek (e.g. key terms, quotations and inscriptions) within programmes which do not have a focus on studying texts in the original language but which often require some familiarity with the language (i.e Ancient History and Classical Studies).

Class Hour: 10.00 am
Teaching: 4 tutorials per week.
Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

GK5202 Greek 2

Credits: 20 Semester: 2
Prerequisite: GK5201 or equivalent
Anti-requisite: GK5010
Programme(s): Optional module for Ancient History, Classical Studies, Greek, Greek & Latin, Mediaeval Studies and Theological Interpretation of Scripture Postgraduate Taught Programmes.

Description: This module comprises language classes intended to supplement the topics covered in GK5201 and to prepare students for the challenge of reading and interpreting Greek literature. One prose set text will be studied in the original Greek in such a way as both to enhance the linguistic confidence of students and to explore literary and cultural issues arising from the works. The current set text is a speech by Lysias (written for a sensational murder trial), which opens up a range of themes important for the larger history of Greek literature in its historical context.

Class Hour: 10.00 am
Teaching: 4 tutorials per week.
Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

Classics – 5000 Level Modules 2010/11 – August 2010

LT5001 Roman Epic

Credits: 40 Semester 1

Programme(s): Optional module for Greek & Latin and Latin Postgraduate Taught Programmes.

Description: This module studies the development of Latin epic from the beginnings to the first century AD. A selection of texts is studied, chosen in consultation between student and supervisor. Topics covered may include the influence of Greek epic upon the Latin writers, and the development of epic in the century after Vergil; and close study will be made of theme and structure, and the style and technique of each poet.

Class Hour: By arrangement.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.

Assessment: Continuous Assessment = 100%

LT5016 Latin Didactic Poetry

Credits: 40 Semester: 2

Programme(s): Optional module for Greek & Latin and Latin Postgraduate Taught Programmes.

Description: This module examines the development of one of the major genres of Classical Latin poetry during the late Republic and early empire, with due consideration of the Hellenistic and archaic Greek background. A selection of texts, chosen in consultation between student and supervisor, will be studied, with particular attention to their literary form and background, to the didactic poet's message, and to his self-presentation as an authority and teacher.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.

Assessment: Continuous Assessment = 100%

LT5018 Literature in the Reign of Nero

Credits: 40 Semester: 1

Programme(s): Optional module for Latin and Greek & Latin Postgraduate Taught Programmes.

Description: This module studies literature written during the reign of the emperor Nero (A.D. 54-68), when there was a renaissance in Latin writing that produced, among other works, philosophical and other writings of the younger Seneca, the satires of Persius, the epic of Lucan, and the novel of Petronius. Students will study selected works of literature from the period, and explore the social, political, artistic and cultural context in which they were written, and the continuities and discontinuities between literature under Nero and under the preceding emperors.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.

Assessment: Continuous Assessment = 100%

LT5020 Latin Astronomical Poetry

Credits: 40 Semester: 2

Programme(s): Optional module for Classical Studies, Greek & Latin, and Latin Postgraduate Taught Programmes.

Description: In ancient Rome, the *Phaenomena* of Aratus, written in c.280 BCE, is said to have been the most often read work after the epics of Homer. Numerous commentaries were written on it, including the only surviving treatise of the great astronomer Hipparchus. It was translated into Latin verse many times from the first century BCE to the fourth century CE. The ancient obsession with the work seems strange to us, since the *Phaenomena* is a didactic poem in Greek hexameters describing in verbal form a map of the constellations, and listing the weather signs which accompany them. This module will explore the tradition and try to account for the widespread legacy of the *Phaenomena*.

Class Hour: To be arranged.

Teaching: Introductory meeting followed by 5 fortnightly one-hour tutorials.

Assessment: Continuous Assessment = 100%

LT5099 Dissertation for M.Litt. Programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Compulsory module for Latin M.Litt. Postgraduate Programmes
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

LT5103 Latin 1

Credits:	20	Semester:	1
Anti-requisite:	Knowledge of Latin equivalent to LT1001 or above		
Programme(s):	Optional module for Ancient History, Classical Studies, Greek & Latin, and Theological Interpretation of Scripture Postgraduate Taught Programmes.		
Description:	The aim of this module is to cover the basics of Latin grammar and syntax, together with extra reading of Latin texts in the latter part of the semester.		
Class Hour:	3.00 pm and by arrangement.		
Teaching:	Four classes.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

LT5104 Latin 2

Credits:	20	Semester:	2
Prerequisites:	LT5103 or the equivalent		
Anti-requisite:	Knowledge of Latin equivalent to LT1003 and LT1004 except with the permission of the Head of School.		
Programme(s):	Optional module for Ancient History, Classical Studies, Greek & Latin, and Theological Interpretation of Scripture Postgraduate Taught Programmes.		
Description:	This module continues the study of Latin grammar and syntax, and reading Latin prose.		
Class Hour:	3.00 pm and by arrangement.		
Teaching:	Four classes.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

School of Computer Science

Head of School

Professor A Dearle

Taught Programmes

Postgraduate Diploma:

Advanced Computer Science
Information Technology
Management & Information Technology

M.Sc.:

Advanced Computer Science
Artificial Intelligence
Information Technology
Management & Information Technology
Networks & Distributed Systems
Software Engineering

Erasmus Mundus M.Sc.

Software Engineering (*not available 2010-11*)

Programme Requirements

Advanced Computer Science

Postgraduate Diploma:

40-60 credits from modules CS5011, CS5021, CS5031; except with permission from the Head of School, pass in CS5001; 35 - 60 credits (up to 15 of these from appropriate 4000-level CS modules, with approval) from CS5012, CS5013, CS5022, CS5023, CS5032, CS5033, CS5900; up to 40 credits from IS5102, IS5103, IS5104, IS5105.

M.Sc.:

Requirements for Postgraduate Diploma, including (except with permission from the Head of School) a pass at grade 13.5 or better in CS5001; 5 credits from IS5101, plus 60 credits from CS5999

Artificial Intelligence

M.Sc.:

25 credits from modules CS5011, IS5101; 20-40 credits from CS5021, CS5031, except with permission from the Head of School, grade 13.5 or better in CS5001; 60 credits from CS5999, the dissertation topic being in *Artificial Intelligence*; 35 - 60 credits (up to 15 of these from appropriate 4000-level CS modules, with approval) from CS5012, CS5013, CS5019, CS5022, CS5023, CS5032, CS5033, CS5900, (including: either grade 13.5 or better in CS5011 and in one of CS5012, CS5013, CS5019; or 35 - 40 credits from CS5012, CS5013, CS5019, the 4000-level CS dip-down module if it is in Artificial Intelligence); up to 40 credits from IS5102, IS5103, IS5104, IS5105.

Information Technology

Postgraduate Diploma:

100 credits from IS5102, IS5103, IS5105, IS5107, IS5109 plus 20 credits from IS5104 or IS5106

M.Sc.:

120 credits from modules as for Postgraduate Diploma, 60 credits from IS5198.

Computer Science – 5000 Level Modules 2010/11 – August 2010

Management & Information Technology

Postgraduate Diploma:	80 credits from modules IS5102, IS5103, MN5461, MN5470, 20 credits from MN5553, MN5556, MN5601, and 20 credits from IS5104, IS5105
M.Sc.:	120 credits from modules as for Postgraduate Diploma, plus 5 credits from IS5101, and 60 credits from IS5199 or MN5599.

Networks & Distributed Systems

M.Sc.:	25 credits from modules CS5021, IS5101; 20-40 credits from CS5011, CS5031, except with permission from the Head of School, grade 13.5 or better in CS5001; 60 credits from CS5999, the dissertation topic being in <i>Networks & Distributed Systems</i> ; 35 - 60 credits (up to 15 of these from appropriate 4000-level CS modules, with approval) from CS5012, CS5013, CS5022, CS5023, CS5029, CS5032, CS5033, CS5900, (including: either grade 13.5 or better in CS5021 and in one of CS5022, CS5023, CS5029; or 35 - 40 credits from CS5022, CS5023, CS5029, the 4000-level CS dip-down module if it is in <i>Networks & Distributed Systems</i>); up to 40 credits from IS5102, IS5103, IS5104, IS5105.
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Software Engineering

M.Sc.:	25 credits from modules CS5031, IS5101; 20-40 credits from CS5011, CS5021; except with permission from the Head of School, grade 13.5 or better in CS5001; 60 credits from CS5999, the dissertation topic being in <i>Software Engineering</i> ; 35 - 60 credits (up to 15 of these from appropriate 4000-level CS modules, with approval) from CS5012, CS5013, CS5022, CS5023, CS5032, CS5033, CS5039, CS5900 (including: either grade 13.5 or better in CS5031 and in one of CS5032, CS5033, CS5039; or 35 - 40 credits from CS5032, CS5033, CS5039, and the 4000-level CS dip-down module if it is in <i>Software Engineering</i>); up to 40 credits from IS5102, IS5103, IS5104, IS5105.
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Modules

CS5001 Object-Oriented Programming

Credits:	5	Semester	1
Programme(s):	Compulsory module for Advanced Computer Science, Artificial Intelligence, Networks & Distributed Systems, and Software Engineering Taught Postgraduate Programmes.		
Description:	This module is a core module for students (except where exempted by the Head of School) on each of our computer science MSc programmes, and for the associated PG Diploma programme. It introduces and revises object-oriented programming up to the threshold required to complete programming assignments within other MSc modules. The content will include Data types, Method and Class structures, Repetition structures (while, for etc), Exception handling, I/O mechanisms and Commenting & Documentation techniques. Students complete a workbook of exercises at their own pace, with a small number of lectures but extensive demonstrator support in the laboratory sessions.		
Class Hour:	Variable		
Teaching:	Lectures, tutorials and practical classes.		
Assessment:	Continuous Assessment = 100%		

CS5011 Advanced Artificial Intelligence

Credits: 20 Semester 1

Programme(s): Compulsory module for Advanced Computer Science (CS5011 and/or CS5021 and/or CS5031), Artificial Intelligence, Networks & Distributed Systems (either CS5011 or CS5031 or both), and Software Engineering (either CS5011 or CS5021 or both) Taught Postgraduate Programmes.

Description: This module will cover foundational knowledge of Artificial Intelligence (AI). The module will give an overview of AI and its philosophy. It will cover basic topics in logic and using logic for representation of knowledge. It will show how search is used to solve combinatorial problems in AI. The fundamentals of machine learning, neural networks and robotics will be shown, together with their relation to cognitive science. A basic understanding of an Artificial Intelligence programming language such as Prolog will be provided. The notion of uncertainty in Artificial Intelligence will be covered. Finally, it will be shown how to implement AI ideas in software and how to evaluate such implementations.

Class Hour: To be arranged.

Teaching: Lectures, seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 100%

CS5012 Language & Perception

Credits: 20 Semester 2

Availability: Not Available 2010-11

Prerequisites: CS5011, CS5021 and CS5031

Programme(s): **Optional** module for Advanced Computer Science, Artificial Intelligence, Networks & Distributed Systems and Software Engineering Taught Postgraduate Programmes.

Description: This module will cover the major aspects of natural language processing and speech understanding as well as parts from image and musical processing. It will cover computational syntax (in particular, stochastic parsing), computational semantics, discourse processing, machine translation, speech recognition, musical and visual processing. The difference between symbolic (logical, rule-based) approaches and sub-symbolic (statistical, neural-net) approaches will be shown, together with the various applications of these two paradigms and their evaluation. Combinations of the two approaches will be taught as well, in particular the integrative paradigm known as Data-Oriented Parsing. The module will emphasise a unifying view of language and perceptual processing.

Class Hour: To be arranged.

Teaching: Lectures, seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 40%, Two-and-a-half Hour Examination = 60%

CS5013 Knowledge & Reasoning

Credits: 20 Semester 2

Prerequisites: CS5011, CS5021 and CS5031

Programme(s): **Optional** module for Advanced Computer Science, Artificial Intelligence, Networks & Distributed Systems and Software Engineering Taught Postgraduate Programmes.

Description: This module will build on some of the foundations covered in the core module (CS5011), as well as extending understanding to a research level in the areas of Knowledge Representation and Reasoning with knowledge. The module will cover advanced means of knowledge representation using logic. The notion of inference in logical systems will be introduced. Automated reasoning will be implemented using advanced AI programming techniques in a language such as Prolog. Constraint Satisfaction and Constraint Programming will be taught, with emphasis on modeling and propagation in constraint programming. It will be shown how the various models and techniques can be tested and evaluated.

Class Hour: To be arranged.

Teaching: Lectures, seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 40%, Two-and-a-half Hour Examination = 60%

Computer Science – 5000 Level Modules 2010/11 – August 2010

CS5019 Artificial Intelligence (Special Subject)

Credits: 20 Semester 2

Prerequisites: Grade 13.5 in CS5011 and the consent of the Head of School

Anti-requisites: C5029 and CS5039

Programme(s): **Optional** module for Artificial Intelligence Taught Postgraduate Programme.

Description: This module is a guided reading module on any aspect of Artificial Intelligence not covered by other available modules. It is intended only for MSc students in Artificial Intelligence, for whom it is particularly appropriate to deliver an individually designed programme of study in a specialist area of Artificial Intelligence not covered by other modules.

Class Hour: To be arranged.

Teaching: Tutorials and practical classes.

Assessment: Continuous Assessment = 100%

CS5021 Advanced Networks and Distributed Systems

Credits: 20 Semester 1

Programme(s): Compulsory module for Advanced Computer Science, Artificial Intelligence (either CS5021 or CS5031 or both), Networks & Distributed Systems, and Software Engineering (either CS5011 or CS5021 or both) Taught Postgraduate Programmes.

Description: This module has two main themes: Networking and Distributed Systems. In the Networking theme it covers the networking protocol stack and related technologies, highlighting distributed systems issues such as concurrency and routing where appropriate. Topics include layered architectures; the protocol concepts; physical communication: wired and wireless; data link protocols; reliability; resource utilization; efficiency; LAN, MAN, WAN and PAN interfaces; Network tools: common commands and programming interfaces; security threats services and mechanisms. In the Distributed Systems theme, topics covered include: application level protocols: client-server; concurrency and causality; mutual exclusion; message passing; failure modes & recovery.

Class Hour: To be arranged.

Teaching: Lectures, seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 100%

CS5022 Distributed Systems Architecture

Credits: 20 Semester 2

Availability: Not Available 2010-11

Prerequisite: CS5021

Programme(s): **Optional** module for Advanced Computer Science, Artificial Intelligence, Networks & Distributed Systems and Software Engineering Taught Postgraduate Programmes.

Description: This module will cover Distributed System Case Studies; Transparency in Distributed Systems; Principles of Middleware; Examples of Object-Oriented Middleware e.g. CORBA, RMI, .NET; Service oriented computing; Web Services stack; Grid computing; Message-Oriented-Middleware; Frameworks e.g. J2EE, Containers, Inversion of Control; Reflection e.g. Dynamic Invocation, Interface Repositories; P@P and Overlay Technologies e.g. KBR, DOL, DHT: Chord, Pastry, Napster, Gnutella, bitTorrent; Persistence: Principles of Persistence, Data Storage Technologies, Data binding, Distributed file systems (CDA).

Class Hour: To be arranged.

Teaching: Lectures, seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 100%

CS5023 Mobile & Multimedia Systems

Credits: 20 Semester 2

Prerequisite: CS5021

Programme(s): **Optional** module for Advanced Computer Science, Artificial Intelligence, Networks & Distributed Systems and Software Engineering Taught Postgraduate Programmes.

Description: This module examines and analyses the way in which computing and communication are used to allow mobile systems to function across a heterogeneous environment, with variations in available network resources and diverse/intermittent network connectivity. Also, we examine and analyse the ways in which multimedia information is captured, processed, and rendered, to introduce multimedia quality of service (QoS) and to analyse the ways in which multimedia data is transmitted across networks. A key outcome of the module is for students to gain an appreciation for, and to be able to critically assess the capabilities and constraints of, mobile and multimedia systems. This will help to build a thorough understanding of working within today's fixed (wired) and wireless/mobile environments and technologies, with variable and often limited resources.

Class Hour: To be arranged.

Teaching: Lectures, seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 40%, Two-and-a-half Hour Examination = 60%

CS5029 Networks & Distributed Systems (Special Subject)

Credits: 20 Semester 2

Prerequisites: Grade 13.5 in CS5021 and the consent of the Head of School

Anti-requisites: C5019 and CS5039

Programme(s): **Optional** module for Networks & Distributed Systems Taught Postgraduate Programmes.

Description: This module is a guided reading module on any aspect of Networks & Distributed Systems not covered by other available modules. It is intended only for M.Sc. students in Networks & Distributed Systems, for whom it is particularly appropriate to deliver an individually designed programme of study in a specialist area of Networks & Distributed Systems not covered by other modules.

Class Hour: To be arranged.

Teaching: Tutorials and practical classes.

Assessment: Continuous Assessment = 100%

CS5031 Advanced Software Engineering

Credits: 20 Semester 1

Anti-requisite: IS5105

Programme(s): Compulsory module for Advanced Computer Science, Artificial Intelligence (either CS5021 or CS5031), Networks and Distributed Systems (either CS5011 or CS5031), and Software Engineering Taught Postgraduate Programmes.

Description: This module will cover: Approaches to software reuse – System families, COTS, components, services. Reuse-oriented software processes. Understanding the environment where software will be installed. Construction by configuration – adapting and tailoring COTS to a specific environment. Component-based software engineering – principles and component models. Service-oriented architectures and the implementation of reusable web services.

Class Hour: To be arranged.

Teaching: Lectures, seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 100%

Computer Science – 5000 Level Modules 2010/11 – August 2010

CS5032 Critical Systems Engineering

Credits: 20 Semester 2

Prerequisites: CS5031

Programme(s): **Optional** module for Advanced Computer Science, Artificial Intelligence, Networks & Distributed Systems and Software Engineering Taught Postgraduate Programmes.

Description: The aim of this module is to provide students with an understanding of the concepts and development techniques used for critical, socio-technical systems. When students have completed this module they will: understand the notion of system dependability and the key characteristics of dependable systems; understand the specialised software engineering techniques that may be used to ensure dependable system operation; have practical experience of applying some of these techniques in systems specification, design or implementation.

Class Hour: To be arranged.

Teaching: Lectures, seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 100%

CS5033 Software Architecture

Credits: 20 Semester 2

Prerequisites: CS5031

Programme(s): **Optional** module for Advanced Computer Science, Artificial Intelligence, Networks & Distributed Systems and Software Engineering Taught Postgraduate Programmes.

Description: The aim of this module is to introduce students to the concept of software architecture, as an aid to software design, reuse and evolution. When students have completed this course, they will: have knowledge of the key elements of software architectures; recognize architectural styles of existing software systems; describe the software architecture of a non-trivial system accurately; be able to construct systems that satisfy an architectural description; understand how software architecture aids design, reuse and evolution of software.

Class Hour: To be arranged.

Teaching: Lectures, seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 100%

CS5039 Software Engineering (Special Subject)

Credits: 20 Semester 2

Prerequisites: Grade 13.5 in CS5031 and the consent of the Head of School

Anti-requisites: C5019 and CS5029

Programme(s): **Optional** module for Software Engineering Taught Postgraduate Programme.

Description: This module is a guided reading module on any aspect of Software Engineering not covered by other available modules. It is intended only for M.Sc. students in Software Engineering, for whom it is particularly appropriate to deliver an individually designed programme of study in a specialist area of Software Engineering not covered by other modules.

Class Hour: To be arranged.

Teaching: Tutorials and practical classes.

Assessment: Continuous Assessment = 100%

Computer Science – 5000 Level Modules 2010/11 – August 2010

CS5900 Research and Professional Skills in Computer Science

Credits:	20	Semester	2
Availability:	Not Available 2010-11		
Prerequisites:	CS5011, CS5021 and CS5031		
Programme(s):	Optional module for Advanced Computer Science, Artificial Intelligence, Networks and Distributed Systems, and Software Engineering Taught Postgraduate Programmes.		
Description:	Readings in research topics in Artificial Intelligence, Software Engineering and Networks and Distributed Computing. A team debate based on these readings. Seminars by staff and outside speakers on these topics. Presentations by students and essays based on these topics. Lectures, seminars and practical on generic research skills: framing research hypotheses, designing and conducting experiments, gathering evaluating and presenting data, using data to test hypotheses, poster preparation, project planning, paper publishing, networking, teamwork and career management. Lectures and student presentations on social and professional aspects of computing, e.g. history, social context, methods and analysis tools, ethics, risk analysis, privacy and civil liberties, computer crime, economics of computing and philosophical frameworks.		
Class Hour:	To be arranged.		
Teaching:	Lectures, seminars, tutorials and practical classes.		
Assessment:	Continuous Assessment = 100%		

CS5999 Dissertation in Computer Science

Credits:	60	Semester	Summer
Prerequisites:	Admission to dissertation phase of M.Sc.		
Programme(s):	Compulsory module for Advanced Computer Science, Artificial Intelligence, Networks and Distributed Systems, and Software Engineering Taught M.Sc. Postgraduate Programmes.		
Description:	This module is an individually supervised dissertation, not exceeding 15,000 words, on a topic in computer science. Typically it comprises a literature review, extension of old or development of new ideas, their implementation and testing, summarised in a report, with the implementation based on sound theory and software engineering principles. Students will be required to give an assessed presentation of their work.		
Teaching:	Weekly or fortnightly meetings with supervisor.		
Assessment:	Continuous Assessment = 100%		

IS5101 Academic Project Planning

Credits:	5	Semester:	Whole Year
Programme(s):	Compulsory module for M.Sc. in Advanced Computer Science, Artificial Intelligence, Management & Information Technology, Networks & Distributed Systems Programme.		
Description:	This module is designed to provide a streamlined progress path towards producing a personal academic project prior to carry out a major project and dissertation as part of a taught Masters programme. Students will be given the opportunity to submit and refine their plans in response to a series of lectures and workshops delivered over two semesters. Generic skills will be covered in this module. Theseh include research techniques, awareness of professional and ethical issues, document preparation, technical writing, evaluation and presentation as well as project management.		
Class Hour:	To be arranged		
Teaching:	Combination of lectures, seminars and practical classes.		
Assessment:	Continuous Assessment = 100%		

Computer Science – 5000 Level Modules 2010/11 – August 2010

IS5102 Database Management Systems

Credits: 20 Semester: 1

Programme(s): **Compulsory** module for M.Sc. in Management & Information Technology Programme.
Optional module for M.Sc. in Advanced Computer Science, Artificial Intelligence, Networks & Distributed Systems Programmes.

Description: It is important for managers to understand what a database is, when to use a database, and what differentiates a database from a spreadsheet. This module covers: different types of database management systems including Microsoft Access and MySQL; the most appropriate database management system to choose depending upon the requirements of a project; database design including including E-R modelling. Database theory will also be covered including: Relational schemas, relational algebra, normalization, and Structured Query Language.

Class Hour: To be arranged

Teaching: One two-hour lecture and a one-hour seminar.

Assessment: Continuous Assessment = 100%

IS5103 Web Technologies

Credits: 20 Semester: 2

Programme(s): **Compulsory** module for M.Sc. in Management & Information Technology Programme.
Optional module for M.Sc. in Advanced Computer Science, Artificial Intelligence, Networks & Distributed Systems Programmes.

Description: A web application is a collection of web pages that interact with the user, with each other, and with various resources on a web server, including databases. It is important for managers to understand the different technologies that are used to develop web applications, not only to understand but to be able to discuss with web designers the needs of an organization when it comes to web sites. This module covers: Web accessibility, Cascading style sheets, and Web server technologies.

Class Hour: To be arranged

Teaching: One two-hour lecture and a one-hour seminar.

Assessment: Continuous Assessment = 60%, Two Hour Examination = 40%

IS5104 Information Security Management

Credits: 20 Semester: 2

Programme(s): Optional module for M.Sc. in Advanced Computer Science, Artificial Intelligence, Management & Information Technology, Networks & Distributed Systems Programmes.

Description: This module reviews key theoretical and practical aspects of Information Security Management. The module content covers higher level technical and theoretical issues as well as management issues such as organizational, planning, certification, auditing and governance. From the student's perspective the module introduces students to a topical field of business and IT concern via varied learning styles and in depth consideration of current issues, standards and scenarios. The module uses both block learning and individual self-learning.

Class Hour: To be arranged

Teaching: One two-hour lecture and a one-hour seminar.

Assessment: Continuous Assessment = 60%, Two Hour Examination = 40%

IS5105 IT Software Engineering Principles

Credits: 20 Semester: 1

Anti-requisite: CS5031

Programme(s): Optional module for M.Sc. in Advanced Computer Science, Artificial Intelligence, Management & Information Technology, Networks & Distributed Systems Programmes.

Description: This module reviews and summarises the key concepts in large scale software development. Personnel and skills management in explored along with the human centric processes involved in appropriating system requirements, functionality and high level descriptions necessary to guide the development of and finally assess a working system. From the student's perspective, the module does not require prior programming knowledge as the skills set developed covers process, organisational and management issues. The module uses various learning styles and strategies, including self directed learning and presentational skills.

Class Hour: To be arranged

Teaching: One two-hour lecture and a one-hour seminar.

Assessment: Continuous Assessment = 100%

IS5106 Digital Media

Credits: 20 Semester: 2

Programme(s): Optional module for M.Sc. in Information Technology, Management & IT and Advanced Computer Science Programmes.

Description: Effective communication of information increasingly relies on digital media technology as a means of production and or delivery. This practically orientated module considers a variety of solutions for printed materials and interactive or online presentations. Using industry standard software it looks at digital typography, image generation and manipulation, animation and illustration techniques and their application to create appropriate and effective communication media.

Class Hour: To be arranged

Teaching: Three lectures, a tutorial and a practical.

Assessment: Continuous Assessment = 100%

IS5107 Information Technology Fundamentals

Credits: 20 Semester: 1

Programme(s): Compulsory module for M.Sc. in Information Technology Programme.

Description: This module is an intensive practically oriented introduction to information technology, covering The Internet, Word Processing, Spreadsheets, Presentation Software, Networks & Systems, Peripherals and Computers in Society.

Class Hour: To be arranged

Teaching: Three lectures, a tutorial and a practical.

Assessment: Continuous Assessment = 100%

IS5109 Information Technology Project Planning

Credits: 20 Semester: Whole Year

Programme(s): Compulsory module for M.Sc. in Information Technology Programme.

Description: This module is designed to provide a streamlined progress path towards producing a personal academic project plan prior to carrying out a major project and dissertation as part of a taught Master's programme. Students will be given the opportunity to submit and refine their plans in response to a series of lectures and workshops. Project management concepts and techniques will be introduced and reinforced by practical exercises using the capabilities of common software applications for planning. In addition generic skills will be covered which include research techniques, awareness of professional and ethical issues, document preparation, technical writing, evaluation and presentation.

Class Hour: To be arranged

Teaching: Two lectures and a seminar.

Assessment: Continuous Assessment = 100%

Computer Science – 5000 Level Modules 2010/11 – August 2010

IS5198 Dissertation in Information Technology

Credits: 60 Semester: Summer

Prerequisite: Admission to dissertation phase of the M.Sc.

Programme(s): Compulsory module for M.Sc. Information Technology Programme.

Description: This module provides students with the opportunity to undertake an in-depth investigation into issues within the field of Information Technology. They are required to prepare a dissertation of not more than 15,000 words on an approved topic which shows appropriate competences in the field. Typically it comprises a related work review, extension of old or development of new ideas, their implementation and testing, summarised in a report, with the implementation based on sound theory and software engineering principles. The project may be a team project but the dissertation will be an individual one.

Class Hour: To be arranged

Teaching: Personal Supervision

Assessment: Dissertation = 100%

IS5199 Dissertation in Management & IT

Credits: 60 Semester: Summer

Prerequisite: Admission to dissertation phase of the M.Sc.

Anti-requisite: MN5599

Programme(s): Component of M.Sc. in Management & Information Technology Programme, compulsory except where replaced by MN5599.

Description: This module provides students with the opportunity to undertake an in-depth investigation into issues within the fields of Management and Information Technologies. They are required to prepare a dissertation of not more than 15,000 words on an approved topic which shows appropriate competences in both fields, especially in IT. At least 25% of the work will involve IT and 25% will involve Management focus. Typically it comprises a related work review, extension of old or development of new ideas, their implementation and testing, summarised in a report, with the implementation based on sound theory and software engineering principles. The project may be a team project but the dissertation will be an individual one.

Class Hour: To be arranged

Teaching: Personal Supervision

Assessment: Dissertation = 100%

MN5461 Strategic Management in the Information Age (was BS5501)

Credits: 20 Semester 2

Programme(s): Compulsory module for the M.Sc. in Management & Information Technology Programme.

Description: Over the last three decades one of the most significant global trends has been the rapid technical development of information technology and the parallel intensification in the commercial and administrative use of this technology by organisations. In this context this module will develop students' knowledge and understanding of the strategy process and develop an appreciation of organisational responses to the rapidly changing global economy. In addition to this, the module will develop a critical understanding of the challenges of operating in the information age and will also develop awareness of the range of approaches to organisational strategy; its purpose and the process of aligning corporate strategy with operational strategies in the knowledge economy. The module will challenge students to evaluate organisational processes, including marketing and promotion, logistics and supply chain management, in a rigorous manner and develop an understanding as to how organisational resources can be harnessed to respond to the organisational challenges of operating in an age of rapidly and easily accessible information.

Class Hour: To be arranged.

Teaching: One two-hour lecture and a one hour seminar.

Assessment: Continuous Assessment = 50%, Two Hour Examination = 50%

Computer Science – 5000 Level Modules 2010/11 – August 2010

MN5470 Managing Human Resources (was BS5015)

Credits: 20 Semester: 1

Anti-requisite: BS5015

Programme(s): **Compulsory** module for Management & Information Technology Taught Postgraduate Programme

Description: This module reviews the key theoretical and practical aspects involved in managing human resources. The module content covers both the strategic and operational requirements necessary to secure, develop, reward and retain employees and to ensure their maximum contribution to organisational performance requirements. Individual, organisational and contextual factors that influence the management of people are also considered and throughout there is an emphasis on the critical, analytical and evaluative study of the subject.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

MN5553 E-Business (was BS5120)

Credits: 20 Semester: Either

Anti-requisite: BS5120

Programme(s): Optional module for the M.Sc. in Management & Information Technology Programme.

Description: This module examines different models and perspectives for e-business related strategies and actions in order to develop effective deployment strategies for the 'new' technologies. Whilst attention is often exclusively focused on the main issues surrounding buying and selling over the Internet this module also acknowledges the fact that there are many issues for strategy and action across the whole supply chain. As such, online buying and selling practice as well as the activities of servicing customers (pre and post-sale), collaborating with partners and transacting inside the organisation are evaluated. Finally, as all of these activities are conducted via applications that are enabled by an infrastructure the module also provides an overview of some key infrastructure elements.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

MN5556 Consumption, Markets and Culture (was BS5130)

Credits: 20 Semester: Either

Anti-requisite: BS5130

Programme(s): Optional module for the M.Sc. in Management & Information Technology Programme.

Description: The module charts the historical development of consumer societies and explores the benefits, problems and challenges which these present for policy makers and for consumers. The module aims to be theoretically challenging in stimulating discussion about topics such as the changing perceptions of space and time; power; exchange needs and values; semiotics and consumer identity from different theoretical perspectives.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

Computer Science – 5000 Level Modules 2010/11 – August 2010

MN5599 Dissertation in Management & IT (was BS5599)

Credits: 60 Semester: Summer

Anti-requisite: IS5199

Programme(s): Component of M.Sc. in Management & Information Technology Programme, compulsory except where replaced by IS5199

Description: This module provides students with the opportunity to undertake an in-depth investigation into issues within the fields of Management and Information Technologies. They are required to prepare a dissertation of not more than 15,000 words on an approved topic which shows appropriate competences in both fields. At least 25% of the work will involve IT and 25% will involve Management focus. Typically it comprises a related work review, extension of old or development of new ideas, their implementation and testing, summarised in a report, with the implementation based on sound theory and software engineering principles. Team work on dissertation is permitted (up to five students).

Class Hour: To be arranged

Teaching: Personal Supervision

Assessment: Dissertation = 100%

School of Divinity

Head of School

Professor I J Davidson

Taught Programmes

Postgraduate Diploma:	Bible and Contemporary World (either full-time, campus based or part-time by distance learning) Theology, Imagination and the Arts Theological Interpretation of Scripture (<i>not available 2010-11</i>)
M.Litt.:	Bible and Contemporary World (either full-time, campus based or part-time by distance learning) Theology, Imagination and the Arts Theological Interpretation of Scripture (<i>not available 2010-11</i>)
M.Phil.:	Divinity (this includes a selection up to 120 credits of 5000 level modules running in any given year, to which is added a 40,000 word dissertation)

Programme Requirements

Bible and Contemporary World

Postgraduate Diploma: (part-time distance learning mode)	120 credits from modules DI5901 - DI5925
M.Litt.:	120 credits as for Postgraduate Diploma plus DI5999
Postgraduate Diploma: (Local, full-time mode)	80 credits from modules DI5901 - DI5925 and 40 credits from DI5221, DI5431 or DI5441.
M.Litt.:	120 credits as for Postgraduate Diploma plus DI5999

Theology, Imagination and the Arts

Postgraduate Diploma:	40 credits from DI5431, and 80 credits from DI5441 and DI5442
M.Litt.:	120 credits as for Postgraduate Diploma plus DI5099

Theological Interpretation of Scripture (*not available 2010-11*)

Postgraduate Diploma:	80 credits from modules DI5221 and DI5429 and 40 credits from other modules in DI5001 – DI5500, FR5901, GM5901, GM5902, IT5901, LT5103, LT5104, or SP5901, save that in exceptional circumstances the Head of School may permit a student to take up to 40 credits in a 5000-level module offered by another School
M.Litt.:	120 credits as for Postgraduate Diploma plus DI5099

Students whose first degree is not in Divinity may prepare themselves for postgraduate work in Divinity by taking the:

Conversion Diploma in Divinity

120 credits from the list of 4000 level Divinity modules, selected with the permission of the Head of School. One 3000 level module may be taken in place of a 4000 level module with the permission of the Head of School. In some cases (e.g. when a biblical language is required) a semester or year of language study at the 1000-2000 levels may be substituted for one of the 4000 level modules.

Divinity – 5000 Level Modules 2010/11 – August 2010

Modules

DI5011 Church History Special Topic

Credits:	40	Semester:	Either
Programme(s):	Optional module for Theological Interpretation of Scripture Postgraduate Taught Programmes.		
Description:	The project enables a student to research a special topic of his/her choice (in consultation with staff) and to develop it at length in dissertation form. The length of the dissertation should be approximately 12,000 words, and must not in any case exceed 14,000 words (to include text, footnotes and appendices). It must be submitted by the end of the semester.		
Class Hour:	To be arranged.		
Teaching:	To be arranged.		
Assessment:	Continuous Assessment (Dissertation) = 100%		

DI5099 Dissertation for M.Litt. Programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Compulsory module for M.Litt. Postgraduate Programmes within the School
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 (excluding bibliography) words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor.
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

DI5115 New Testament Special Topic

Credits:	40	Semester:	Either
Programme(s):	Optional module for Theological Interpretation of Scripture Postgraduate Taught Programmes.		
Description:	The project enables a student to research a special topic of his/her choice (in consultation with staff) and to develop it at length in dissertation form. The length of the dissertation should be approximately 12,000 words, and must not in any case exceed 14,000 words (to include text, footnotes and appendices). It must be submitted by the end of the semester.		
Class Hour:	To be arranged.		
Teaching:	To be arranged.		
Assessment:	Continuous Assessment (Dissertation) = 100%		

DI5211 Old Testament Special Topic

Credits:	40	Semester:	Either
Programme(s):	Optional module for Theological Interpretation of Scripture Postgraduate Taught Programmes.		
Description:	The project enables a student to research a special topic of his/her choice (in consultation with staff) and to develop it at length in dissertation form. The length of the dissertation should be approximately 12,000 words, and must not in any case exceed 14,000 words (to include text, footnotes and appendices). It must be submitted by the end of the semester.		
Class Hour:	To be arranged.		
Teaching:	To be arranged.		
Assessment:	Continuous Assessment (Dissertation) = 100%		

DI5226 Hebrew I: Introduction to Hebrew Language

Credits: 20 Semester: 1
Anti-requisite: Knowledge of Hebrew equivalent to DI1004 or above
Programme(s): Optional module for Divinity Postgraduate Taught Programmes.
Description: This module aims to give students a sufficient knowledge of the grammar and vocabulary of Old Testament Hebrew to be able to read and analyse prescribed texts. Grammar and vocabulary will be restricted to the texts we shall be reading.
Class Hour: 4.00 pm
Teaching: Four lectures and one tutorial.
Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

DI5227 Hebrew 2

Credits: 20 Semester: 2
Anti-requisite: Knowledge of Hebrew equivalent to DI2002 or above
Programme(s): Optional module for Divinity Postgraduate Taught Programmes.
Description: This module aims extend students' skill in reading the Hebrew Bible and in the techniques of textual criticism and of exegesis. It consists of the reading and studying of a selection of Hebrew biblical texts representative of different literary genres such as prose writing and psalms.
Class Hour: 3.00 pm
Teaching: Three lectures and one tutorial.
Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

DI5228 New Testament Greek I

Credits: 20 Semester: 2
Anti-requisite: GK5010 or knowledge of Greek equivalent to DI1005 or above, or knowledge of Greek equivalent to GK1001-GK1006 or above
Programme(s): Optional module for Divinity Postgraduate Taught Programmes.
Description: This module equips students with the vocabulary and grammar to translate and analyse the Greek of one New Testament book. The student will be expected to engage with technical commentaries of the Greek text of one New Testament book. The first six weeks will be spent on the grammar and vocabulary. The second part of the module will be spent studying the New Testament book.
Class Hour: 4.00 pm
Teaching: Four lectures and one tutorial.
Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

DI5305 Practical Theology Special Topic

Credits: 40 Semester: Either
Programme(s): Optional module for Theological Interpretation of Scripture Postgraduate Taught Programmes.
Description: The project enables a student to research a special topic of his/her choice (in consultation with staff) and to develop it at length in dissertation form. The length of the dissertation should be approximately 12,000 words, and must not in any case exceed 14,000 words (to include text, footnotes and appendices). It must be submitted by the end of the semester.
Class Hour: To be arranged.
Teaching: To be arranged.
Assessment: Continuous Assessment (Dissertation) = 100%

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DI5415 Theology Special Topic

Credits:	40	Semester:	1
Programme(s):	Optional module for Theological Interpretation of Scripture Postgraduate Taught Programmes.		
Description:	The project enables a student to research a special topic of his/her choice (in consultation with staff) and to develop it at length in dissertation form. The length of the dissertation should be approximately 12,000 words, and must not in any case exceed 14,000 words (to include text, footnotes and appendices). It must be submitted by the end of the semester.		
Class Hour:	To be arranged.		
Teaching:	To be arranged.		
Assessment:	Continuous Assessment (Dissertation) = 100%		

DI5431 Theological Engagements with the Arts: Rationales, Methods and Texts

Credits:	40	Semester:	1
Programme(s):	Compulsory module for Theology, Imagination and the Arts Postgraduate Taught Programmes		
Description:	The arts are central to most human cultures, and are widely valued as an important and enriching part of our existence together as creatures in God's world. Today there is a burgeoning interest in the arts among theologians and biblical scholars across the denominational and theological spectrum. But this takes many different forms and proceeds in some rather divergent directions. This module will investigate some basic questions of definition and rationale pertaining to the conversation between theology and the arts. Students will examine a representative selection of different accounts of and approaches taken to the conversation within this interdisciplinary field, earthing the generalities of theory in continuous attention to particular artistic texts.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hour seminar and one lecture.		
Assessment:	Continuous Assessment = 60%, 3 Hour Examination = 40%		

DI5441 Christian Doctrine and the Arts

Credits:	40	Semester:	1
Programme(s):	Optional module for Theology, Imagination and the Arts, Theological Interpretation of Scripture Postgraduate Taught Programmes		
Description:	The module uses primarily (but not exclusively) painting to consider the devices employed by artists to convey major doctrinal themes associated with Christ (divinity, atonement, resurrection, Trinity), the means used by artists to engage the imagination and sympathies of viewers (including use of other figures in the narrative), and the extent to which the artists might be said to be engaging in theological exploration in their own right. While twentieth century art will be given a prominent place, examples will be drawn across two millennia to initiate discussion of some of the factors leading to changes in presentation (cultural as well as theological).		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hour seminar and one lecture.		
Assessment:	Continuous Assessment = 60%, 3 Hour Examination = 40%		

DI5442 Religious Experience and Aesthetic Theory

Credits:	40	Semester:	2
Programme(s):	Optional module for Theology, Imagination and the Arts, Theological Interpretation of Scripture Postgraduate Taught Programmes		
Description:	Claims to religious experience can take many forms. The possibility of its mediation through various artistic media is the subject of this module. Are certain forms of architecture more conducive than others (e.g. Gothic rather than modernist)? Do certain types of music (e.g. Gregorian chant) encourage and others (e.g. pop) inhibit such experience? The module takes four main areas: architecture, painting, music and action (including drama and ballet), and explores the theoretical justifications given for using the media in question to bring (usually) one aspect of divinity to prominence rather than another.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hour seminar and one lecture.		
Assessment:	Continuous Assessment = 60%, 3 Hour Examination = 40%		

DI5907 The Book of Revelation

Credits: 40 Semester: 2

Availability: not available 2010-11

Anti-requisites: DI4626 or DI4627

Programme(s): **Optional** module for Bible and Contemporary World Postgraduate Taught Programmes.

Description: The module will examine the Book of Revelation (The Revelation of St John) in its biblical, historical and contemporary contexts. The core of the module will involve exegetical study of the book itself, with due attention paid to the genre of “apocalypse” and to the historical context from which the book came. Around this core we will examine the various interpretations of Revelation that are to be found through history, up to the present day, when the book has been massively popularized (and arguably heavily misunderstood) through ecclesiastical movements and through fictional works such as the *Left Behind* series.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 100%

DI5908 Public Theology

Credits: 40 Semester: 1

Programme(s): **Optional** module for Bible and Contemporary World Postgraduate Taught Programmes.

Description: The module will explore the history and contemporary options for constructing a Christian theological account of, and address to, the ‘public square’. It will focus not so much on accounts of formal church-state relationships, as on accounts of whether and how Christian truth-claims might shape, criticize or inform public discourse. Biblical material on the place of Israel, and on the contrasting accounts of the role of the state in the New Testament will lead in to discussions on such concepts as Christendom, the ‘godly prince’, and secularity, before exploring recent theological options including the Barman Declaration and liberation theology.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 100%

DI5909 Weathering the Storm: Suffering and the Bible

Credits: 40 Semester: 2

Availability: not available 2010-11

Programme(s): **Optional** module for Bible and Contemporary World Postgraduate Taught Programmes.

Description: In this module, the theme of suffering takes central stage: suffering of the Israelites, suffering of the innocent Job, suffering of the suffering servant, suffering of the maccabean martyrs, Jesus’ suffering. Not only will we look at who or what causes suffering and how people deal with suffering, but also how suffering plays a role in theologies and theodicies. Moreover, the module will discuss the “side effects” of suffering and make links with issues such as archangels, demons, devils, immortality, resurrection, etc.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 100%

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DI5920 The Bible and Diversity

Credits: 40 Semester: 1

Availability: not available 2010-11

Programme(s): **Optional** module for Bible and Contemporary World Postgraduate Taught Programmes.

Description: Issues of diversity, difference and attitudes to the other are increasingly important in our post-modern, pluralistic and fragile world. This module explores what the Bible has to say about diversity in the context of cultural, ethnic and religious pluralism, the natural environment (biodiversity) and sexuality. While the Christian doctrine of the Trinity is taken as an over-arching framework and paradigm, reference is also made to the scriptures of other faith traditions, notably Islam, Judaism and Hinduism. There is a particular focus on the United Kingdom as a realized expression of diversity in unity.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 100%

DI5922 Digital Faith

Credits: 40 Semester: 2

Availability: 2010-2011

Programme(s): **Optional** module for Bible and Contemporary World Postgraduate Taught Programmes.

Description: This module aims to consider digital technologies from a practical theological perspective. By examining a range of sociological, philosophical and theological approaches to technology in general, students will lay the groundwork for then engaging with more recent attempts to articulate Christian responses to various digital technologies. Theological perspectives on surveillance and selected issues of public concern will be unpacked in order that students can wrestle with their complex relationship within digital environments.

Critical questions will be asked about the way Christians are using and being shaped by digital technologies. Case studies of mainstream and marginal Christian practice in cyberspace will be examined in some detail.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 100%

DI5999 Dissertation (Distance Learning)

Credits: 60

Prerequisite: An average grade of at least 13.5 in course work.

Programme(s): Compulsory module for M.Litt. in Bible and Contemporary World Postgraduate Programme.

Description: In this module students undertake research under individual supervision towards writing a dissertation on a topic agreed in conjunction with their supervisor.

Class Hour: At times to be arranged with the supervisor.

Teaching: Individual Supervision

Assessment: Dissertation = 100%

LT5103 Latin 1

Credits:	20	Semester:	1
Anti-requisite:	Knowledge of Latin equivalent to LT1001 or above		
Programme(s):	Optional module for Ancient History, Classical Studies, Greek & Latin, and Theological Interpretation of Scripture Postgraduate Taught Programmes.		
Description:	The aim of this module is to cover the basics of Latin grammar and syntax, together with extra reading of Latin texts in the latter part of the semester.		
Class Hour:	3.00 pm and by arrangement.		
Teaching:	Four classes.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

LT5104 Latin 2

Credits:	20	Semester:	2
Prerequisites:	LT5103 or the equivalent		
Anti-requisite:	Knowledge of Latin equivalent to LT1003 and LT1004 except with the permission of the Head of School.		
Programme(s):	Optional module for Ancient History, Classical Studies, Greek & Latin, and Theological Interpretation of Scripture Postgraduate Taught Programmes.		
Description:	This module continues the study of Latin grammar and syntax, and reading Latin prose.		
Class Hour:	3.00 pm and by arrangement.		
Teaching:	Four classes.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

FR5901 French for Postgraduate Studies 1

Credits:	20	Semester:	1 or 2
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Optional module for Taught Postgraduate Programmes outwith Modern Languages		

GM5901 German for Postgraduate Studies 1

Credits:	20	Semester:	Either
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Optional module for Taught Postgraduate Programmes outwith Modern Languages		

GM5902 German for Postgraduate Studies 2

Credits:	20	Semester:	2
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Taught Postgraduate Programmes outwith Modern Languages		

IT5901 Italian for Postgraduate Studies 1

Credits:	20	Semester:	Either
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Optional module for Taught Postgraduate Programmes outwith Modern Languages		

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SP5901 Spanish for Postgraduate Studies 1

Credits:	20	Semester:	Either
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level.		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages.		
Programme(s)	Optional module for Taught Postgraduate Programmes outwith Modern Languages		

School of Economics & Finance

Head of School

Professor R McCrorie

Taught Programmes

Postgraduate Diploma: Analytical Finance (AF)
Environmental History (see School of History)
Finance (FIN)
International Finance (IF)
International Strategy & Economics (ISE)
Money, Banking and Finance (MBF)

M.Litt.: Environmental History (see School of History)

M.Phil.: Environmental History (see School of History)

M.Sc.: Analytical Finance (AF)
Finance (FIN)
International Finance (IF)
International Strategy and Economics (ISE)
Money, Banking and Finance (MBF)

Programme Requirements

Analytical Finance (AF)

Postgraduate Diploma: 120 credits consisting of EC5701 - EC5705 and one of: EC5721 - EC5740, EC5606, EC5608, EC5610

M.Sc.: 120 credits as for the Postgraduate Diploma plus EC5799

Finance (FIN)

Postgraduate Diploma: 120 credits consisting of EC5601 – EC5604 and two of: EC5605, EC5606, EC5608, EC5609, EC5610, EC5722 or EC5723. (Students who have taken EC5701 - EC5703 may be exempted from the requirement to take EC5601 - EC5603 at the discretion of the Head of School. They cannot take EC5609.)

M.Sc.: 120 credits as for the Postgraduate Diploma plus EC5699

International Finance (IF)

Postgraduate Diploma: EC5901, EC5602, EC5502, EC5608, EC5609, plus one of EC5605, EC5606, EC5610, EC5504, EC5802, EC5803

M.Sc.: 120 credits as for the Postgraduate Diploma plus EC5997

International Strategy & Economics (ISE)

Postgraduate Diploma: EC5501, EC5502 and EC5503, plus a further 60 credits from EC5504 – EC5509, EC5518, EC5609

M.Sc.: 120 credits as for the Postgraduate Diploma plus EC5599

Money, Banking and Finance (MBF)

Postgraduate Diploma: EC5801, EC5602, EC5603, EC5608, either EC5802 or EC5803, plus one of EC5605, EC5606, EC5609, EC5610, EC5721, EC5722, EC5802, EC5803

M.Sc.: 120 credits as for the Postgraduate Diploma plus EC5899

Modules

EC5501 Thinking Strategically

Credits:	20	Semester	1
Co-requisites:	EC5502 and EC5503		
Programme(s):	Compulsory module for MSc in International Strategy & Economics		
Description:	This module develops the analytical underpinning of strategic thinking, illustrated in the context of economics, politics, business and everyday life. Key topics include: game trees, dominance, iterative dominance, backward induction, Nash equilibrium, strategy and voting, auctions, bargaining. The treatment will be supported by examples.		
Class Hour:	To be arranged.		
Teaching:	Two lectures, one seminar.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

EC5502 The International Economy

Credits:	20	Semester:	1
Co-requisites:	EC5501 and EC5503		
Programme(s):	Compulsory module for MSc in International Strategy & Economics and MSc in International Finance Programmes		
Description:	This module is an issues-based vehicle for developing analytical skills, as well as a familiarity with central issues of the international economy and their wider ramifications. Topics covered are: the global economy and the basis of trade; international organisations and agreements; international money; developing economies; foreign direct investment and multi-national enterprises.		
Class Hour:	To be arranged.		
Teaching:	Two lectures, one seminar.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

EC5503 Models and Methods in International Strategy and Economics

Credits:	20	Semester:	1
Co-requisites:	EC5501 and EC5502		
Programme(s):	Compulsory module for M.Sc in International Strategy & Economics		
Description:	This module is skills-based. It uses Microsoft Excel to develop skills in decision modeling. It deals with optimization and covers topics such as linear programming, network flow models, portfolio choice problems and forecasting.		
Class Hour:	To be arranged.		
Teaching:	Two lectures, one practical class.		
Assessment:	Continuous Assessment = 100%		

EC5504 Growth and Economic Development

Credits:	20	Semester:	2
Prerequisites:	EC5501 - EC5503		
Programme(s):	Optional module for M.Sc. in International Strategy & Economics or M.Sc. in International Finance		
Description:	This module explores the theory of economic development, including dependency theory, immiserising growth and Prebisch. Problems of export instability, trade liberalisation, the debt crisis, sovereign default, the new international order. The role of theory and institutions in the context of industry and agriculture. The relationship between poverty, income inequality, and economic development.		
Class Hour:	To be arranged.		
Teaching:	Two lectures, one seminar.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

EC5505 Global and Local Issues of the Environment

Credits: 20 Semester: 2

Prerequisites: EC5501 - EC5503

Programme(s): Optional module for M.Sc. in International Strategy & Economics and Postgraduate Diploma in Environmental History

Description: The aim of this module is to introduce basic ideas and methods of environmental economics and policy without assuming an economics background. The geological background and current state of global warming is related to international efforts to control the problem, and efforts by energy lobbies to evade controls and influence public opinion. A variety of topical issues that relate economic, environmental and public policy considerations will be discussed including international trade, tropical deforestation, transport, sustainability, the relationship between economic (material) growth, the environment and human happiness and welfare. Specific problems of developing countries and their relations to the developed world will be studied.

Class Hour: To be arranged.

Teaching: Two lectures, one seminar.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5506 Entrepreneurship and Small Business Planning

Credits: 20 Semester: 2

Prerequisites: EC5501 - EC5503

Programme(s): Optional module for M.Sc. in International Strategy & Economics

Description: This module involves the analysis of entrepreneurial activity, including performance, risk and uncertainty bearing, co-ordination, arbitrating and innovating, covering both national and international dimensions. The elements of small business planning and strategy, including their applications in global markets, covering approaches of Porter and Minzberg. Small business, including its trans-national form.

Class Hour: To be arranged.

Teaching: Two lectures, one seminar.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5507 European Economic Integration

Credits: 20 Semester: 2

Prerequisites: EC5501 - EC5503

Programme(s): Optional module for M.Sc. in International Strategy & Economics

Description: The purpose of this module is to examine a number of issues relevant to European economic integration, and to expose students to the techniques and arguments developed in connection with these issues. We will make use of both macroeconomic and microeconomic theory to look at the rationale behind a number of EU policies. Where appropriate, we will also use theory and present empirical evidence in order to evaluate the effectiveness of these policies. Topics covered will include customs union theory, the economic consequences of factor mobility, EU competition policy and the economics of EMU.

Class Hour: To be arranged.

Teaching: Two lectures, one seminar.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

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EC5509 The New Institutional Economics

Credits: 20 Semester: 2

Availability: Not available 2010-11

Prerequisites: EC5501 – EC5503

Programme(s): Optional module for M.Sc. in International Strategy & Economics

Description: This module introduces students to the field of institutional economics through a modern approach based on the study and application of models of political economy. It aims to present students with a general overview of institutional economics, through the use of models of political resource allocation in economic policymaking. The module will cover first the main ideas in voting theory, partisan models of electoral competition, citizen candidate models and models with agenda setting and legislative bargaining. Furthermore, it will discuss how political institutions, at the national and sub-national level, shape economic policy. Finally, it will explore the link between politics and growth and issues related to fairness, redistribution and social mobility.

Class Hour: To be arranged.

Teaching: Two lectures, one seminar.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5518 The Economics of Negotiations

Credits: 20 Semester: 2

Prerequisites: EC5501 – EC5503

Programme(s): Optional module for M.Sc. in International Strategy & Economics

Description: This module aims to study situations where two or more parties must negotiate in order to reach a mutually beneficial agreement. It aims to study some of the main factors that determine whether or not parties will strike an agreement, and if so, the nature of that agreement. The role played by factors such as the parties' outside options, their preferences and information on such negotiations will be explored. Understanding and insights will be developed in the context of various analytical models, including bargaining models of union wage formation and bargaining models of the family.

Class Hour: To be arranged.

Teaching: Two lectures, one tutorial.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5599 International Strategy and Economics Dissertation

Credits: 60 Semester: Whole Year

Programme(s): Compulsory module for M.Sc. in International Strategy & Economics

Description: A dissertation in the form of a substantial extended theoretical/analytical/empirical essay/project on a topic relevant and appropriate to the MSc. A selection of potential topics will be identified by members of staff and it is expected that most students will choose one of these. Limited supervision is available, notably to agree topics and outlines and to check progress, but students are expected to work largely on their own initiative.

Class Hour: At times to be arranged with supervisor.

Teaching: Supervision.

Assessment: Dissertation = 100%

EC5601 Investment Analysis

Credits: 20 Semester: 1

Co-requisites: EC5602, EC5603

Programme(s): Compulsory module for M.Sc. in Finance

Description: This module introduces the basic concepts of investment value analysis. The ultimate aim is to provide the student with a standard approach to define, measure and predict value of investments in a world of uncertainty. The standard notion of risk versus return is defined and analytical economic models of how risks and returns are determined and traded in financial markets are applied to solve any investment analysis problem. The usual valuation problems covered in this module involve corporate investments, a wide array of corporate liabilities such as shares and bonds and associated financial contracts such as options.

Class Hour: To be arranged.

Teaching: Two lectures, one seminar.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5602 Financial Modelling

Credits: 20 Semester: 1

Co-requisites: EC5601, EC5603

Programme(s): Compulsory module for M.Sc.s in Finance, in International Finance, and in Money, Banking and Finance

Description: This module introduces the student to the basic concepts of financial modelling on computers using spreadsheets. The aim is to have the student understand some standard spreadsheet programming techniques that are used repeatedly in a wide range of financial modelling problems. The student should learn how to obtain and create financial data for use in a spreadsheet and then to analyse that data via simple mathematical manipulation and statistical analysis. It is important to understand the process by which large models are conceived and then implemented in a spreadsheet model. It is equally important to understand how analysis is effectively reported in a spreadsheet.

Class Hour: To be arranged.

Teaching: One lecture, one hour lab work.

Assessment: Continuous Assessment = 100%

EC5603 Financial Markets and Institutions

Credits: 20 Semester: 1

Co-requisites: EC5601, EC5602

Programme(s): Compulsory module for M.Sc.s. in Finance and in Money, Banking & Finance

Description: This module will consist of lectures covering institutional material on financial markets and institutions in the UK and elsewhere, together with seminars at which students will make presentations on a range of the key issues currently under discussion in the financial sector.

Class Hour: To be arranged.

Teaching: Two lectures, one seminar.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

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EC5604 Corporate Finance

Credits: 20 Semester: 2

Prerequisites: EC5601 – EC5603

Co-requisites: EC5605, EC5606 *or* EC5608 *or* EC5723

Programme(s): Compulsory module for M.Sc. in Finance

Description: In this module we investigate the problem of how a collection of corporate liabilities are affected in value by corporate actions. Possible actions include corporate investment decisions, decisions regarding the firm's financial structure, changes in management rules and compensation and changes in the scope, specialisation and legal environment of the corporation's business. As in the prerequisite module, EC5601, we emphasise standard methods for solving problems under economic uncertainty. At the end of this module the student will have a good working knowledge of institutions and the theory and valuation methods used worldwide in major corporations and financial institutions.

Class Hour: To be arranged.

Teaching: Two lectures, one seminar.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5605 Monetary Policy

Credits: 20 Semester: 2

Prerequisites: EC5601 - EC5603 *or* EC5801, EC5602, EC5603

Co-requisites: EC5604 for MSc in FIN

Programme(s): **Optional** module for M.Sc.s in Finance, in International Finance and in Money, Banking and Finance (MBF)

Description: This module will cover key issues in monetary policy. Topics include: the case for price stability; time inconsistency and policy, the trade-off between inflation bias and output stabilization; inflation targeting and other monetary frameworks, and the conduct of monetary policy in leading developed and developing countries.

Class Hour: To be arranged.

Teaching: Two lectures, one tutorial.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5606 Corporate Governance and Risk

Credits: 20 Semester: 2

Prerequisites: EC5601 - EC5603 *or* EC5701-EC5703

Co-requisites: EC5604, EC5605 *or* EC5704 - EC5705

Programme(s): Optional module for M.Sc.s. in Finance, in Analytical Finance, in International Finance and in Money, Banking & Finance

Description: Three key components: (1) corporate governance; (2) risk management; and (3) financial management. Detailed content may vary year by year, but typically would include: (1) mergers, takeovers, corporate control, governance, financial architecture, risk capital; (2) risk in corporate and international settings; (3) financial planning, methods of lending and borrowing.

Class Hour: To be arranged.

Teaching: Two lectures, one tutorial.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5608 Financial Intermediation

Credits: 20 Semester: 2

Prerequisites: EC5601 - EC5603 *or* EC5701 - EC5703

Co-requisites: EC5604, EC5605 *or* EC5704 - EC5705

Programme(s): **Compulsory** module for M.Sc.s in International Finance and in Money, Banking & Finance Programmes

Optional module for M.Sc. in Finance or MSc in Analytical Finance

Description: This module will cover the main theoretical issues involved in financial intermediation, from the existence of banks through credit rationing and optimal contracts to bank runs, central banks and regulation. The module will concentrate on analytical models, but there will be some reference to current issues in existing financial systems.

Class Hour: To be arranged.

Teaching: Lectures

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5609 Financial Econometrics

Credits: 20 Semester: 2

Prerequisites: EC5601 - EC5603 *or* EC5501-EC5503 *or* EC5901, EC5602, EC5502 *or* EC5801, EC5603

Anti-requisite: EC5703

Programme(s): **Compulsory** module for M.Sc. in International Finance

Optional module for M.Sc.s in Finance, in Money, Banking & Finance and in International Strategy and Economics.

Description: This module will introduce the students to the theory and practice of financial econometrics. The module will begin by introducing students to the classical linear regression model and a number of issues regarding its application to real world data. The module will then develop a number of time-series techniques that can be applied to the study of financial economics. Topics covered include: the linear univariate stochastic model, multivariate models, unit root processes and co-integration. By the end of the module students should be able to undertake empirical analysis using financial data.

Class Hour: To be arranged.

Teaching: Two lectures, one tutorial.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5610 Mergers and Acquisitions

Credits: 20 Semester: 2

Prerequisites: EC5601 - EC5603

Co-requisites: EC5604, EC5605

Programme(s): **Optional** module for M.Sc.s in Finance in Money, Banking & Finance, in Analytical Finance and in International Finance.

Description: This module aims to introduce to students the key issues on mergers and acquisitions (M & A) literature. They will develop their ability critically to understand issues such as (a) regulatory and strategic considerations, takeover tactics, and takeover defences, (b) target firm valuation, (c) M & A activity (d) empirical tests of both the short- and the long-run performance, (e) cross-border acquisitions and their main differences with domestic ones and (f) different game theoretical approaches on M & A.

Class Hour: To be arranged.

Teaching: Two lectures, one tutorial.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

Economics & Finance – 5000 Level Modules 2010/11 – August 2010

EC5699 Finance Dissertation

Credits: 60 Semester: Whole Year
Prerequisites: EC5601 - EC5605 and EC5606 *or* EC5608 *or* EC5609 *or* EC5722 *or* EC5723
Programme(s): Compulsory module for M.Sc. in Finance

Description: A dissertation in the form of a substantial extended theoretical/analytical/empirical essay/project on a topic relevant and appropriate to the MSc. A selection of potential topics will be identified by members of staff and it is expected that most students will choose one of these. Limited supervision is available, notably to agree topics and outlines and to check progress, but students are expected to work largely on their own initiative.

Class Hour: At times to be arranged with supervisor.

Teaching: Supervision.

Assessment: Dissertation = 100%

EC5701 Neoclassical Finance

Credits: 20 Semester: 1
Co-requisites: EC5702, EC5703
Programme(s): Compulsory module for M.Sc. in Analytical Finance

Description: The module provides a practical review of the economic foundations of Finance. It will include the Arbitrage Pricing Theory (APT), the theory of Portfolio Diversification, the Capital Asset Pricing Model (CAPM), and the Efficient Markets Hypothesis. The module will also cover many practical issues such as: the evaluation of long and short-term financial tools; and risk management instruments, including derivatives and hedging.

Class Hour: To be arranged.

Teaching: Lectures and tutorials.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5702 Optimization in Finance

Credits: 20 Semester: 1
Co-requisites: EC5701, EC5703
Programme(s): Compulsory module for M.Sc. in Analytical Finance

Description: The module provides students with methods for solving optimization problems in financial economics. Starting from static constrained optimization problems, which can be encountered in one period financial market models, such as the one underlying the CAPM model, the module builds up to the development of the Hamilton-Jacobi-Bellman theory, which is used to solve optimal asset allocation problems in continuous time market models, based on the Ito-calculus.

Class Hour: To be arranged.

Teaching: Lectures and tutorials.

Assessment: Continuous Assessment = 60%, 2 Hour Examination = 40%

EC5703 Financial Times Series Analysis

Credits: 20 Semester: 1

Co-requisites: EC5701, EC5702

Anti-requisite: EC5609

Programme(s): Compulsory module for M.Sc. in Analytical Finance

Description: This module is designed to equip students with a thorough understanding of both the theory and practice of time series econometric techniques as applied to financial economics. The module starts with reviewing relevant concepts in mathematical statistic and then covers topics drawn from: autocorrelation, stationary (univariate) linear time series techniques such as ARMA models and the Box-Jenkins approach; non-linear univariate time series models of volatility such as ARCH, ARCH-M and GARCH processes; unit root processes; unit root processes; vector autoregression (VAR) techniques; cointegration techniques including the Engle-Granger and Johansen methodologies; non-linear techniques such as threshold autoregression and regime switching.

Class Hour: To be arranged.

Teaching: Lectures and tutorials.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5704 Computations in Finance

Credits: 20 Semester: 2

Prerequisites: EC5701 - EC5703

Co-requisites: EC5705

Programme(s): Compulsory module for M.Sc. in Analytical Finance

Description: Many problems in finance cannot be solved directly, in the sense of obtaining a closed form solution. Instead they have to be solved by the use of numerical algorithms implemented on a computer. This module covers such techniques, including: Monte Carlo simulation methods for pricing financial derivatives; finite difference methods to solve partial differential equations such as the Black-Scholes equation; effective methods to compute hedging strategies; and methods for the calibration of financial market models. The implementation of these methods on the computer using the MATLAB software package is a crucial component of the module.

Class Hour: To be arranged.

Teaching: Lectures, tutorials and practical classes.

Assessment: Continuous Assessment = 60%, 2 Hour Examination = 40%

EC5705 Options and Derivatives

Credits: 20 Semester: 2

Prerequisites: EC5701 - EC5703

Co-requisites: EC5704

Programme(s): Compulsory module for M.Sc. in Analytical Finance

Description: This module will cover the properties, pricing, and hedging of futures/forwards, options, swaps and other derivatives traded on financial markets, together with the workings of derivatives markets. The module mainly focuses on the Black-Scholes theory of option pricing as the underpinning of analytical and numerical methods for pricing options and derivatives; and also includes the discussion of more advanced topics, such as stochastic volatility, volatility based products and interest rate theory. While the use of a certain level of mathematical reasoning is unavoidable in derivatives pricing, care will be taken to emphasise intuition.

Class Hour: To be arranged.

Teaching: Lectures and tutorials.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

Economics & Finance – 5000 Level Modules 2010/11 – August 2010

EC5721 Microstructure of Financial Markets

Credits: 20 Semester: 2

Prerequisites: EC5701 - EC5703

Co-requisites: EC5704 - EC5705

Programme(s): Optional module for M.Sc. in Analytical Finance

Description: This module is concerned with the study of the processes and outcomes of exchanging assets under explicit trading rules. The general focus is on the information implicit in market data, and on the learning process that translates this information into market prices. Using a broad framework of markets, models, liquidity and performance, it treats the following topics: security trading and market makers, inventory based model of trades, quote and order driven markets; sequential trade; information and the price process; noisy rational expectations models; liquidity trading; bid-ask spread; spread decomposition; market stability, transparency, and liquidity; relationships between markets; speculative trade; insider trading; operation of international stock exchanges; trading mechanisms; trading costs; market bubbles and herding behaviour.

Class Hour: To be arranged.

Teaching: Lectures and tutorials.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5722 Risk Management

Credits: 20 Semester: 2

Prerequisites: EC5701 - EC5703 or EC5601-EC5603

Co-requisites: EC5704 - EC5705 or EC5604-EC5605

Programme(s): Optional module for M.Sc. in Analytical Finance or M.Sc in Finance

Description: This module provides the student with an introduction to classical techniques in risk and insurance. The implementation of sound quantitative risk models to assess and insure against risk is a vital concern for all financial institutions. The module provides a comprehensive treatment of the theoretical concepts and modeling techniques of quantitative risk management, and provides students with practical tools to solve real world problems. Specific topics covered include: portfolio management, real options, operational risk, credit risk and pension fund modeling.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 60%, 2 Hour Examination = 40%

EC5799 Dissertation in Analytical Finance

Credits: 60 Semester: Whole Year

Prerequisites: EC5701 - EC5705 and one of: EC5721 - EC5740, EC5606, EC5608

Programme(s): Compulsory module for M.Sc. in Analytical Finance

Description: A dissertation in the form of a substantial extended theoretical/analytical/empirical essay/project on a topic relevant and appropriate to the MSc. A selection of potential topics will be identified by members of staff and it is expected that most students will choose one of these. Limited supervision is available, notably to agree topics and outlines and to check progress, but students are expected to work largely on their own initiative.

Class Hour: To be arranged.

Teaching: Supervision.

Assessment: Dissertation = 100%

EC5801 Money and Banking

Credits: 20 Semester: 1

Co-requisites: EC5602, EC5603

Programme(s): Compulsory module for M.Sc. in Money, Banking & Finance

Description: This module provides an introduction to the economics of money, banking and financial markets. It aims to present students with a general overview of key monetary and financial market phenomena, the basic workings of financial and money markets and the tools and conduct of monetary policy. The module covers topics such as how financial markets work, and the impact of financial markets on the domestic and international economic system. In addition, the module focuses on: the role of money in the economy; different monetary policy tools; and the conduct and transmission mechanisms of monetary policy.

Class Hour: To be arranged.

Teaching: Lectures and tutorials.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5802 Commercial Banking

Credits: 20 Semester: 2

Prerequisites: EC5801, EC5602, EC5603

Co-requisite: EC5608

Programme(s): EC5802 or EC5803 is a Compulsory module for M.Sc. in Money, Banking & Finance or M.Sc. in International Finance

Description: This module provides a theoretical and practical grounding at the Master's level in commercial banking. It will include liquidity management vs. profit making, credit screening, securitisation, inter-bank linkages and causes of, and prevention of, banking crises. The module will also cover banking issues in a few selected countries, for example China, Pakistan, Latin America and East Asia.

Class Hour: To be arranged.

Teaching: Lectures and tutorials.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5803 Central Banking

Credits: 20 Semester: 2

Prerequisites: EC5801, EC5602, EC5603

Co-requisite: EC5608

Programme(s): EC5802 or EC5803 is a Compulsory module for M.Sc. in Money, Banking & Finance or M.Sc. in International Finance

Description: The module will provide a grounding in the theory and practice of central banking, concentrating on microeconomics (e.g. the functioning of individual financial markets), rather than macroeconomics (e.g. the conduct of monetary policy). It will develop a rationale for the existence of central banks and for their role in regulating and supervising private banking systems. The module will also consider practical issues such as the optimal composition of committees (e.g. the MPC) that form to set interest rates. This positive analysis will be complemented by looking at the institutional features of central banking in an international sense.

Class Hour: To be arranged.

Teaching: Lectures and tutorials.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

Economics & Finance – 5000 Level Modules 2010/11 – August 2010

EC5899 Dissertation in Money, Banking & Finance

Credits: 60 Semester: Whole Year

Programme(s): Compulsory module for M.Sc. in Money, Banking & Finance

Description: A dissertation in the form of a substantial extended theoretical/analytical/empirical essay/project on a topic relevant and appropriate to the M.Sc. A selection of potential topics will be identified by members of staff and it is expected that most students will choose one of these. Limited supervision is available, notably to agree topics and outlines and to check progress, but students are expected to work largely on their own initiative.

Class Hour: To be arranged.

Teaching: Supervision.

Assessment: Dissertation = 100%

EC5901 International Finance

Credits: 20 Semester: 1

Co-requisites: EC5602, EC5502

Programme(s): Compulsory module for M.Sc. in International Finance

Description: The module will cover key issues in international finance. Topics will include analyzing models of exchange rate determination, both nominal and real; and analysis of the determinants of international capital flows. The module will introduce a range of analytical models, together with a range of empirical and policy-oriented material.

Class Hour: To be arranged.

Teaching: Lectures and tutorials.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

EC5997 Dissertation in International Finance

Credits: 60 Semester: Whole Year

Programme(s): Compulsory module for M.Sc. in International Finance

Description: A dissertation in the form of a substantial extended theoretical/analytical/empirical essay/project on a topic relevant and appropriate to the M.Sc. A selection of potential topics will be identified by members of staff and it is expected that most students will choose one of these. Limited supervision is available, notably to agree topics and outlines and to check progress, but students are expected to work largely on their own initiative.

Class Hour: To be arranged.

Teaching: Supervision.

Assessment: Dissertation = 100%

ID5011 Geographic Information Systems for Environmental Management

Credits: 15 Semester: 1

Prerequisite: A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated

Anti-requisite: GE5005, ID5010, ID5012

Programme(s): Optional module for Environmental Biology MSc, Mathematics & Statistics, Economics, Management and Environmental History Taught Postgraduate Programmes.

Description: This module provides an introduction to Geographic Information systems and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final, short individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of environmental examples will be given. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth and environmental science, biology, archaeology, and mathematics.

Class Hour: To be arranged.

Teaching: Lectures, practicals and occasional tutorials.

Assessment: Continuous Assessment = 50%, Short Project = 50%

School of English

Head of School

Professor L Hutson

Degree Programmes

Postgraduate Diploma:

Creative Writing
Mediaeval English (*not available 2010-11*)
Mediaeval Studies (*see section 19*)
Romantic/Victorian Studies
Shakespeare Studies
Women, Writing and Gender

M.Litt.:

Creative Writing
Mediaeval English (*not available 2010-11*)
Mediaeval Studies (*see section 19*)
Romantic/Victorian Studies
Shakespeare Studies
Women, Writing and Gender

M.Phil.:

Mediaeval English (*not available 2010-11*)
Mediaeval Studies (*see section 19*)
Romantic/Victorian Studies
Shakespeare Studies
Women, Writing and Gender

Programme Requirements

Creative Writing

Postgraduate Diploma:

120 credits made up of EN5101 and either EN5004 and EN5005, or EN5006 and EN5007

M.Litt.:

120 credits as for the Postgraduate Diploma plus EN5099

This degree is designed to enable students to undertake a detailed study of prose or poetry from the perspectives of practical, creative literary skills as well as those of criticism and the historical development of literary forms. Students will take two modules in either poetry or prose.

Mediaeval English (*not available 2010-11*)

Postgraduate Diploma:

120 credits made up of EN5100, EN5015, EN5016, EN5017 and MS5110.

M.Litt.:

120 credits as for the Postgraduate Diploma, plus EN5099

M.Phil.:

120 credits as for the Postgraduate Diploma, plus a thesis of not more than 40,000 words

This degree is designed to equip students with the linguistic skills and the literary, cultural and historical background necessary to undertake further study in any area of Mediaeval English literature, from its earliest beginnings in the Anglo-Saxon period to the close of the Middle Ages.

English – 5000 Level Modules 2010/11 – August 2010

Romantic/Victorian Studies

Postgraduate Diploma:	120 credits made up of EN5100, EN5201, EN5202 and EN5203
M.Litt.:	120 credits as for the Postgraduate Diploma, plus EN5099
M.Phil.:	120 credits as for the Postgraduate Diploma, plus a thesis of not more than 40,000 words

This degree is designed to promote a detailed exploration of Romantic and Victorian literature and criticism and to equip students with the literary, cultural and historical background necessary to undertake further study in literature from the mid eighteenth to the late nineteenth century.

Shakespeare Studies

Postgraduate Diploma:	120 credits made up of EN5100, EN5031, EN5032 and EN5033
M.Litt.:	120 credits as for the Postgraduate Diploma, plus EN5099
M.Phil.:	120 credits as for the Postgraduate Diploma, plus a thesis of not more than 40,000 words

This degree is designed to develop critical skills through the investigation of Shakespeare's works in different cultural contexts.

Women, Writing and Gender

Postgraduate Diploma:	120 credits made up of EN5100, EN5112, EN5115 and EN5116
M.Litt.:	120 credits as for the Postgraduate Diploma, plus EN5099
M.Phil.:	120 credits as for the Postgraduate Diploma, plus a thesis of not more than 40,000 words

This degree will introduce students to key issues in the discussion of gender, through the detailed exploration of theoretical, critical and creative writing from the Renaissance to the contemporary period.

Modules

EN5099 Dissertation for M.Litt. Programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work
Programme(s):	Compulsory module for M.Litt. Postgraduate Programmes within the School
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

Creative Writing Programme

EN5101 Research Skills for Creative Writing

Credits:	20	Semester:	1
Programme(s):	Compulsory module for Creative Writing Postgraduate Taught Programme		
Description:	Students will be introduced to skills dedicated to the effective gathering of information through IT resources, library materials, as well as such primary skills as proofreading, copy-editing and basic literary theory. They will also learn about the literary marketplace, and the roles of editors, publishers, agents and festival organizers.		
Class Hour:	To be arranged		
Teaching:	Normally 2 seminars per week		
Assessment:	Continuous Assessment = 100%		

EN5004 Writing Poetry I

Credits:	40	Semester:	1
Programme(s):	Optional module for Creative Writing Postgraduate Taught Programme		
Description:	The module considers a range of essential topics in poetry and its composition, including the creative process, sound and sentence, the poetic line, imagery, metaphor, metre and meaning.		
Class Hour:	To be arranged		
Teaching:	One seminar and one practical class; tutorials by appointment		
Assessment:	Continuous Assessment = 100%		

EN5005 Writing Poetry II

Credits:	60	Semester:	2
Programme(s):	Optional module for Creative Writing Postgraduate Taught Programme		
Description:	Students will extend their knowledge of poetry and its creation into more technical aspects of writing than were covered in depth in EN5004 Writing Poetry I; the module will include detailed critical analyses of poems, as well as ideas of poetic traditions, rhetorical figure, trope, structure and form.		
Class Hour:	To be arranged		
Teaching:	One seminar and one practical class; tutorials by appointment		
Assessment:	Continuous Assessment = 100%		

EN5006 Writing Fiction I

Credits:	40	Semester:	1
Programme(s):	Optional module for Creative Writing Postgraduate Taught Programme		
Description:	The module offers a critical and practical study of the writing of literary prose, including short and long fiction, as well as the literary essay, life writing and other non-fiction forms. Emphasis is given to the development of a literary prose tradition through the nineteenth and early twentieth centuries, looking at a variety of approaches, from the novel to New Journalism to the literary essays of such figures as Gore Vidal and Joan Didion.		
Class Hour:	To be arranged		
Teaching:	One seminar and one practical class; tutorials by appointment		
Assessment:	Continuous Assessment = 100%		

EN5007 Writing Fiction II

Credits:	60	Semester:	2
Programme(s):	Optional module for Creative Writing Postgraduate Taught Programme		
Description:	Students will extend their study of prose writing and its techniques through discussion and critical and practical analysis. Emphasis will be given to exploring the wider possibilities of prose writing, with reference to the work of those contemporary or recent writers whose work defies easy categorization, such as W.G. Sebald and John Haskell.		
Class Hour:	To be arranged		
Teaching:	One seminar and one practical class; tutorials by appointment		
Assessment:	Continuous Assessment = 100%		

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Mediaeval Studies Programme

(see section 19)

Romantic/Victorian Studies Programme

EN5100 Literary Research: Skills and Resources

Credits: 20 Semester: 1

Programme(s): Compulsory module for Romantic/Victorian Studies Postgraduate Taught Programme

Description: This module is compulsory for all School of English M.Litts, except Creative Writing. It aims to initiate students in the understanding and use of the essential skills and resources of research in English Studies. It provides preparation for the M.Litt. dissertation. Elements of this course include Use of Library Resources (Printed, Electronic and Remote); History of Book Production and the Institutions of Publishing; the Book as Artefact; Writing and Giving Academic Papers; Writing a Thesis Successfully, and Getting your Work Published. This general module leads on to the more specialist core modules of each individual M.Litt.

Class Hour: To be arranged

Teaching: Normally 1 seminar per week

Assessment: Continuous Assessment = 100%

EN5201 Romantic Studies

Credits: 30 Semester: 1

Programme(s): Compulsory module for Romantic/Victorian Studies Postgraduate Taught Programme

Description: This module explores Romanticism through study of literary culture from the 1760s to the 1820s. Students examine the various conceptions and dimensions of Romanticism, and Romantic criticism and theory, up to the present. In particular, this module looks at revolutionary debates about the child and children's literature; Romantic Gothic and the 'prison-house' of society; Romantic vision and prophecy.

Class Hour: To be arranged

Teaching: One-and-a-half hour seminar

Assessment: Continuous Assessment = 100%

EN5202 Victorian Studies

Credits: 30 Semester: 2

Programme(s): Compulsory module for Romantic/Victorian Studies Postgraduate Taught Programme

Description: This module explores Victorian literature, culture, ideology and aesthetic theory from the 1830s to 1900. Students examine the various conceptions and dimensions of British literature and culture, and Victorian criticism and theory, up to the present. In particular, this module looks at the way in which Victorian literature engages with debates about gender, in terms of conceptions of masculinity and femininity; considers the critical pleasures of satire, nonsense and parody; and explores aestheticism; colonial power; Victorian Gothic; and romantic love.

Class Hour: To be arranged

Teaching: One-and-a-half hour seminar

Assessment: Continuous Assessment = 100%

EN5203 Northern Romantics, Northern Victorians

Credits: 40 Semester: Whole Year

Programme(s): Compulsory module for Romantic/Victorian Studies Postgraduate Taught Programme

Description: This module will focus on the privileging of northern British 'sublime' landscapes and their associated cultures. In terms of literary history it will take a panoramic view of the Romantic and post-Romantic imagination from the mid-eighteenth century to the late Victorian period. At its heart will lie texts about Scotland or by Scottish writers, e.g. accounts of their Scottish tours by Dorothy and William Wordsworth, as well as poetry and prose by, for example, James Macpherson, Robert Burns, Sir Walter Scott, James Hogg, John Galt, Arthur Hugh Clough and Robert Louis Stevenson. A study of aspects of northern literary print culture (e.g. influential journals) will be included.

Class Hour: To be arranged

Teaching: One-and-a-half hour seminar

Assessment: Continuous Assessment = 100%

Shakespeare Studies Programme

EN5100 Literary Research: Skills and Resources

Credits: 20 Semester: 1

Programme(s): Compulsory module for Shakespeare Studies Postgraduate Taught Programme

Description: This module is compulsory for all School of English M.Litts, except Creative Writing. It aims to initiate students in the understanding and use of the essential skills and resources of research in English Studies. It provides preparation for the M.Litt. dissertation. Elements of this course include Use of Library Resources (Printed, Electronic and Remote); History of Book Production and the Institutions of Publishing; the Book as Artefact; Writing and Giving Academic Papers; Writing a Thesis Successfully, and Getting your Work Published. This general module leads on to the more specialist core modules of each individual M.Litt.

Class Hour: To be arranged

Teaching: Normally 1 seminar per week

Assessment: Continuous Assessment = 100%

EN5031 Shakespeare and the English Renaissance

Credits: 40 Semester: Whole Year

Programme(s): Compulsory module for Shakespeare Studies Postgraduate Taught Programme

Description: The module examines a variety of Shakespeare's texts in the following contexts: Shakespeare's classical inheritance; history and theory of editing; the history play; the tragedy of state; Renaissance attitudes to women; pastoral and romance; and the forms of popular culture.

Class Hour: To be arranged

Teaching: One tutorial per fortnight

Assessment: Continuous Assessment = 100%

EN5032 The Reception of Shakespeare 1660-1900

Credits: 30 Semester: Either

Programme(s): Compulsory module for Shakespeare Studies Postgraduate Taught Programme

Description: The module investigates over two centuries of adaptations and criticism of Shakespeare's plays. Among the adaptations are those by Dryden, Davenant, Otway and Garrick. Critical writing studies will include works by Dryden, Johnson and Morgann, in conjunction with material on stage conditions. Romantic critical writing will include texts by Coleridge, Lamb and Hazlitt, and the Victorian reception of Shakespeare will also be studied.

Class Hour: To be arranged

Teaching: One tutorial per week

Assessment: Continuous Assessment = 100%

EN5033 Modern Shakespeares

Credits: 30 Semester: Either

Programme(s): Compulsory module for Shakespeare Studies Postgraduate Taught Programme

Description: Among the work studied on this module will be adaptations by Brecht and Bond, and work by Marowitz and Wesker. Generic adaptations of Shakespeare on film will be studied, using the Library's DVD collection as a basis for seminar work. Recent critical theories as applied to Shakespeare will also be studied.

Class Hour: To be arranged

Teaching: One tutorial per week

Assessment: Continuous Assessment = 100%

English – 5000 Level Modules 2010/11 – August 2010

Women, Writing and Gender Programme

EN5100 Literary Research: Skills and Resources

Credits: 20 Semester: 1

Programme(s): Compulsory module for Women, Writing and Gender Postgraduate Taught Programme

Description: This module is compulsory for all School of English M.Litts, except Creative Writing. It aims to initiate students in the understanding and use of the essential skills and resources of research in English Studies. It provides preparation for the M.Litt. dissertation. Elements of this course include Use of Library Resources (Printed, Electronic and Remote); History of Book Production and the Institutions of Publishing; the Book as Artefact; Writing and Giving Academic Papers; Writing a Thesis Successfully, and Getting your Work Published. This general module leads on to the more specialist core modules of each individual M.Litt.

Class Hour: To be arranged

Teaching: Normally 1 seminar per week

Assessment: Continuous Assessment = 100%

EN5112 Theories and Contexts

Credits: 40 Semester: Whole Year

Programme(s): Compulsory module for Women, Writing and Gender Postgraduate Taught Programme

Description: The module provides an introduction to key debates in contemporary feminist and gender theory, alongside an overview of the historical and cultural context within which these theories have developed. By drawing on the teaching resources available within the school, the module will be able to cover a considerable range of writers and their ideas, and students might expect to encounter the work of writers as diverse as Mary Wollstonecraft and Judith Butler. However, the emphasis will be upon the course as a point of departure, and the seminars will be accompanied by an extensive reading list through which the students will be encouraged to explore those areas of enquiry that most interest them.

Class Hour: To be arranged

Teaching: One seminar per fortnight

Assessment: Continuous Assessment = 100%

EN5115 Women, Writing and Gender 1: Renaissance to Romanticism

Credits: 30 Semester: 1

Programme(s): Compulsory module for Women, Writing and Gender Postgraduate Taught Programme

Description: The module seeks to introduce students to a range of debates concerning women, writing and gender, 1500 – 1800. The set texts embrace a variety of generic forms, and reflect upon such questions as the ‘problem’ of woman’s voice, the interpretation of Genesis and the staging of the female body. Also central to many of the works is a concern with the role of woman in marriage and civic society, the importance of education, and the tension between domestic ideology and female desire. Central to these works is a concern with constructions of femininity and masculinity and in conjunction with EN5112, the module will also examine current critical debates surrounding the cultural configuration of gender.

Class Hour: To be arranged

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

EN5116 Women, Writing and Gender 2: Victorian to Contemporary

Credits: 30 Semester: 2

Prerequisite: EN5115

Programme(s): Compulsory module for Women, Writing and Gender Postgraduate Taught Programme

Description: This module continues the chronological survey of debates surrounding women, writing and gender begun by EN5115. The module examines continuity and change in constructions of gender across the period 1800 – 2000, beginning with the ongoing significance of the fallen woman and the problem of female desire. Students will be introduced to key critical readings of nineteenth-century women’s writing before moving on to consider the emergence of the ‘new woman’ at the fin de siècle. In the twentieth century the module will consider the impact of the First World War on women’s writing, and the work of modernist writers will be examined alongside ‘middlebrow’ and popular fictions. Finally students will examine a range of contemporary writers whose rewriting of history and myth engages with current debates in gender theory.

Class Hour: To be arranged

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

English Language Teaching

Degree Programmes

Postgraduate Diploma: English Language Teaching
TESOL with Distance Learning
TESOL with Trinity Diploma by Distance Learning

M.Litt.: English Language Teaching
TESOL with Distance Learning
TESOL with Trinity Diploma by Distance Learning

Programme Requirements

English Language Teaching

Postgraduate Diploma:

(Full-time local mode): 100 credits from ET5100 - ET5109, and 20 credits from ET5124 and ET5125

(Collaborative mode): 60 credits from ET5977, ET5979, ET5989, ET5993 (taught in Beijing Foreign Studies University (BFSU), 40 credits from ET5100 - ET5109, and 20 credits from ET5123- ET5126

M.Litt.: 120 credits as for the Postgraduate Diploma plus ET5199

TESOL with Distance Learning

Postgraduate Diploma: 60 credits from ET5301-ET5309, 20 credits from ET5101-ET5109 and 40 credits from ET5123-ET5150

M.Litt.: 120 credits as for the Postgraduate Diploma plus ET5199

TESOL with Trinity Diploma by Distance Learning

Postgraduate Diploma: ET5301, ET5302, ET5303, ET5101, ET5123, ET5126, ET5125, ET5124 + 4 hours Assessed teaching practice (ET5901)

M.Litt.: 120 credits as for the Postgraduate Diploma plus ET5199, with a minimum word count of 10,000.

English Language Teaching

The aim of this one-year full-time postgraduate programme is to provide a solid foundation in, and critical understanding of, the theory and practice of English Language Teaching.

Graduates from the programme will have gained an in-depth understanding of the theory of second language acquisition, as well as current thinking on teaching methodology within the areas of English for General Purposes, English for Academic Purposes and Teaching Young Learners, and will have had an opportunity to observe different language classes and reflect on their own teaching/learning contexts.

There are two parallel programmes: one taught fully in St Andrews and one organised jointly by the University of St Andrews and the Beijing Foreign Studies University. The foundations of Applied Linguistics are laid in the first semester either in St Andrews or in BFSU, and are developed and applied to practice during the second semester at the University of St Andrews.

Successful completion of the first two semesters on either programme allows students to proceed to the dissertation stage and undertake a piece of classroom research.

English Language Teaching – 5000 Level Modules 2010/11 – August 2010

TESOL (Teaching English to Speakers of Other Languages) with Distance Learning

This 18-month programme is aimed at experienced EFL/ESL teachers who already have the Trinity College London Diploma TESOL, the Cambridge DELTA or an English Language Teaching qualification from their own country. It is taught through a 12-month distance learning semester and a taught six-month semester at St Andrews, and aims to broaden and deepen experienced teachers' knowledge and critical understanding of current theories and research in language acquisition, language teaching and language learning. In the second semester, there is a specific focus on, and critical evaluation of, the role of both Testing and Evaluation and Teacher Education, as well as on the different practical implications of teaching English for Academic Purposes and Young Learners.

TESOL (Teaching English to Speakers of Other Languages) with Trinity Diploma by Distance Learning

This 18-month programme is aimed at initially-qualified teachers with two years' post-certificate teaching experience who wish to obtain qualified teacher status by graduating with an internationally recognized teaching diploma as well as the MLitt in ELT. The above distance-learning programme has been slightly modified to embed the Trinity College London Dip TESOL into the MLitt modules. In addition to the St Andrews' modules students are required to undertake four hours' assessed teaching practice to meet the Trinity Diploma requirements.

Successful completion of the first two semesters in both DL programmes allows students to proceed to the dissertation stage and undertake a piece of classroom research.

Modules

ET5101 Teaching and Language

Credits:	20	Semester:	2
Prerequisites:	60 credits from ET5977, ET5979, ET5989, ET5993 or 60 credits from ET5301 - ET5309		
Programme(s):	Compulsory module for English Language Teaching		
Description:	This module focuses on how languages are learned and how learners learn. Theories of language learning will be analysed and acquisition order, individual learning styles, error analysis, pragmatics, the context of learning and aspects of classroom research will be explored. Students will undertake a small second language analysis project.		
Class Hour:	To be arranged.		
Teaching:	Two hour lecture and one hour seminar each week for 11 weeks.		
Assessment:	Continuous Assessment (Error Correction Project = 60%, 2,500 Word Take-away Paper = 40%) = 100%		

ET5103 Linguistics for Language Teachers

Credits:	20	Semester:	1
Anti-requisites:	ET5301, LI5001, ET5977		
Programme(s):	Compulsory module for English Language Teaching		
Description:	This module explores and analyses the structure and sound system of the English Language and leads to the development of an in-depth understanding of the language systems and the language-related issues which are commonly taught on beginner to advanced level syllabuses in the English Language teaching classroom, as well as exploring the theoretical issues of the written and spoken language and their relevance to the practical implementation of English phonology.		
Class Hour:	To be arranged.		
Teaching:	Two hour lecture and one hour seminar each week for 11 weeks.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

ET5104 Research Methods

Credits: 20 Semester: 1
Anti-requisites: ET5303, ET5993
Programme(s): Compulsory module for English Language Teaching
Description: This module develops students' critical and reflective skills enabling them to critically analyse and evaluate research articles, to construct arguments from their reading to write a literature review and provides an introduction to quantitative and qualitative research methods.
Class Hour: To be arranged.
Teaching: Two hour lecture and one hour seminar each week for 11 weeks.
Assessment: Continuous Assessment = 100%

ET5123 Teacher Education

Credits: 10 Semester: 2
Prerequisites: 60 credits from ET5301 - ET5309
Programme(s): Optional module for TESOL with Distance Learning and TESOL with Trinity Diploma by Distance Learning
Description: This module critically evaluates the different approaches to, and methods and assessment of teacher education. It explores and evaluates the different approaches to teacher training, setting up observations and delivering feedback and looks at ways of improving trainee teachers' metalanguage.
Class Hour: To be arranged.
Teaching: One 2 hour lecture and one 1 hour seminar each week for 5 weeks.
Assessment: Continuous Assessment = 100%

ET5124 English for Academic Purposes

Credits: 10 Semester: 2
Prerequisites: 60 credits from ET5977, ET5979, ET5989, ET5993
Programme(s): Compulsory module for English Language Teaching
Description: This module examines the difference between English for General Purposes, English for General Academic Purposes and English for Specific Academic Purposes and takes as its starting point the different contexts in which English is used as a medium of study and how courses in EAP can support that study. Materials and methods which aim to develop the language skills of students are evaluated. Throughout the module, the specific needs of overseas students intending to study in an English-medium university at postgraduate level will be explored. This will include language proficiency tests such as IELTS, required for university entrance, and the study skills necessary to succeed in a UK or American university.
Class Hour: To be arranged.
Teaching: One two hour lecture and one seminar each week for 5 weeks
Assessment: Continuous Assessment = 100%

ET5125 Teaching Young Learners

Credits: 10 Semester: 2
Prerequisites: 60 credits from ET5977, ET5979, ET5989, ET5993
Programme(s): Compulsory module for English Language Teaching
Description: This module will examine the difference in approach between teaching adults and teaching children, as well as the differences between teaching young learners below the age of 12 and teenagers, taking into consideration their social and cognitive development. The importance of story-, content-, and task-based learning will be considered, as will factors such as age, creativity, motivation and discipline. A selection of YL teaching and testing materials will be critically analysed.
Class Hour: To be arranged.
Teaching: One two hour lecture and one seminar each week for 6 weeks
Assessment: Continuous Assessment = 100%

English Language Teaching – 5000 Level Modules 2010/11 – August 2010

ET5126 Testing and Evaluation

Credits:	10	Semester:	2
Prerequisites:	60 credits from ET5301 - ET5309		
Programme(s):	Optional module for TESOL with Distance Learning and TESOL with Trinity Diploma by Distance Learning		
Description:	This module critically evaluates the different approaches to teaching and evaluation, taking into consideration the different theoretical concepts, formal and informal testing, validity and reliability, backwash and alternative assessment, such as portfolios. A selection of EFL testing materials such as the Cambridge Main Suite and the Trinity College London Spoken Examinations (GESE) and Integrated Skills (ISE) will be critically analysed, and students will be expected to plan and design tests for specific learning contexts.		
Class Hour:	To be arranged.		
Teaching:	One 2 hour lecture and one 1 hour seminar each week for 5 weeks.		
Assessment:	Continuous Assessment = 100%		

ET5199 Dissertation for M.Litt. Programme

Credits:	60	Semester:	2
Prerequisites:	Grade average of 13.5 for course work		
Programme(s):	Compulsory module for English Language Teaching		
Description:	Student dissertations will be supervised by members of the teaching staff, who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.		
Class Hour:	At times arranged with the supervisor		
Teaching:	Individual Supervision		
Assessment:	Dissertation = 100%		

ET5301 Language Analysis with Phonetics and Phonology

Credits:	20	Semester:	1
Prerequisites:	Recognised initial teaching qualification e.g. Cambridge CELTA, Trinity Cert TESOL. Two years' post-Cert teaching experience is required for students intending to do the M.Litt. in ELT with Trinity LTCL Diploma TESOL.		
Programme(s):	Compulsory module for TESOL with Distance Learning and TESOL with Trinity Diploma by Distance Learning		
Description:	This module explores and analyses the structure and sound system of the English Language and leads to the development of an in-depth understanding of the language systems and the language-related issues which are commonly taught on beginner to advanced level syllabuses in the English Language teaching classroom, as well as exploring the theoretical issues of the written and spoken language and their relevance to the practical implementation of English phonology.		
Class Hour:	not applicable		
Teaching:	15 weeks Distance Learning		
Assessment:	Continuous Assessment = 25%, 3 Hour Examination = 75%		

ET5302 Teaching and Methodology

Credits:	20	Semester:	1
Prerequisites:	Recognised initial teaching qualification e.g. Cambridge CELTA, Trinity Cert TESOL. Two years' post-Cert teaching experience is required for students intending to do the M.Litt. in ELT with Trinity LTCL Diploma TESOL.		
Programme(s):	Compulsory module for TESOL with Distance Learning and TESOL with Trinity Diploma by Distance Learning		
Description:	This module gives students a brief historical overview of English Language Teaching from the traditional Grammar-Translation Method to post-Communicative Language Teaching Methodology. It analyses the teaching of the four language skills and grammar and vocabulary. It also explores the areas of testing and evaluation, materials evaluation, and focuses on the learner by investigating individual learning styles as well as the learner's cultural background and learning context.		
Class Hour:	not applicable		
Teaching:	15 weeks Distance Learning		
Assessment:	Continuous Assessment = 100%		

ET5303 Teaching and Research

English Language Teaching – 5000 Level Modules 2010/11 – August 2010

Credits:	20	Semester:	1
Prerequisites:	Recognised initial teaching qualification e.g. Cambridge CELTA, Trinity Cert TESOL. Two years' post-Cert teaching experience is required for students intending to do the M.Litt. in ELT with Trinity LTCL Diploma TESOL.		
Programme(s):	Compulsory module for TESOL with Distance Learning and TESOL with Trinity Diploma by Distance Learning		
Description:	This module develops students' critical and reflective skills enabling them to critically analyse and evaluate research articles, to construct arguments from their reading, to write a literature review and provides them with the necessary reflective skills and methodological tools to conduct action research in their own classrooms.		
Class Hour:	not applicable		
Teaching:	15 weeks Distance Learning		
Assessment:	Continuous Assessment = 100%		

ET5977 Study Abroad – Descriptions and Analysis of English

Credits:	20	Semester:	1
Description:	This module, together with ET5979, ET5989 and ET5993, cover the foundations of Applied Linguistics and are taught in Semester One at Beijing Foreign Studies University by their staff.		

ET5979 Study Abroad – Foreign Language Education

Credits:	20	Semester:	1
Description:	This module, together with ET5977, ET5989 and ET5993, cover the foundations of Applied Linguistics and are taught in Semester One at Beijing Foreign Studies University by their staff.		

ET5989 Study Abroad - Beijing - Schools of Linguistics and Academic Reading

Credits:	20	Semester:	1
Description:	This module, together with ET5977, ET5979 and ET5993, cover the foundations of Applied Linguistics and are taught in Semester One at Beijing Foreign Studies University by their staff.		

ET5993 Study Abroad - Beijing - Research Methodology

Credits:	Zero	Semester:	1
Description:	This module, together with ET5977, ET5979 and ET5989, cover the foundations of Applied Linguistics and are taught in Semester One at Beijing Foreign Studies University by their staff.		

School of Geography & Geosciences

Head of School Professor P J Boyle

Taught Programmes

Postgraduate Diploma: Health Geography Research (*not available 2010-11*)
Environmental History (*see School of History*)
Managing Environmental Change (*not available 2010-11*)
Sustainable Development (*see section 25*)

M.Res.: Health Geography (*not available 2010-11*)

M.Litt.: Environmental History (*see School of History*)

M.Phil.: Environmental History (*see School of History*)

M.Sc.: Managing Environmental Change (*not available 2010-11*)
Sustainable Development (*see section 25*)

Programme Requirements

Health Geography/Health Geography Research (*not available 2010-11*)

Postgraduate Diploma: (120 credits): 85 credits from GE5001, ID5011, SS5101, SS5102, SS5103 and SS5104 and 35 credits from GE5010, MO5023 and/ other modules as approved by the course co-ordinator

M.Res.: 120 credits, as for the Postgraduate Diploma, plus a dissertation (GE5008) of not more than 15,000 words (60 credits)

Managing Environmental Change (*not available 2010-11*)

Postgraduate Diploma: (120 credits): 40 credits from GG5101, ID5005, GG5109 and either GG5105 or GG5106 (depending on availability), 15 or 20 credits from ID5010, ID5011 or ID5012, 30 credits from GG5110, and the remaining 30 or 35 credits from GE5010, GG5103, GG5104, SS5103-4, and 4000 level modules (up to 30 credits with permission of the relevant Head of School). Modules GG5105, GG5106 and GG5109 are based in Dundee, all others are based in St Andrews.

M.Sc.: 120 credits, as for the Postgraduate Diploma, plus a dissertation (60 credits, GG5111) of not more than 10,000 words

Modules

GE5001 Health Inequalities

Credits: 10 Semester: 1

Availability: Not available 2010-11

Programme: Compulsory core module for Health Geography Postgraduate Taught Programme.

Description: The module will define health, disease and illness; describe the epidemiological transition and its relevance in different geographical settings; demonstrate and explain the social, demographic and ethnic inequalities in health outcomes; consider the geographical variations in health inequalities both between and within nations; and critically examine the various philosophical approaches used to understand the geography of health inequalities. Techniques will include deprivation indexes; mapping of health data; use of the census and major government surveys.

Class Hour: To be arranged.

Teaching: One lecture and one seminar/practical.

Assessment: Continuous Assessment = 50%, 1 Hour Examination = 50%

Geography & Geosciences – 5000 Level Modules 2010/11 – August 2010

GE5002 Health Care Provision and Utilisation

Credits:	10	Semester:	2
Availability:	Not available 2010-11		
Programme:	Compulsory core module for Health Geography Postgraduate Taught Programme.		
Description:	Topics covered include international perspectives on health care; allocation of resources; accessibility to services; GIS and mapping of health care; models of location and allocation in health care; spatial differences in service utilisation and their social effects; qualitative and ethnographic approaches to health care systems. The course will include both lectures and practical components.		
Class Hour:	To be arranged.		
Teaching:	One lecture and one seminar/practical		
Assessment:	Continuous Assessment = 100%		

GE5006 Social Survey Methods in Health Research

Credits:	15	Semester:	2
Availability:	Not available 2010-11		
Programme:	Compulsory core module for Health Geography Postgraduate Taught Programme.		
Description:	This module takes students through the various stages of planning and conducting a questionnaire survey in the context of health research. Topics covered include the use of established social and health measures, designing and administering a questionnaire, sampling methods, conducting interviews and creating a usable database. Students are expected to devise a detailed research proposal and present it in written form. The module is inter-disciplinary in emphasis and deliberately encourages students to think outside their own discipline.		
Class Hour:	2.00 – 4.00 pm Friday		
Teaching:	One lecture and one practical.		
Assessment:	Continuous Assessment = 100%		

GE5008 Dissertation in Health Geography

Credits:	60	Semester:	summer vacation
Availability:	Not available 2010-11		
Programme:	Compulsory module for Health Geography M.Res. Postgraduate Programme.		
Description:	Students choose a topic in the field of health geography on which to conduct independent research. Each dissertation will be supervised by a member of the teaching staff who will provide advice throughout the research process. Research will be conducted over the summer after the end of the taught modules and the completed dissertation of no more than 15,000 words must be submitted before the end of the course.		
Class Hour:	To be arranged with supervisor.		
Teaching:	Individual supervision.		
Assessment:	Continuous Assessment = 100%		

GE5010 Health and Environment

Credits:	10	Semester:	1
Availability:	Not available 2010-11		
Programme:	Compulsory module for M.Sc. in Managing Environmental Change. Optional module for Postgraduate Taught Programmes in Health and/or Environmental Science and the M.Litt. in Environmental History.		
Description:	This module examines the relationships between the physical environment and human health. The module will compare natural and anthropogenic environments and take its examples from air pollution, water resources, volcanoes & earthquakes, mining activities, agriculture and the built environment. Particular emphasis will be placed on the causes of adverse health effects and their mitigation. The effects on health of global climate change will also be examined.		
Class Hour:	To be arranged.		
Teaching:	20 hours of seminars over 3 weeks.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

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GE5012 The Geography of HIV/AIDS

Credits:	10	Semester:	2
Availability:	Not available 2010-11		
Programme:	Optional module for Health Geography Postgraduate Taught Programme and the M.Litt. in Environmental History.		
Description:	This module addresses the uneven global geography of the HIV/AIDS pandemic and its concentration in Africa. It examines why social scientific, not just biomedical, research is vital and explores the regionally specific dimensions of the virus's rapid spread in this context. The module also examines the social, political and economic implications of HIV/AIDS for Africa's development. The course concludes by looking toward future local and global initiatives that might help reduce transmission and ease the human suffering caused by HIV/AIDS.		
Class Hour:	To be arranged.		
Teaching:	Two lectures and/or seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

GE5017 Spatial Analysis of Health Data

Credits:	10	Semester	2
Availability:	Not available 2010-11		
Prerequisite:	SS5104 or equivalent Statistics course		
Programme:	Optional module for Health Geography Postgraduate Taught Programme		
Description:	This module is intended to equip students with the ability to understand and apply techniques of analysis used extensively in health geography. It focuses on techniques such as cluster detection, longitudinal analysis and logit modelling, with practical work on real data in addition to instruction on the basis of techniques studied and on health geography examples.		
Class Hour:	10.00 am – 12.00 noon Thursday.		
Teaching:	One lecture and one practical fortnightly		
Assessment	Continuous Assessment = 100%		

GE5051 Environmental Management in Scotland

Credits:	20	Semester:	1
Prerequisite:	Available only to Students admitted to the M.Litt. in Environmental History.		
Programme(s):	Optional module for Environmental History - Postgraduate Taught Programme.		
Description:	This module focuses on current environmental management issues in Scotland. It provides, firstly, a presentation of the fundamental elements of the various systems of land and resource management (e.g. forestry, agriculture & crofting, wildlife, freshwater resources, conservation), and secondly, examples of the ways in which these systems interact. Throughout, the module aims to engender a holistic understanding of environmental management, in contrast to the sectoral approach traditionally employed by central and local government. The ultimate aim is to leave students with an informed conceptual framework for evaluating the merits of management proposals, with their attendant implications for environmental change and economic development. A particular focus, employing topical case studies and a field visit, will be the conflicts that are increasingly arising as interest groups with contrasting philosophies & value systems compete for the finite resources of Scotland's wild places.		
Class Hour:	To be arranged.		
Teaching:	Two 1 hour lectures weekly, and a weekend field excursion.		
Assessment:	Continuous Assessment = 100%		

Geography & Geosciences – 5000 Level Modules 2010/11 – August 2010

GG5101 Environmental Change

Credits:	10	Semester:	1
Programme(s):	Compulsory module for the Managing Environmental Change Taught Programme		
Description:	This module places special emphasis on the interactions between the major components of the Earth system, notably lithosphere, atmosphere, hydrosphere and biosphere, and their influence on the rates of change. Issues such as carbon sources and sinks in relation to “carbon taxation” will be highlighted. The Scottish context of global change will also be considered.		
Class Hour:	To be arranged.		
Teaching:	24 hours of lectures and seminars plus field trip and site visits.		
Assessment:	Continuous Assessment = 50%, 1 Hour, open book review essay Examination = 50%		

GG5102 Environmental Management and Policy

Credits:	10	Semester:	2
Programme(s):	Compulsory core module for the Managing Environmental Change Taught Programme		
Description:	The first part of this module deals with current thinking in environmental management, environmental ethics and values, environmental legislation and planning. The module then moves on to case studies illustrating how theoretical ideas apply in practical contexts, egs. waste management, conservation and protected areas policies, flood management, environmental impacts of commercial agriculture, and Scottish land reform and access legislation.		
Class Hour:	To be arranged.		
Teaching:	16 hours of lectures and seminars.		
Assessment:	Continuous Assessment = 100%		

GG5103 Data capture and analysis 1: Geophysics and Remote Sensing

Credits:	10	Semester:	1
Programme(s):	Compulsory module for the Managing Environmental Change Taught Programme		
Description:	The module begins with field methods of survey, notably geophysical site surveying using gravity, magnetic, electric, electromagnetic, and seismic techniques, as well as topographic surveying. Field sampling techniques are applied to water and sediments. Throughout emphasis is placed on methods for storing and manipulating spatial data using GIS.		
Class Hour:	To be arranged.		
Teaching	About 16 hours of lectures and tutorials, and about 30 hours of formal practical work.		
Assessment:	Continuous Assessment (Field Report on Geophysical Methods = 40%, Spatial analysis of remote sensing data 40%, poster presentation = 20%) = 100%		

GG5104 Data capture and analysis 2: Laboratory methods

Credits:	10	Semester:	1
Programme(s):	Compulsory module for the Managing Environmental Change Taught Programme		
Description:	This module provides students with practical experience in using modern analytical methods relevant to environmental geochemistry. As well as gaining hands-on experience with a range of analytical equipment the module will cover relevant methods by which data from various analytical methods may be processed and represented. The concepts of precision and errors in practical analysis will be developed, and students will gain an understanding of the requirements of health and safety at work legislation for working in laboratories as well as an appreciation of good laboratory practice.		
Class Hour:	To be arranged.		
Teaching:	8 hours of lectures plus 30 hours of formal practical work.		
Assessment:	Continuous Assessment = 100%		

GG5110 Group Project

Credits: 30 Semester: 2

Programme(s): Compulsory module for the Managing Environmental Change Taught Programme

Description: The project will be based on an environmental management problem that will involve most or all of fieldwork and site visits, sampling of material (eg soils, waters), lab analysis of materials, collection and evaluation of secondary data from a range of sources and a socio-economic study. Students will work in mini-teams addressing physical and human dimensions of the issue in the field. Each member of the group will take responsibility for one aspect of the study as well as contributing to the overall investigation.

Class Hour: To be arranged.

Teaching: Primarily based on meetings with project supervisor.

Assessment: Continuous Assessment (Individual presentation = 25%, Group presentation = 25%, Individual written report = 25%, Group written report = 25%) = 100%

GG5111 Individual Project

Credits: 60 Semester: Summer

Programme(s): Compulsory module for the Managing Environmental Change Taught Programme

Description: The project will take the form of addressing a problem of environmental change management. It will involve gathering appropriate primary and secondary data, analysing the data, evaluating potential solutions and presenting the outcomes using a range of presentational methods. Two types of individual project are possible. 1. Students aiming for careers outwith academia will be encouraged to base their project within another organisation where they may have an opportunity for placement. 2. Students aiming to continue in environmental research may chose a project based in the field and/or in the lab and remain within the university to complete the work.

Class Hour: To be arranged.

Teaching: Primarily based on meetings with project supervisor.

Assessment: Continuous Assessment = 100%

ID5005 Enterprise, Creativity and Innovation (10)

Credits: 10 Semester: 1

Programme(s): Optional module for Managing Environmental Change Postgraduate Taught Programme.

Optionally available to all Postgraduate Taught Programmes, subject to approval of Course Director/Coordinator within individual Schools.

Description: In this module students will acquire a critical understanding of the concepts and theories that help to understand enterprise and the processes of entrepreneurship and leadership. Through these two elements students will enhance their ability to generate ideas through creative thinking and cognitive-mapping as well as understand the significance and protection of intellectual property rights. This will enable them to better instigate, facilitate and practice in a rigorous approach to entrepreneurship and executive creativity. Teaching media will include formal lectures, case study analysis, team-based workgroups and visiting speakers.

Class Hour: 2.00 – 5.00 pm Wednesday.

Teaching: One lecture and one seminar per week over 7 weeks.

Assessment: Continuous Assessment = 100%

Geography & Geosciences – 5000 Level Modules 2010/11 – August 2010

ID5010 Geographic Information Systems for Social Research

Credits:	15	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5010, ID5012		
Programme(s):	Optional module for Health Geography Research Taught Programme		
Description:	This module provides an introduction to Geographic Information systems and their use in health (and related) problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of health examples will be given.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 50%, Short Project = 50%		

ID5011 Geographic Information Systems for Environmental Management

Credits:	15	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5011, ID5012		
Programme(s):	Optional module for Environmental Biology, Mathematics & Statistics, Economics, Management and Environmental History Taught Postgraduate Programmes.		
Description:	This module provides an introduction to Geographic Information systems and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final, short individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of environmental examples will be given. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth and environmental science, biology, archaeology, and mathematics.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 50%, Short Project = 50%		

ID5012 Advanced Geographic Information Systems

Credits:	20	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5010, ID5011		
Programme(s):	Optional module for M Res in Environmental Biology Taught Postgraduate Programmes.		
Description:	This module provides an advanced training in Geographic Information Systems (GIS) and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes with emphasis on a final independent GIS project. The module will begin with an introduction to data storage and manipulation, basic analysis of 2D and 3D spatial digital data and methods of display and will conclude with database design and more advanced data analysis using ArcGIS. Assessment will be based on the class exercises and the final project. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth science, biology, economics and management and mathematics.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 40%, Individual Project = 60%		

Geography & Geosciences – 5000 Level Modules 2010/11 – August 2010

SS5101 Being a Social Scientist: Skills, Processes and Outcomes

Credits: 15 Semester: 1

Programme(s): Compulsory module for the M.Res. in Health Geography

Description: This module focuses on developing students' specific research thinking and writing skills in a practically based way. Thus, the module will address the nature of being a research social scientist including exploring some of the ethical issues involved. The module will also consider selecting suitable research questions and framing these as appropriate for Masters and Ph.D. dissertations.

Class Hour: To be arranged

Teaching: 3 hour lecture, fortnightly

Assessment: Continuous Assessment = 100%

SS5102 Philosophy and Methodology of the Social Sciences

Credits: 15 Semester: 1

Programme(s): Compulsory module for M.Res. in Health Geography

Description: Beginning with a discussion of the evolution of the social sciences, this module addresses central philosophical questions of social science including discussion of epistemological and methodological aspects of positivism and interpretivism.

Class Hour; To be arranged.

Teaching: Details to follow.

Assessment: Continuous Assessment = 100%

SS5103 Qualitative Methods in Social Research

Credits: 15 Semester: 2

Programme(s) Compulsory module for M.Res. in Health Geography

Description: This module offers both a theoretical and practical introduction to qualitative research. The diversity of the approaches to qualitative research will be addressed but the focus of the module is primarily practical necessitating the active participation of students.

Class Hour: To be arranged

Teaching: 2 hour, weekly

Assessment: Continuous Assessment = 100%

SS5104 Quantitative Research in Social Science

Credits: 15 Semester: 1

Programme(s) Compulsory module for M.Res. in Health Geography

Description: This module will cover basic concepts and approaches to quantitative research in the social sciences in order to provide students with the basic quantitative tools for collecting, organising and analysing data.

Class Hour: To be arranged

Teaching: Details to follow

Assessment: Continuous Assessment = 100%

School of History

Including: Arabic, Mediaeval, Modern and Scottish History
(see also Ancient History, within Classics section)

Head of School

Professor C Given-Wilson

Taught Programmes

Postgraduate Diploma:

Central & East European Studies
Early Modern History
Environmental History
Historical Research
Iranian Studies
Mediaeval History
Mediaeval Studies (*see section 19*)
Middle Eastern History and Culture
Modern Historiography
Modern History
Reformation Studies
Scottish Historical Studies
The Book. History and Techniques of Analysis

M.Litt.:

Central & East European Studies
Early Modern History
Environmental History
Historical Research
Iranian Studies
Mediaeval History
Mediaeval Studies (*see section 19*)
Middle Eastern History and Culture
Modern Historiography
Modern History
Reformation Studies
Scottish Historical Studies
The Book. History and Techniques of Analysis

M.Phil.:

Central & East European Studies
Early Modern History
Environmental History
Historical Research
Iranian Studies
Mediaeval History
Mediaeval Studies (*see section 19*)
Middle Eastern History and Culture
Modern Historiography
Modern History
Reformation Studies
Scottish Historical Studies
The Book. History and Techniques of Analysis

History – 5000 Level Modules 2010/11 – August 2010

Programme Requirements

Central & East European Studies

Postgraduate Diploma:	120 credits from RU5001 - RU5100, AH5086, AH5101, IR5012, IR5212, MO5301, MO5402, MO5503, MO5602, MO5610 save that no more than two modules may be taken from one subject. MO5609
M.Litt.:	120 credits as for the Postgraduate Diploma plus one of AH5099, IR5099 or MO5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Early Modern History

Postgraduate Diploma:	120 credits: 40 credits from MO5001, 40 credits from either MO5012 or (HI5004 and one of GM5901, GM5902, FR5901, FR5902, SP5901, SP5902, IT5901, IT5902, RU5901, RU5902), and 40 credits from MO5002 - MO5095, MO5602, SC5201
M.Litt.:	120 credits as for the Postgraduate Diploma plus MO5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Environmental History

Postgraduate Diploma:	120 credits: 40 from core course MO5601; a minimum of a further 40 (and a maximum of 80) credits chosen from EH5003, ME5001, ME5414, MO5023, MO5935; and, if necessary, a further 40 credits chosen from EC5505, EH5003, EN5023, GE5010, GE5011, GE5012, GE5048, GE5051, ID5011, IR5013, (MO5223 or MO5203), MO5308, MO5400, MO5602, MO5605, SC5403, MO5603, MO5604, MO5606, MO5609
M.Litt.:	120 credits as for the Postgraduate Diploma plus EH5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Historical Research

Postgraduate Diploma:	120 credits; 40 credits from either MO5601 or MO5801 and 80 further credits from any combination of the following: MO5602, MO5609, HI5002 – HI5004, other appropriate skills courses (credit transfer)
M.Litt.:	120 credits as for the Postgraduate Diploma plus HI5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Iranian Studies

Postgraduate Diploma:	120 credits; 40 credits from MH5101 and a further 80 credits from MH5001, MH5110, MH5111, MH5112
M.Litt.:	120 credits as for the Postgraduate Diploma plus HI5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Mediaeval History

Postgraduate Diploma:	120 credits: 40 credits from ME5002; 40 credits from one of the following: ME5001, ME5110, SC5202; 20 credits from ME5005; 20 credits from any of the following: HI5004, FR5901, FR5902, GM5901, GM5902, IT5901, IT5902, RU5901, RU5902, SP5901, SP5902
M.Litt.:	120 credits as for the Postgraduate Diploma plus ME5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Middle Eastern History and Culture

Postgraduate Diploma:	120 credits: 40 credits from MH5101, 80 credits from two of the following: MH5001, MH5002, MH5110, IR5212, EITHER AR5023 OR AR5237.
M.Litt.:	120 credits as for the Postgraduate Diploma plus one of AR5099, ME5099 or MO5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Modern Historiography

Postgraduate Diploma:	120 credits: 80 credits from MO5601 and MO5308, plus either 40 credits from the following: HI5002 – HI5004, other appropriate skills courses (credit transfer) or 40 credits from one of the following: MO5203, MO5602 - MO5608, MO5609, MO5011
M.Litt.:	120 credits as for the Postgraduate Diploma plus MO5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Modern History

Postgraduate Diploma:	120 credits: 40 credits from either MO5601 or MO5801 and 40 credits from MO5602, and 40 further credits from any of the following: MO5602 - MO5608, SC5203, MO5609, MO5710
M.Litt.:	120 credits as for the Postgraduate Diploma plus MO5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Reformation Studies

Postgraduate Diploma:	120 credits, 40 from MO5011 and a further 80 credits from HI5004, MO5002 - MO5006, MO5602, MO5905, SC5022, GM5028, MO5012, SC5201
M.Litt.:	120 credits as for the Postgraduate Diploma plus MO5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

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Scottish Historical Studies

Postgraduate Diploma:	120 credits, 80 credits from SC5051 and SC5052, 40 credits from any combination of the following: HI5002 – HI5004, SC5201 - SC5203, appropriate skills (credit transfer)
M.Litt.:	120 credits as for the Postgraduate Diploma plus SC5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

The Book. History and Techniques of Analysis

Postgraduate Diploma:	120 credits consisting of MO5113, MO5012 and MO5602
M.Litt.:	120 credits as for the Postgraduate Diploma plus MO5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Modules

AH5101 Readings in Art History or History of Photography

Credits:	30	Semester:	Either
Programme(s):	Optional module for Art History Postgraduate students intending to proceed to Ph.D. and Central & East European Studies Postgraduate Taught Programme.		
Description:	This module is a detailed study of an Art Historical or History of Photography topic agreed between tutor and student. Taught on a one-to-one basis, this reading course will allow postgraduate students to acquire a detailed knowledge of an area of art history in preparation for further research. It will allow them also to develop their research bibliographic skills.		
Class Hour:	To be arranged.		
Teaching:	One seminar.		
Assessment:	Continuous Assessment = 100%		

AR5023 Advanced Arabic for Postgraduates

Credits:	40	Semester:	Whole Year
Prerequisite:	Admission to a taught postgraduate degree programme		
Programme(s):	Optional module for Mediaeval Studies, Middle Eastern History & Culture, and Middle Eastern & Central Asian Security Studies M.Litt. Postgraduate Programmes		
Description:	This module will be directed at the reading of primary source material. For intermediate students this will mean taking them to a level at which they can read current affairs material and/or simple literary/historical texts. For advanced students it will mean taking them to a level at which they can read and comment on primary source material of relevance to their research interests.		
Class Hour:	To be arranged.		
Teaching:	two lectures and one tutorial.		
Assessment:	Continuous Assessment = 100%		

AR5099 Dissertation for M.Litt. Programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Optional module for Middle Eastern History and Culture M.Litt. Postgraduate Programme
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

AR5237 Beginning Arabic for Postgraduates

Credits: 40 Semester: Whole Year
Prerequisite: Admission to a taught postgraduate degree programme
Anti-requisite: Previous study or knowledge of Arabic beyond beginner's level
Programme(s): Optional module for Mediaeval Studies, Middle Eastern History & Culture, and Middle Eastern & Central Asian Security Studies M.Litt. Postgraduate Programmes
Description: This module will teach students the essentials of Arabic grammar and syntax so that they can begin to read simple Arabic media/current affairs-related texts and to write basic standard Arabic.
Class Hour: to be arranged.
Teaching: Four lectures and dedicated tutorial.
Assessment: Continuous Assessment = 40%, 2 Hour Examination (40% written 20% oral) = 60%

AR5301 Arabic for Postgraduate Studies I

Credits: 20 Semester: 1
Anti-requisite: Previous study or knowledge of Arabic beyond beginner's level
Programme(s): Optional module for Mediaeval Studies M.Litt. Postgraduate Programmes
Description: This is an optional module for students taking the MLitt in Mediaeval Studies (reported within MS5021, Core Language and Texts 1). This module will provide students with an introduction to Arabic language, and will be based on the teaching for AR1001 or AR2001, as appropriate.
Class Hour: To be arranged.
Teaching: Four lectures and one tutorial.
Assessment: Continuous Assessment = 40%, 2 Hour Examination (40% written 20% oral) = 60%

AR5302 Arabic for Postgraduate Studies II

Credits: 20 Semester: 2
Anti-requisite: Previous study or knowledge of Arabic beyond beginner's level
Programme(s): Optional module for Mediaeval Studies M.Litt. Postgraduate Programmes
Description: This is an optional module for students taking the MLitt in Mediaeval Studies (reported within MS5022, Core Language and Texts 2). This second semester module will provide students with an introduction to Arabic language, and will be based on the teaching for AR1001 or AR2001, as appropriate.
Class Hour: To be arranged.
Teaching: Four lectures and one tutorial.
Assessment: Continuous Assessment = 40%, 2 Hour Examination (40% written 20% oral) = 60%

EC5505 Global and Local Issues of the Environment

Credits: 20 Semester: 2
Programme(s): Optional module for M.Sc. in International Strategy and Economics and Postgraduate Diploma in Environmental History
Description: The aim of this module is to introduce basic ideas and methods of environmental economics and policy without assuming any prior knowledge of economics. The geological background and current state of global warming is related to international efforts to control the problem and efforts by energy lobbies to undermine controls and misinform public opinion. A variety of topical issues that relate economic, environmental and public policy considerations will be discussed including international trade, tropical deforestation, transport, sustainability, the relationship between economic (material) growth, the environment and human happiness and welfare. Specific problems of developing countries and their relations to the developed world will be studied.
Class Hour: To be arranged.
Teaching: Two lectures, one seminar.
Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

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EH5003 Environmental History: Nature and the Western World, 1800-2000

Credits:	40	Semester:	2
Programme(s):	Optional module for Environmental History, Modern Historiography, Postgraduate Taught Programmes.		
Description:	This module studies environmental history over the past two centuries in an international context. It examines attitudes to nature and animals, species history (extinctions and introductions), national parks and nature reserves, the history of environmentalism and nature conservation, the history of countryside recreation and tourism, and the history of current problems such as pollution and pesticide use. It will draw on examples taken from the USA, southern Africa, Australasia and Great Britain.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminar, fortnightly tutorial.		
Assessment:	Continuous Assessment = 100%		

EH5099 Dissertation for M.Litt. Programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Compulsory module for Environmental History M.Litt. Postgraduate Programme
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

FR5901 French for Postgraduate Studies 1

Credits:	20	Semester:	1 or 2
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Optional module for Taught Postgraduate Programmes outwith Modern Languages		

FR5902 French for Postgraduate Studies 2

Credits:	20	Semester:	2
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Taught Postgraduate Programmes outwith Modern Languages		

GE5012 The Geography of HIV/AIDS

Credits:	10	Semester:	2
Availability:	not available 2010-11		
Programme(s):	Optional module for Health Geography Postgraduate Taught Programme and the M.Litt. in Environmental History.		
Description:	This module addresses the uneven global geography of the HIV/AIDS pandemic and its concentration in Africa. It examines why social scientific, not just biomedical, research is vital and explores the regionally specific dimensions of the virus's rapid spread in this context. The module also examines the social, political and economic implications of HIV/AIDS for Africa's development. The course concludes by looking toward future local and global initiatives that might help reduce transmission and ease the human suffering caused by HIV/AIDS.		
Class Hour:	To be arranged.		
Teaching:	Two lectures and/or seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

GE5051 Environmental Management in Scotland

Credits: 20 Semester: 1

Prerequisite: Available only to Students admitted to the M.Litt. in Environmental History.

Programme(s): Optional module for Environmental History Postgraduate Taught Programme.

Description: This module focuses on current environmental management issues in Scotland. It provides, firstly, a presentation of the fundamental elements of the various systems of land and resource management (e.g. forestry, agriculture & crofting, wildlife, freshwater resources, conservation), and secondly, examples of the ways in which these systems interact. Throughout, the module aims to engender a holistic understanding of environmental management, in contrast to the sectoral approach traditionally employed by central and local government. The ultimate aim is to leave students with an informed conceptual framework for evaluating the merits of management proposals, with their attendant implications for environmental change and economic development. A particular focus, employing topical case studies and a field visit, will be the conflicts that are increasingly arising as interest groups with contrasting philosophies & value systems compete for the finite resources of Scotland's wild places.

Class Hour: To be arranged.

Teaching: Two 1 hour lectures weekly, and a weekend field excursion.

Assessment: Continuous Assessment = 100%

GM5901 German for Postgraduate Studies 1

Credits: 20 Semester: Either

Prerequisite: Sufficient prior knowledge of the language to embark on the module at an appropriate level

Anti-requisite: Enrolment as taught or research postgraduate in Modern Languages

Programme(s): Optional module for Taught Postgraduate Programmes outwith Modern Languages

GM5902 German for Postgraduate Studies 2

Credits: 20 Semester: 2

Prerequisite: Sufficient prior knowledge of the language to embark on the module at an appropriate level

Anti-requisite: Enrolment as taught or research postgraduate in Modern Languages

Programme(s): Taught Postgraduate Programmes outwith Modern Languages

HI5002 Historical Sources and Skills I

Credits: 40 Semester: Whole Year

Programme(s): Optional module for Historical Research, Modern Historiography and Scottish Historical Studies Postgraduate Taught Programmes.

Description: The aim of this module is to give students a chance to acquire two technical skills which they must have in order to embark on their chosen path of research, not just for the M.Litt. dissertation but also for possible future Ph.D. work. It relates primarily to other courses in the M.Litt. (Historical Research). There is no set syllabus. Each student chooses two from the available options which currently are (i) Bibliography (ii) Palaeography and Diplomatic (iii) Language Training - Latin and French are currently offered, but the School can secure teaching in any appropriate language currently taught in the University (iv) Archaeology (v) Archive Studies (vi) Quantitative and Computing Skills for historians. The module can therefore vary considerably and may be taught almost entirely within one department (such as Modern History or Mediaeval History) or in a number of different department. Two semesters are essential because of the need for time to cope with a great deal of new and rigorous scholarly work.

Class Hour: To be arranged.

Teaching: Lectures and seminars as appropriate up to three hours per week.

Assessment: Continuous Assessment = 100%

HI5003 Historical Sources and Skills II

Credits: 40 Semester: Whole Year

Programme(s): Optional module for Historical Research, Modern Historiography and Scottish Historical Studies Postgraduate Taught Programmes.

Description: The syllabus for this module is the same as for HI5002. Its aim is to allow students to acquire a further two technical skills from the list given under HI5002.

Class Hour: To be arranged.

Teaching: Lectures and seminars as appropriate up to three hours per week.

Assessment: Continuous Assessment = 100%

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HI5004 Historical Sources and Skills III

Credits:	20	Semester:	Either
Co-requisite:	20 credit Language module		
Programme(s):	Optional module for Historical Research, Mediaeval History, Modern Historiography, Reformation Studies and Scottish Historical Research Postgraduate Taught Programmes.		
Description:	The aim of this module is to give students a chance to acquire a technical skill crucial for their research plans, not just for the taught postgraduate programme but also with a view to further doctoral work. Students can choose from several available training options, among them training in a number of relevant languages (incl. Latin and Arabic) and advanced bibliography.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 100%		

HI5099 Dissertation for M.Litt. Programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Compulsory module for Historical Research or Iranian Studies M.Litt. Postgraduate Programmes
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

ID5011 Geographic Information Systems for Environmental Management

Credits:	15	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5010, ID5012		
Programme(s):	Optional module for Environmental Biology M.Sc., Mathematics & Statistics, Economics, Management and Environmental History Taught Postgraduate Programmes.		
Description:	This module provides an introduction to Geographic Information systems and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final, short individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of environmental examples will be given. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth and environmental science, biology, archaeology, and mathematics.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 50%, Short Project = 50%		

IR5217 International Relations of the Middle East

Credits: 40 Semester: 1

Anti-requisite: IR5520

Programme(s): Optional module for Middle Eastern History and Culture Postgraduate Taught Programme.

Description: This module examines Middle East international relations, with a special concern for the following topics: 1) the special character of the Middle East state system; 2) the foreign policies of Middle East states; 3) typical regional patterns of conflict and order. The module has two objectives: 1) to provide students with some expertise in the main issues and conflicts of international politics in the Middle East area (it assumes no prior expertise); 2) to give students experience in applying concepts of international relations to concrete cases in a particular cultural area.

Class Hour: To be arranged.

Teaching: One 2 hour seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IT5901 Italian for Postgraduate Studies 1

Credits: 20.0 Semester: 1

Prerequisite: Sufficient prior knowledge of the language to embark on the module at an appropriate level

Anti-requisite: Enrolment as taught or research postgraduate in Modern Languages

Programme(s): Optional module for Taught Postgraduate Programmes outwith Modern Languages

IT5902 Italian for Postgraduate Studies 2

Credits: 20.0 Semester: 2

Prerequisite: Sufficient prior knowledge of the language to embark on the module at an appropriate level

Anti-requisite: Enrolment as taught or research postgraduate in Modern Languages

ME5001 Special Topic in Mediaeval History

Credits: 40 Semester: Whole Year

Programme(s): Optional module for Environmental History and Mediaeval History Postgraduate Taught Programmes.

Description: This module is a detailed study of a mediaeval topic of the student's own choice which, as appropriate, will include either participation in any 4000 level module or individual tutorials with a designated tutor.

Class Hour: To be arranged.

Teaching: One 2-3 hour seminar or individual tutorials as required.

Assessment: Continuous Assessment = 100%

ME5002 Sources and Source Criticism

Credits: 40 Semester: Whole Year

Programme(s): Compulsory module for Mediaeval History Postgraduate Taught Programme.

Description: This module addresses interpretation and criticism of mediaeval sources. A taught core in semester one concentrates upon a selected central body of documentation and its associated problems and introduces appropriate skills training. This is completed in semester two by an extended paper, together with training in seminar presentation and discussion skills.

Class Hour: To be arranged.

Teaching: One-and-a-half hour seminar and individual tutorials as required.

Assessment: Continuous Assessment = 100%

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ME5005 An Introduction to Palaeography with Codicological and Manuscript Studies

Credits:	20	Semester:	Whole Year
Programme(s):	Compulsory module for Mediaeval History Postgraduate Taught Programme.		
Description:	This module is an introductory survey of the history of the mediaeval manuscript. Through a series of practical exercises students will also learn to transcribe and translate documents.		
Class Hour:	To be arranged.		
Teaching:	Two hours.		
Assessment:	Continuous Assessment = 100%		

ME5099 Dissertation for M.Litt. Programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Compulsory module for Mediaeval History M.Litt. Postgraduate Programme
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

MH5001 Directed Reading in Middle Eastern History

Credits:	40	Semester:	Either
Programme(s):	Compulsory module for the Middle Eastern History and Culture Postgraduate Taught Programme. Optional module for the Iranian Studies Postgraduate Taught Programme.		
Description:	A directed reading project designed to encourage the development of skills of historical analysis through concentrated study of a topic chosen by the student in consultation with a supervisor. The project offers the student the opportunity to develop skills of research, analysis and presentation prior to the dissertation. As such, it will serve as a useful transition between the more structured teaching of undergraduate work and the independence of postgraduate dissertations. The project will normally take the form of a bibliographic essay or primary research on a narrowly defined topic.		
Class Hour:	To be arranged.		
Teaching:	Fortnightly tutorials.		
Assessment:	Continuous Assessment = 100%		

MH5002 From Muhammad to the Mamluks: themes in the history and culture of the Middle East

Credits:	40	Semester:	1
Programme(s):	Optional module for the Middle Eastern History and Culture Postgraduate Taught Programme.		
Description:	This module will cover the history and culture of the Islamic Middle East from the birth of Islam in the region in the 7 th century until the conclusion of its pre-modern history by the Ottoman conquest of Egypt in 1517. Within this wide range of a millennium of Islamic expansion, innovation, consolidation, fragmentation and re-orientation, there will be a thorough coverage of the key themes that define the resulting societies, their subjects and their historical and cultural evolution. These themes include the Middle East's social and religious history and its political, military and material culture.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 100%		

MH5003 Empire, Nationalism and the Birth of the Modern Middle East

Credits: 40 Semester: 1

Programme(s): Optional module for the Middle Eastern History and Culture Postgraduate Taught Programme.

Description: This module begins by examining a central conviction of modern Middle Eastern nationalism, that western political and military involvement in the Middle East was fundamentally geared to the exploitation of the region's economic resources. Two case studies are considered, that of cotton in 19th century Egypt and that of oil in Persia, Mesopotamia and Arabia up to the Second World War. The module continues with an analysis of the post-war Middle Eastern response to the challenge posed by the West, in particular its ideological aspects including the growth of nationalisms and Islamism, and their political expression in the emergence of the modern state through both reform and revolution.

Class Hour: To be arranged.

Teaching: Two hour seminar

Assessment: Continuous Assessment = 100%

MH5101 Themes in Middle Eastern History and Politics

Credits: 40 Semester: 1

Programme(s): Compulsory module for the Iranian Studies Postgraduate Taught Programmes.

Description: This module is intended to introduce students to themes and debates in Middle Eastern history and politics. The module will begin with a look at methodological problems, the question of historiography, and then address themes such as the nature of the 'state', 'state-society relations', 'Islam', 'centre-periphery relations', as well as more contemporary debates concerning development, democratization, the idea of the nation, culture, and the nature of Iran's relations with the outside world, in particular the West.

Class Hour: To be arranged.

Teaching: Two hour seminar

Assessment: Continuous Assessment = 100%

MH5110 Introduction to Modern Persian

Credits: 40 Semester: Whole Year

Programme(s): Optional module for the Iranian Studies and Middle Eastern History and Culture Postgraduate Taught Programmes.

Description: This module is intended to introduce students to Modern Persian. No previous knowledge will be required and students will be taught the basic, language, grammar and structure of modern Persian with a view to preparing them for the study of basic texts and conversation. The module, which will run throughout the year, is intended to provide students with the foundations of modern Persian upon which they will be able to build and extend, should they wish to pursue research.

Class Hour: To be arranged.

Teaching: Four lectures and one tutorial

Assessment: Continuous Assessment = 70%, Two Hour Examination + 15 minute oral Examination = 30%

MH5111 Iran and the World since 1921

Credits: 40 Semester: 2

Programme(s): Optional module for the Iranian Studies Postgraduate Taught Programmes.

Description: This module is intended to take an in-depth look at the development of the modern Iranian state from its inception under Reza Khan in the 1920s to the present day. The module will look at the growth of the state, economic development, relations with the West, Britain and the United States in particular, before turning to the Islamic Revolution and its consequences, with particular focus on the social changes engendered by revolution and war, culminating in the Presidency of Mohammad Khatami, its causes and consequences. While following a broad chronological perspective, students will be encouraged to engage with the themes and historical tensions highlighted by the module.

Class Hour: To be arranged.

Teaching: One two hour seminar.

Assessment: Continuous Assessment = 100%

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MH5112 Mediaeval Iran: from the Sasanids to the Samanids

Credits: 40 Semester: 2

Programme(s): Optional module for the Iranian Studies Postgraduate Taught Programmes.

Description: This module is intended to take an in-depth look at the changing nature of Iran from the perspective of its politics, religion and culture in the period ca. 200-1000. During this time it went from being an expansive imperial power (3rd - 7th centuries) to a defeated province of the early Arab state (7th - 8th centuries), to the heart of a new Islamic empire (8th - 9th centuries) and finally the home of a number of Iranian dynasties (9th century onwards). The module will look at such issues as Sasanid Iran's place in Late Antique culture, the passage from Zoroastrianism to Islam, the meaning of Iranian identity, Iran's impact on Islamic culture and politics, the significance of the rise of the New Persian language, changes in the social makeup of Iran over the period under study, and so on. While following a broad chronological perspective, students will be encouraged to engage with the themes and historical tensions highlighted by the module.

Class Hour: To be arranged.

Teaching: One two hour seminar.

Assessment: Continuous Assessment = 100%

MO5001 Approaches and Sources in Early Modern History

Credits: 40 Semester: Whole Year

Availability: 2011-12

Programme(s): Compulsory module for Early Modern History Postgraduate Taught Programme.

Description: This module acts as the compulsory core course for the M.Litt. in Early Modern History. Students will begin by exploring the logic and problems of considering the mid-fifteenth to the mid-eighteenth centuries as an early modern period. Students will then look at multiple ways, some of them directly informed by social sciences, in which historians have used a rich diversity of sources to investigate early modern historical issues. Debates over the appropriate employment of such sources will also be explored. The majority of the module will be spent focussing on a variety of genres of sources to provide students with a broad awareness and understanding of how particular historical themes might be pursued in greater depth.

Class Hour: To be arranged.

Teaching: Fortnightly tutorial and other teaching as appropriate.

Assessment: Continuous Assessment = 100%

MO5004 War, State and Society in Early Modern Europe and New Worlds

Credits: 40 Semester: Either

Availability: 2011-12

Programme(s): Optional module for Early Modern History Postgraduate Taught Programme.

Description: This module will explore the transformations in the size, scale and scope of European warfare between the late 15th and late 18th centuries. Such developments as the proliferation of gunpowder weaponry and the transformation of fortifications, considered by some historians as a "Military Revolution", altered the nature of warfare but also had considerable effects, often detrimental, on the state, society and good order. Moreover, Europeans exported their arts of war to other continents in competition with each other, and their encounters with other peoples in the Mediterranean basin, the Americas and East Asia led to further military adaptation. The module will investigate the military developments of the period on land and to a lesser extent at sea, but also the effects they had on the state and on civilians.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

MO5006 Society and Religious Change in Sixteenth Century France

Credits: 40 Semester: 2

Programme(s): Optional module for Modern Historiography and Reformation Studies Postgraduate Taught Programmes.

Description: This module offers a detailed examination of the development and near disintegration of the new French nation state in the sixteenth century. It examines how France faced the two major challenges of the age: the trend towards more centralised state-building, stimulated in part by the changing nature of warfare in the sixteenth century and the urge on the part of European monarchies to create a new monarchy; and the challenge posed by the divisions of European Christendom resulting from the Protestant Reformation. A central question to be answered is why France succeeded in meeting the first challenge so successfully, as epitomised by the 'Renaissance' monarchy of Francis I, but then collapsed so weakly in the face of the growth of Calvinism in the second half of the century.

Class Hour: To be arranged.

Teaching: Fortnightly tutorial and other teaching as appropriate.

Assessment: Continuous Assessment = 100%

MO5007 The European Renaissance

Credits: 40 Semester: Either

Availability: 2011-12

Programme(s): Optional module for Early Modern History Postgraduate Taught Programme.

Description: The Italian Renaissance has been seen as a turning point in European history. Writing in the nineteenth century, Jakob Burckhardt famously defined it as a golden age, marked above all by individualism, a love of ancient classics, amorality and antipathy to Christianity. Northern Europe, in the view of Burckhardt and his successor Johann Huizinga, was, by contrast, a society in decline. This module will compare and contrast the Italian and Northern Renaissances, examining their mediaeval origins and exploring themes such as religion, humanism, court and urban life, in order to test this traditional interpretation. Throughout, we will make extensive use of primary sources, both textual and visual, including works by Petrarch, Thomas à Kempis, Lorenzo Valla, Erasmus, Baldassare Castiglione, Thomas More, Hans Holbein, and Albrecht Dürer.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

MO5008 The Creation of an Atlantic World

Credits: 40 Semester: Either

Availability: 2011-12

Programme(s): Optional module for Early Modern History Postgraduate Taught Programme.

Description: This module will introduce students to the concept of the Atlantic World, a unit of analysis used by historians to understand the changes wrought in the western hemisphere by the British, French, and Iberian discovery and settlement of the Americas, and by Europe's slave trade with Africa. Through study of the economic, social, intellectual, and legal implications of the establishment of this new field of human interaction between 1500-1800, students will gain an appreciation of the impact of these discoveries on old and new world societies alike. Discussion will also address the benefits and limitations of the idea of an Atlantic World for the study of the early modern era.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

History – 5000 Level Modules 2010/11 – August 2010

MO5009 Law, Justice and Community: Court Records and British Society, 1400-1800

Credits: 40 Semester: Either

Availability: 2011-12

Programme(s): Optional module for Early Modern History Postgraduate Taught Programme.

Description: More than a century ago the greatest historian of English law, F. W. Maitland, wrote that 'legal documents of the most technical kind, are the best, often the only evidence that we have for economic and social history'. This module acts as an introduction to the single most important source for early-modern British social history: the records of law courts, which played a far more central role in everyday life than they do now. Students will explore the documentation produced by a wide range of British courts and look at their uses for the social historian. The aim is to provide students with a broad awareness and understanding of how particular resources have been and might be used in actual research.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

MO5010 Political Thought and Intellectual History

Credits: 40 Semester: Either

Availability: 2011-12

Programme(s): Optional module for Early Modern History Postgraduate Taught Programme.

Description: This module will offer a rich and varied graduate-level introduction to the political theory and intellectual history of the early modern period. There will be an emphasis upon English-speaking examples but always set within the context of broader European developments. Particular themes will be explored through the study of key texts and will include explanations of the relationship between state and society, theories of legitimacy and political obligation, accounts of the origins of government, and emerging interest in specific aspects of governmental activity.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

MO5011 Aspects of Reformation

Credits: 40 Semester: Whole Year

Programme(s): **Compulsory** module for Reformation Studies Postgraduate Taught Programme.

Optional module for Modern Historiography Postgraduate Taught Programmes.

Description: This module explains selected themes in Reformation Studies and encourages students to develop a sense of the historiography of the period. It is the core course of the Reformation Studies M.Litt. Each theme is treated in these seminars with students being required to make presentations on current historical debates. The themes include: Reformation theology, popular religion, the local reformation and the printed book.

Class Hour: To be arranged.

Teaching: Fortnightly tutorial and other teaching as appropriate.

Assessment: Continuous Assessment = 100%

MO5012 Skills Training

Credits: 40 Semester: Whole Year

Programme(s): **Compulsory** module for The Book: History and Techniques of Analysis Postgraduate Taught Programme.

Optional module for Reformation Studies Postgraduate Taught Programme.

Description: This is part of the M.Litt. in Reformation Studies and is intended to offer students training in skills relevant to research in early modern history. The student chooses two components from the range of options offered. These options included: Latin, palaeography, bibliography, and modern European languages. Each student will be able to choose the options most appropriate for the M.Litt. dissertation and further Ph.D. work.

Class Hour: To be arranged.

Teaching: As appropriate to the option.

Assessment: Continuous Assessment = 100%

MO5023 Disease and Environment, c.1500 - c.2000

Credits: 40 Semester: 1

Programme(s): Optional module for Environmental History Postgraduate Taught Programme

Description: Before they are members of political and religious groupings, humans are biological entities. As such, throughout history humans have had to devise complex strategies to cope with fundamental biological factors. Focusing primarily upon an Anglo-American context, this course examines the manner in which sickness and death have shaped human history – both biologically and culturally – over the past 500 years. Consideration of patients' and practitioners' expectations, and of the changing meanings of cure, treatment, and care, encourages students to appreciate changing attitudes to health, hygiene, healing and illness within the social history of medicine. Moreover, through an examination of medical practitioners, hospitals, quarantine, inoculation, imperialism, urbanisation, and industrialisation, students will gain an appreciation of the historical relationships between the environment and disease.

Class Hour: To be arranged.

Teaching: Fortnightly tutorial and other teaching as appropriate.

Assessment: Continuous Assessment = 100%

MO5099 Dissertation for M.Litt. Programme/s

Credits: 60

Prerequisite: An average grade of at least 13.5 in course work.

Programme(s): Compulsory module for Central & East European Studies, Modern Historiography, Modern History, and Reformation Studies M.Litt. Postgraduate Programmes

Description: Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.

Class Hour: At times to be arranged with the supervisor.

Teaching: Individual Supervision.

Assessment: Dissertation = 100%

MO5113 Books and Their Readers in Early Modern Europe

Credits: 40 Semester: 1

Programme(s): **Compulsory** module for The Book: History and Techniques of Analysis Postgraduate Taught Programme.

Description: This module aims to provide students with a good understanding of key issues and methods in book history ca.1445-1830. Through the evaluation of primary and secondary sources students will become familiar with the invention, development, spread, and transformation of printing in the period concerned. They will develop a sound knowledge of important aspects of book history, such as the economics of the book trade, the social and religious context of printed books, the development of the illustrated book, the relationship between books and the Enlightenment, and the history of libraries and book collecting.

Class Hour: To be arranged.

Teaching: 2 hour seminar.

Assessment: Continuous Assessment = 100%

History – 5000 Level Modules 2010/11 – August 2010

MO5308 Approaches to Historical Theory

Credits: 40

Semester: 2

Programme(s): **Compulsory** module for Modern Historiography Postgraduate Taught Programme.

Optional module for Environmental History Postgraduate Taught Programmes.

Description: This introductory module asks questions about the degree to which, and the ways in which, history may be considered a theoretical subject. The module will be organised around the problems posed by the nature and limits of historical knowledge; the shaping of the past by historians; the validity of historical explanations; and competing styles of method deployed by historians over the past two centuries. No philosophical background is required.

Class Hour: To be arranged.

Teaching: Fortnightly tutorial and other teaching as appropriate.

Assessment: Continuous Assessment = 100%

MO5402 The Soviet Union, 1917-1991

Credits: 40

Semester: 1

Programme(s): Optional module for Central & East European Studies and Modern Historiography, Postgraduate Taught Programmes.

Description: The emergence and development of the Soviet Union is traced from the Bolshevik Revolution of October 1917, via the period of Stalin's dictatorship and the leaderships of Khrushchev and Brezhnev, up to the end of the Gorbachev era which culminated in the dissolution of the Union in 1991. The course studies interlinked political, ideological, social, economic and cultural themes. The role of the Soviet Union on the international stage is also examined.

Class Hour: To be arranged.

Teaching: Fortnightly tutorial and other teaching as appropriate.

Assessment: Continuous Assessment = 100%

MO5503 Central and Eastern Europe since 1945

Credits: 40

Semester: 2

Programme(s): Optional module for Central & East European Studies and Modern Historiography Postgraduate Taught Programmes.

Description: The collapse of the Soviet sphere of influence in Eastern Europe during 1989, and the subsequent disintegration of the USSR itself, have been among the most dramatic developments of recent years. The pattern of Soviet domination of this region is traced from the end of the Second World War through an examination of both the common and individual responses to this in the nations concerned. Countries studied include former East Germany, Poland, former Czechoslovakia, Hungary, Romania, Bulgaria and former Yugoslavia. Developments after 1989 are also examined.

Class Hour: To be arranged.

Teaching: Fortnightly tutorial and other teaching as appropriate.

Assessment: Continuous Assessment = 100%

MO5601 History in the Making: Theories, Approaches and Practice

Credits: 40 Semester: Whole Year

Programme(s): Compulsory module for Environmental History, Middle Eastern History & Culture, Modern History and Modern Historiography Postgraduate Taught Programmes.

MO5601 or MO5801 is a compulsory module for Historical Research and Modern History Postgraduate Taught Programmes.

Description: The module brings together material from a range of historical approaches in order to provide an interdisciplinary module that will function as a satisfactory introduction to history and historiography for students interested in all branches of historical study. Its combination of substantive and historiographical material enables the module to be used as a free-standing guide for those humanities students who are not based in History but who wish to take an elective module in the subject.

Class Hour: To be arranged.

Teaching: Two hour fortnightly seminars.

Assessment: Continuous Assessment = 100%

MO5602 Directed Reading in Modern History

Credits: 40 Semester: Either

Programme(s): **Compulsory** module for The Book: History and Techniques of Analysis Postgraduate Taught Programme.

Optional module for Central & East European Studies, Environmental History, Historical Research, Modern Historiography, Modern History and Reformation Studies Postgraduate Taught Programmes.

Description: This module offers a directed reading project designed to encourage the development of skills of historical analysis through concentrated study of a topic chosen by the student. The project offers the student the opportunity to develop skills of research, analysis and presentation prior to the dissertation. As such, it will serve as a useful transition between the more structured teaching which characterises undergraduate work and the independence of postgraduate dissertations. The project will generally take the form of a bibliographical essay or primary research on a narrowly defined topic, but the guidelines are sufficiently flexible to accommodate new developments in learning and information dissemination.

Class Hour: To be arranged.

Teaching: Fortnightly tutorials.

Assessment: Continuous Assessment = 100%

MO5603 Themes and Debates on War and Modern History

Credits: 40 Semester: Either

Programme(s): Optional module for Environmental History, Historical Research, Modern Historiography, and Modern History Postgraduate Taught Programmes.

Description: This module explores the impact of war on modern history and the ways in which historians have studied it. Using thematically-related case-studies which range across several centuries of European history, the course will introduce students to a wide range of historiographical approaches and debates. The structure of the course is also intended to unsettle perceptions which confine 'modern' phenomena to the 19th and 20th centuries and to challenge historiographical distinctions between 'military', 'cultural' and 'political' history.

Class Hour: To be arranged.

Teaching: Two hour seminars

Assessment: Continuous Assessment = 100%

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MO5604 Key Issues in German Historiography

Credits:	40	Semester:	Either
Programme(s):	Optional module for Environmental History, Historical Research, Modern Historiography, Modern History Postgraduate Taught Programmes.		
Description:	This module is designed to engage with some of the most hotly disputed issues in German history. By focusing on three aspects central to our understanding of the development of modern Germany, students will have an opportunity to tackle some of the most sophisticated and influential writings on German history. Through the study of these controversies students will not only gain an insight into three pivotal concepts in German history but will also be exposed to most major strands in German historiography. While the ability to read German would be an advantage, it is by no means a prerequisite for this module.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminars		
Assessment:	Continuous Assessment = 100%		

MO5605 Themes in American History

Credits:	40	Semester:	Either
Programme(s):	Optional module for Environmental History, Historical Research, Modern Historiography, and Modern History Postgraduate Taught Programmes.		
Description:	This module will enable postgraduate students to tackle at a conceptually advanced level a selection of the most important issues in the history of North America, from its foundations as European colonies onwards. The module will expose students to several key debates in American historiography by focusing on a series of issues that have especially preoccupied scholars in the field.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminars		
Assessment:	Continuous Assessment = 100%		

MO5606 Perceptions of Central and Eastern Europe

Credits:	40	Semester:	Either
Programme(s):	Optional module for Environmental History, Historical Research, Modern Historiography, and Modern History Postgraduate Taught Programmes.		
Description:	Perceptions of Central and Eastern Europe are as diverse as the ethnic and cultural characteristics of the region itself, and have undergone significant transformation since the emergence of modern nationalism in the mid-nineteenth century. As the <i>Mitteleuropa</i> of German imperial aspirations gave way to the successor states of the Versailles settlement, then to Soviet-dominated Eastern Europe in a polarised Cold War continent, and, most recently, to the post-Communist “return to Europe”, the correspondingly evolving views from the periphery, from Germany and Russian, and from within the region itself offer a rich and challenging subject for advanced historical study.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminars		
Assessment:	Continuous Assessment = 100%		

MO5607 The 1960s: an International Perspective

Credits:	40	Semester:	Either
Programme(s):	Optional module for Historical Research, Modern Historiography, and Modern History Postgraduate Taught Programmes.		
Description:	This module is designed to give students a perspective on a controversial decade which is strikingly different from the conventional ‘sex, drugs and rock and roll’ approach. In addition to the usual topics of youth culture, protest, et cetera, it will concentrate on issues not specific to the United States such as decolonisation, nuclear proliferation, the space race, and environmentalism.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminars		
Assessment:	Continuous Assessment = 100%		

MO5608 Themes and Debates in Modern French History

Credits: 40 Semester: Either
Programme(s): Optional module for Historical Research, Modern Historiography, and Modern History Postgraduate Taught Programmes.
Description: This module explores key themes in French history and introduces students to some important historiographical and methodological issues. The module is intended to combine study of key individual topics such as the ancien regime, the republic and French colonialism with some more conceptual notions relating to history and memory; key formative influences on developments in French history, and the changing methodological, intellectual and ideological approaches adopted by French historians. The seminars place an emphasis on the evolution of historical writing about France, by both non-French and French historians, and where possible will allow students to read key texts in the original French.
Class Hour: To be arranged.
Teaching: Two hour seminars
Assessment: Continuous Assessment = 100%

MO5609 Directed Reading in Modern History 2

Credits: 40 Semester: 2
Programme(s): Optional module for Central & East European Studies, Environmental History, Historical Research, Modern Historiography, Modern History and Reformation Studies Postgraduate Taught Programmes.
Description: This module offers a directed reading project designed to encourage the development of skills of historical analysis through concentrated study of a topic chosen by the student. The project offers the student the opportunity to develop skills of research, analysis and presentation prior to the dissertation. As such, it will serve as a useful transition between the more structured teaching which characterises undergraduate work and the independence of postgraduate dissertations. The project will generally take the form of a bibliographical essay or primary research on a narrowly defined topic, but the guidelines are sufficiently flexible to accommodate new developments in learning and information dissemination.
Class Hour: To be arranged.
Teaching: Two hour seminars
Assessment: Continuous Assessment = 100%

MO5610 Themes in Russian 19th and 20th Century Intellectual History

Credits: 40 Semester: Either
Programme(s): Optional module for Central & East European Studies Postgraduate Taught Programme.
Description: This module serves as an introduction to Russian intellectual culture for postgraduate students taking a taught M.Litt. in Central and East European Studies. Based on a close reading of sources (in translation and/or in Russian), it analyses a number of key themes in Russian thought with reference to the socio-political contexts in which they first arose as well as their subsequent transformation in the Soviet era. The module also explores the ways in which some of the leit-motifs of pre-Revolutionary intellectual culture have more recently been recovered as a 'resource' by intellectuals and public figures in endeavors to re-articulate the 'authentic' nature of Russian culture in the aftermath of communism.
Class Hour: To be arranged.
Teaching: Fortnightly Two hour seminars
Assessment: Continuous Assessment = 100%

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MO5710 Crossing Borders: European History in Transnational Perspectives

Credits: 40 Semester: 2

Programme(s): Optional module for Modern History Postgraduate Taught Programme.

Description: This module focuses on late-modern European history and its historiography from the late-eighteenth to the late-twentieth century as well as on the inter-connection between Europe (the West) and non-European areas. Questioning the impact of the nation and nation-states as well as nation-dominated narratives, the module focuses on transnational aspects and approaches including comparative history, cultural transfers and entangled history. The module reflects on the ongoing process of the Europeanisation of Europe and the increasing interest in global history both of which challenge the writing of national as well as European history. The first three sessions are dedicated to an introduction of the main concepts and methods currently used in the field of transnational history, such as comparison and transfer. Following the introduction of approaches and methods, the module focuses on empirical examples such as the French Revolution, Europe and the Mediterranean World, Intellectuals in interwar France and Germany or the emergence of national opera houses in Western and Central Europe during the nineteenth century. Based on these empirical case studies, the module seeks to find answers on how to frame transnational history chronologically and geographically in addition to national narrative.

Class Hour: To be arranged.

Teaching: Two hour seminars

Assessment: Continuous Assessment = 100%

MO5801 Hallmarks of Modern History

Credits: 40 Semester: Whole Year

Programme(s): MO5601 or MO5801 is a compulsory module for Historical Research and Modern History Postgraduate Taught Programmes.

Description: This module examines themes in the emergence of the Western world during the centuries following the Reformation, and explores whether the concepts of modernity and modernization have historical and intellectual validity. The focus is on a number of "hallmarks" that purportedly define "Modern History" as qualitatively different from earlier ages. By tackling key issues as diverse as the emergence of the modern state, the alleged decline of religion, the nature and role of revolutions or the construction of gender roles, the course invites students to engage critically with fundamental and deep-rooted historical problems such as continuity, the normative use of concepts ("modernity"), teleology or progress. Participants in this course will be introduced to the historiography of central issues in Modern History through the study of a selected number of key texts and will also have an opportunity to employ and re-evaluate their own historical knowledge by applying it to different concepts, arguments and perspectives.

Class Hour: To be arranged.

Teaching: Two hour seminars

Assessment: Continuous Assessment = 100%

MO5935 Charles Darwin and the Politics of Progress in the Natural World

Credits: 40 Semester: Whole Year

Programme(s): Optional Module for Environmental History Postgraduate Taught Programme

Description: The nineteenth century was the self-proclaimed age of progress. Consequently, it was an age obsessed with time, an age obsessed with origins. And just as human experience – human perfectibility – had become historicised, so too had nature. Natural history had become the history of nature. Drawing upon the rich primary and secondary sources generated by the 'Darwin industry', this course examines progressive developmentalism and evolutionary theories in the nineteenth century. Specifically, it considers the religious, political and social implications of a belief in a constantly changing world, governed by natural laws.

Class Hour: To be arranged.

Teaching: Fortnightly tutorial and other teaching as appropriate.

Assessment: Continuous Assessment = 100%

RU5901 Russian for Postgraduate Studies 1

Credits: 20 Semester: Either

Prerequisite: Sufficient prior knowledge of the language to embark on the module at an appropriate level.

Anti-requisite: Enrolment as taught or research postgraduate in Modern Languages.

Programme(s) Optional module for Taught Postgraduate Programmes outwith Modern Languages

RU5902 Russian for Postgraduate Studies 2

Credits: 20 Semester: 2
Prerequisite: Sufficient prior knowledge of the language to embark on the module at an appropriate level.
Anti-requisite: Enrolment as taught or research postgraduate in Modern Languages.
Programme(s): Taught Postgraduate Programmes outwith Modern Languages

SC5051 People and Identities in Scotland

Credits: 40 Semester: Whole Year
Programme(s): Compulsory module for Scottish Historical Studies Postgraduate Taught Programme.
Description: Until recently, Scottish history was conceived and written almost exclusively as the history of the 'nation' and ideas of 'nationhood' and 'national identity' were the main categories used to define the scope and limits of the subject. However, modern scholarship has questioned and in many cases discarded the conceptual framework of nationhood as either unduly restrictive or anachronistic or both. In its place there has developed a more sophisticated understanding of the complex nature and development of the people – or peoples – who call themselves Scots and of their multiple and often conflicting identities. The purpose of this module is to explore these identities as they developed over time in the broader context of British, imperial and global history. By focusing on specific phases and episodes in Scottish history, students will be made aware of the inadequacy of the discourse of 'nationhood' when applied to pre-modern times and alerted instead to the significance of other forms of collective identity, whether based on geography, ethnicity, religion, class or gender, and of the Scots' historically varied and often ambivalent understanding of who and what they were.
Class Hour: To be arranged.
Teaching: Fortnightly tutorial
Assessment: Continuous Assessment = 100%

SC5052 Directed Reading in Scottish History

Credits: 40 Semester: Either
Programme(s): Compulsory module for Scottish Historical Studies Postgraduate Taught Programme.
Description: A directed reading project designed to encourage the development of skills of historical analysis through concentrated study of a topic chosen by the student. The project offers the student the opportunity to develop skills of research, analysis and presentation prior to the dissertation. As such, it will serve as a useful transition between the more structured teaching which characterises undergraduate work and the independence of postgraduate dissertations. The project will generally take the form of a bibliographical essay or primary research on a narrowly defined topic, but the guidelines are sufficiently flexible to accommodate new developments in learning and information dissemination.
Class Hour: To be arranged.
Teaching: Fortnightly tutorial
Assessment: Continuous Assessment = 100%

SC5099 Dissertation for M.Litt. Programme/s

Credits: 60
Prerequisite: An average grade of at least 13.5 in course work.
Programme(s): Compulsory module for Scottish Historical Studies M.Litt. Postgraduate Programmes.
Description: Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour: At times to be arranged with the supervisor
Teaching: Individual Supervision
Assessment: Dissertation = 100%

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SC5201 Religion and Identity in Early Modern Britain

Credits: 40 Semester: Either
Programme(s): Optional module for Scottish Historical Studies or Reformation Studies Postgraduate Taught Programme.

Description: The purpose of this module is to explore the significance of the Reformation in reshaping the ways in which Scots and Englishmen perceived themselves as members of distinct Protestant churches and communities in the sixteenth and seventeenth centuries and the extent to which such self-definitions promoted or challenged ideas of British religious unity and integration. It thus examines the emergence of separate ecclesiastical structures and identities in the decades before the Anglo-Scottish union of 1603 and the religious conflicts that arose from the Stuart monarchy's subsequent attempts to impose a highly contested understanding of British ecclesiastical conformity on their Scottish and English kingdoms.

Class Hour: To be arranged.
Teaching: Two hour seminar
Assessment: Continuous Assessment = 100%

SC5202 Living with the Lion: Themes in the Study of Mediaeval Scotland

Credits: 40 Semester: Either
Programme(s): Optional module for Mediaeval History or Scottish Historical Studies Postgraduate Taught Programme.

Description: This module explores key themes and texts in the study of mediaeval Scotland, particularly concerning elite culture and the power structures of the kingdom. This module will enable postgraduate students to develop conceptually advanced ideas about the mediaeval kingdom, as well as gain essential skills in comprehension, source criticism and methodology. In addition to this, the module will expose students to major and pivotal debates in Scottish historiography by directing students to consider issues that have preoccupied scholars in this field.

Class Hour: To be arranged.
Teaching: Two hour seminar
Assessment: Continuous Assessment = 100%

SC5203 Building Britain: The Construction & Deconstruction of Britishness since 1707

Credits: 40 Semester: Either
Programme(s): Optional module for Modern History or Scottish Historical Studies Postgraduate Taught Programme.

Description: This module explores the concept of 'Britishness', its construction and deconstruction, from 1707 - 2000. The module is intended to combine the study of key individual topics such as the Growth and Decline of Britain's Empire, the two World Wars, The Welfare State etc with a more conceptual notion - the construction of British national identity. It will combine political, social, economic and cultural history and will introduce students to key debates in British historiography.

Class Hour: To be arranged.
Teaching: Two hour seminar
Assessment: Continuous Assessment = 100%

SP5901 Spanish for Postgraduate Studies 1

Credits: 20 Semester: Either
Prerequisite: Sufficient prior knowledge of the language to embark on the module at an appropriate level.
Anti-requisite: Enrolment as taught or research postgraduate in Modern Languages.
Programme(s): Optional module for Taught Postgraduate Programmes outwith Modern Languages

SP5902 Spanish for Postgraduate Studies 2

Credits: 20 Semester: 2
Prerequisite: Sufficient prior knowledge of the language to embark on the module at an appropriate level.
Anti-requisite: Enrolment as taught or research postgraduate in Modern Languages.
Programme(s): Taught Postgraduate Programmes outwith Modern Languages

InterDisciplinary Modules

ID5005 Enterprise, Creativity and Innovation (10)

Credits: 10 Semester: 1

Programme(s): ID5005 is a **Compulsory module** for M.Res. in Environmental Biology, M.Res. and in Environmental Biology Conversion for Mathematical, Physical and Molecular Sciences Postgraduate Taught Programmes.

Optionally available to all Postgraduate Taught Programmes, subject to approval of Course Director/Coordinator within individual Schools.

Description: In this module students will acquire a critical understanding of the concepts and theories that help to understand enterprise and the processes of entrepreneurship and leadership. Through these two elements students will enhance their ability to generate ideas through creative thinking and cognitive-mapping as well as understand the significance and protection of intellectual property rights. This will enable them to better instigate, facilitate and practice in a rigorous approach to entrepreneurship and executive creativity. Teaching media will include formal lectures, case study analysis, team-based workgroups and visiting speakers.

Class Hour: 2.00 – 5.00 pm Wednesday.

Teaching: One lecture and one seminar per week over 7 weeks.

Assessment: Continuous Assessment = 100%

ID5010 Geographic Information Systems for Social Research

Credits: 15 Semester: 1

Prerequisite: A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated

Anti-requisite: GE5005, ID5011, ID5012

Programme(s): Optional module for Health Geography Research Taught Programme

Description: This module provides an introduction to Geographic Information systems and their use in health (and related) problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of health examples will be given.

Class Hour: To be arranged.

Teaching: Lectures, practicals and occasional tutorials.

Assessment: Continuous Assessment = 50%, Short Project = 50%

InterDisciplinary Modules – 5000 Level Modules 2010/11 – August 2010

ID5011 Geographic Information Systems for Environmental Management

Credits:	15	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5010, ID5012		
Programme(s):	Optional module for Environmental Biology, Mathematics & Statistics, Economics, Management and Environmental History Taught Postgraduate Programmes.		
Description:	This module provides an introduction to Geographic Information systems and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final, short individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of environmental examples will be given. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth and environmental science, biology, archaeology, and mathematics.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 50%, Short Project = 50%		

ID5012 Advanced Geographic Information Systems

Credits:	20	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5010, ID5011		
Programme(s):	Optional module for M.Res. in Environmental Biology Taught Postgraduate Programmes.		
Description:	This module provides an advanced training in Geographic Information Systems (GIS) and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes with emphasis on a final independent GIS project. The module will begin with an introduction to data storage and manipulation, basic analysis of 2D and 3D spatial digital data and methods of display and will conclude with database design and more advanced data analysis using ArcGIS. Assessment will be based on the class exercises and the final project. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth science, biology, economics and management and mathematics.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 40%, Individual Project = 60%		

InterDisciplinary Modules – 5000 Level Modules 2010/11 – August 2010

ID5101 Introduction to University Teaching 1: Supporting Student Learning

Credits:	10	Semester:	Either
Prerequisite:	Mandatory PG tutor/demonstrator training (for PG applicants)		
Co-requisite:	Must be tutoring, demonstrating or lecturing in the same semester (this is a practice-based module)		
Programme(s):	Stand Alone Professional Development Module - Cannot be used as a module option for any degree programmes.		

Description: This module is aimed at postgraduate tutor/demonstrators and new academic staff without significant teaching experience. In a series of interactive workshops we consider issues of importance for those who are supporting student learning at university. We explore learning theories, reflective practice, equality and diversity, internationalization, effective lecturing and how technology can enhance learning in various contexts. This module is collaboratively taught by SALTIRE staff and academic and support colleagues from various Schools and Units. Successful completion of this module leads to Associate Fellowship of the Higher Education Academy.

Class Hour:	To be arranged.
Teaching:	Lectures, practicals and tutorials.
Assessment:	Continuous Assessment = 100%

ID5102 Introduction to University Teaching 2: Curriculum Design and Assessment

Credits:	10	Semester:	Either
Prerequisite:	Mandatory PG tutor/demonstrator training (for PG applicants), ID5101 (may be taken concurrently)		
Co-requisite:	Must be tutoring, demonstrating or lecturing in the same semester (this is a practice-based module)		
Programme(s):	Stand Alone Professional Development Module - Cannot be used as a module option for any degree programmes.		

Description: This module is aimed at postgraduate tutor/demonstrators and new academic staff without significant teaching experience. In a series of interactive workshops we consider issues of importance for those who are supporting student learning at university. We explore curriculum design (including constructive alignment) and principles of assessment and effective feedback, including how technology can be used to provide feedback. This module is collaboratively taught by SALTIRE staff and academic and support colleagues from various Schools and Units. Successful completion of this module leads to Associate Fellowship of the Higher Education Academy.

Class Hour:	To be arranged.
Teaching:	Lectures, practicals and tutorials.
Assessment:	Continuous Assessment = 100%

SS5101 Being a Social Scientist: Skills, Processes and Outcomes

Credits:	15	Semester:	1
Programme(s):	Compulsory module for various M.Res. Programmes.		
Description:	This module focuses on developing students' specific research thinking and writing skills in a practically based way. Thus, the module will address the nature of being a research social scientist including exploring some of the ethical issues involved. The module will also consider selecting suitable research questions and framing these as appropriate for Masters and Ph.D. dissertations.		
Class Hour:	To be arranged		
Teaching:	3 hour lecture, fortnightly		
Assessment:	Continuous Assessment = 100%		

InterDisciplinary Modules – 5000 Level Modules 2010/11 – August 2010

SS5102 Philosophy and Methodology of the Social Sciences

Credits: 15 Semester: 2

Programme(s): Compulsory module for various M.Res. Programmes

Description: Beginning with a discussion of the evolution of the social sciences, this module addresses central philosophical questions of social science including discussion of epistemological and methodological aspects of positivism and interpretivism.

Class Hour: 10.00 am - 12.00 noon Friday.

Teaching: Details to follow.

Assessment: Continuous Assessment = 100%

SS5103 Qualitative methods in Social Research

Credits: 15 Semester: 2

Programme(s): Compulsory module for various M.Res. Programmes

Description: This module offers both a theoretical and practical introduction to qualitative research. The diversity of the approaches to qualitative research will be addressed but the focus of the module is primarily practical necessitating the active participation of students.

Class Hour: To be arranged

Teaching: 2 hour, weekly

Assessment: Continuous Assessment = 100%

SS5104 Quantitative Research in Social Science

Credits: 15 Semester: 1

Programme(s): Compulsory module for various M.Res. Programmes

Description: This module will cover basic concepts and approaches to quantitative research in the social sciences in order to provide students with the basic quantitative tools for collecting, organising and analysing data.

Class Hour: To be arranged

Teaching: Details to follow

Assessment: Continuous Assessment = 100%

School of International Relations

Head of School

Professor J P Anderson

Taught Programmes

Postgraduate Diploma:

International Political Theory
International Security Studies
Middle Eastern & Central Asian Security Studies
Peace and Conflict Studies
Terrorism Studies Full-time (residential and distance learning)
Terrorism Studies Part-time (distance learning)

M.Litt.:

International Political Theory
International Security Studies
Middle Eastern & Central Asian Security Studies
Peace and Conflict Studies
Terrorism Studies Full-time (residential and distance learning)
Terrorism Studies Part-time (distance learning)

M.Phil.:

International Political Theory
International Security Studies
Middle Eastern & Central Asian Security Studies
Peace and Conflict Studies

M.Res.:

International Relations

Programme Requirements

International Political Theory

Postgraduate Diploma:

IR5401, IR5402 and a further 60 credits from, IR5403- IR5410, IR5007, IR5024, IR5029, IR5034, IR5036, IR5038, IR5039, IR5107, IR5502, IR5525

M.Litt.:

120 credits as for Postgraduate Diploma plus IR5099

M.Phil.:

120 credits as for Postgraduate Diploma, IR5601, plus a thesis of not more than 40,000 words.

International Relations

M.Res.:

SS5101 – SS5104, IR5601, IR5602, one of IR5651, IR5603, IR5604 or IR5605 plus a dissertation (IR5699)

International Security Studies

Postgraduate Diploma:

60 credits from IR5001 & IR5003, and 60 credits from IR5004, IR5007, IR5017 - IR5038, IR5502 - IR5525

Postgraduate Diploma:

60 credits from IR5001 -IR5003, and 60 credits from IR5007, IR5029, IR5036, IR5038, IR5039, IR5406, IR5502, IR5510, IR5525

M.Litt.:

120 credits as for Postgraduate Diploma plus IR5099

M.Phil.:

120 credits as for Postgraduate Diploma, IR5601, plus a thesis of not more than 40,000 words.

International Relations – 5000 Level Modules 2010/11 – August 2010

Middle Eastern & Central Asian Security Studies

Postgraduate Diploma:	First Semester, all students normally take IR5510 and IR5520. Second Semester, all students normally take IR5501, plus an option chosen from the following: IR5015, IR5029, IR5502, IR5518, IR5519, IR5522, IR5523 or MH5111.
M.Litt.	120 credits for Postgraduate Diploma plus IR5099
M.Phil.:	120 credits as for Postgraduate Diploma, IR5601, plus a thesis of not more than 40,000 words.

Middle Eastern & Central Asian Security Studies (Language)

Postgraduate Diploma:	First Semester, all students normally take IR5510, IR5520 and a language (chosen from <i>either</i> AR5237, AR5023, IR5530 - IR5531 <i>or</i> MH5110. (Language modules continue second semester). Second Semester, all students normally take IR5501. Language modules continue semester 2 NOTE: Students may take no more than 40 credits of language training.
M.Litt.	120 credits for Postgraduate Diploma plus IR5099
M.Phil.:	120 credits as for Postgraduate Diploma, IR5601, plus a thesis of not more than 40,000 words.

Peace and Conflict Studies

Postgraduate Diploma:	All students take IR5151, IR5701 and IR5702 and one optional module chosen from IR5518 and IR5721 - IR5729
M.Litt.	120 credits for Postgraduate Diploma plus IR5099
M.Phil.:	120 credits as for Postgraduate Diploma, IR5601, plus a thesis of not more than 40,000 words.

Terrorism Studies

Postgraduate Diploma:	120 credits, 60 from IR5901 - IR5919, and 60 credits from IR5920 - IR5950
M.Litt.	120 credits for Postgraduate Diploma plus IR5999

Modules

IR5001 International Security

Credits:	30	Semester:	1
Programme(s):	Compulsory module for International Security Studies Postgraduate Taught Programme.		
Description:	This module considers various schools of thought which have dominated twentieth-century thinking about international relations and international security which constitute in part competing, and in part complementary theoretical explanations. Each approach is considered in the context of leading authors and is illustrated by reference to important current issues.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5003 Regional Security

Credits: 30 Semester: 1

Programme(s): Compulsory module for International Security Studies Postgraduate Taught Programme

Description: This module explores security in a regional context, building critically on the theoretical work of Barry Buzan and Ole Waever. Following an introduction to the idea of a regional security complex, the module looks at a variety of regions, including Asia, Africa, the post-Soviet space, and Europe. Attention is also paid to the USA, less as a region than as a state that has a security involvement in all the main regions covered.

Class Hour: To be arranged

Teaching: One lecture, one tutorial

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IR5007 Terrorism and Liberal Democracy

Credits: 30 Semester: 2

Programme(s): Compulsory module for International Security Studies Postgraduate Taught Programme.

Description: This module will deal with: conceptual and definitional problems and theories and doctrines of terrorism; the relationship of terrorism to other forms of violence; origin and development of contemporary international terrorism; the efficacy of terrorism as a political weapon; dilemmas of liberal democratic responses. Analysis of trends in international terrorism and international response are all addressed within the syllabus.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IR5017 The United Nations and Global Governance

Credits: 30 Semester: 2

Programme(s): Optional module for International Security Studies Postgraduate Taught Programme.

Description: This module explains the post-Cold War evolution of the United Nations and its system of related agencies and programmes. It is primarily concerned with changes in the post-cold war conceptualization of collective security and peacekeeping / peacemaking responsibilities. The continuing debate and proposals for structural reform of the United Nations system will be addressed within the larger theoretical debate concerning the future of multilateralism. The contested approaches to reform serve to illustrate the likely future directions of global governance viewed from various schools – liberal, realist, critical and cosmopolitan.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IR5024 Asian Security and the United States

Credits: 30 Semester: 2

Programme(s): Optional module for International Security Studies Postgraduate Taught Programme.

Description: With its enormous populations, ambitions and animosities, Asia's security is already a central preoccupation in global politics. This module examines the security cultures, practices and objectives of China, India and Japan, their interrelations, and the involvement of the United States in East and South Asian security affairs. The Indian nuclear tests, economic setbacks, and the increasingly confrontational relationship between China and the US suggest that post-Cold War hopes for cooperative security in Asia are diminishing. The module will also examine the conflicts over Kashmir, Korea and Taiwan and the reasons why they have proved so intractable. How Asian security relations are affecting, and being affected by, changing US security strategies will be an important questing in the module.

Class Hour: To be arranged.

Teaching: One lecture and one tutorial

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5026 Ethics and the Use of Force

Credits:	30	Semester:	2
Availability:	Not available 2010-11		
Programme(s):	Optional module for International Security Studies and International Political Theory Postgraduate Taught Programmes.		
Description:	This module will examine various ethical issues surrounding the use of military force at the global level. It will argue that ethics can both enable and restrain the use of force. It will introduce students to religious, philosophical, legal and ideological strains of thought.		
Class Hour:	To be arranged.		
Teaching:	One 2 Hour seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

IR5029 Conflict and Peace in Post-communist Eurasia

Credits:	30	Semester:	2
Programme(s):	Optional module for International Security Studies, Middle Eastern and Central Asian Security Studies Postgraduate Taught Programmes.		
Description:	This module examines where and why conflicts have arisen in post-communist space, Eurasia, particularly in the Balkans, Caucasus and Central Asia, and the contrasting forms these conflicts have taken. It also considers cases that were expected to but did not explode into violence, as well as ones where preventive measures appear to have succeeded. It gives comparative attention to the roles of major states, intergovernmental organizations and non-governmental organizations have played in moderating, preventing and resolving these conflicts, and considers alternative scenarios.		
Class Hour:	To be arranged.		
Teaching:	One 2 Hour seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

IR5034 Political Communities, Political Violence

Credits:	30	Semester:	2
Programme(s):	Optional module for International Security Studies Postgraduate Taught Programme.		
Description:	Theories of international relations, security and terrorism often take political community, as embodied in the state, for granted. This view has been problemised since the end of the Cold War, not least by processes of globalization, which have eroded the sovereignty of states, and with the emergence of wars focusing on a range of non-state actors. The purpose of this module is to raise questions about the factors that contribute to the consolidation of political community and the role of violence in its constitution. How do large numbers of people, many of whom will never meet, come to understand themselves as belong to the same political community? What are the factors that contribute to a willingness to sacrifice human life on behalf of political community? This module draws on an interdisciplinary literature, from psychology, sociology, history, anthropology, politics and international relations, to grapple with these questions.		
Class Hour:	To be arranged.		
Teaching:	One 2 Hour seminar.		
Assessment:	Continuous Assessment = 100%		

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5036 Critical Security Studies

Credits: 30 Semester: 2

Programme(s): Optional module for International Security Studies Postgraduate Taught Programme.

Description: This module will examine the challenge to traditional conceptions of security presented by the emergence of Critical Security Studies since the end of the Cold War. Students will explore what it means to study the concept and practice of security from a critical perspective. They will examine the various theoretical traditions that have informed critical security studies and the methodological implications for the analysis of different types of security contexts, ranging from alliance relations, terrorism, the environment, migration, famine, etc.

Class Hour: To be arranged.

Teaching: One 2 Hour seminar.

Assessment: Continuous Assessment (weekly Journal -5000 words total) = 50%, 2 Hour Examination = 50%

IR5038 International Politics of Nuclear Weapons

Credits: 30 Semester: 2

Programme(s): Optional module for International Security Studies Postgraduate Taught Programme.

Description: The module will introduce Masters students to the troubled international politics of nuclear weapons. They will gain knowledge of the history of deterrent relations and non-proliferation policy whilst considering the relevance of theories of international relations for its interpretation. This will provide background to assessments of contemporary problems in international nuclear relations of a generic nature (e.g. regulating the diffusion of technology) and specific nature (e.g. Iran). The module will give particular attention to the issue of complete nuclear disarmament: the reasons for its re-emergence, its pitfalls, the obstacles to its attainment, and the innovations that would be required to give confidence to its irreversibility.

Class Hour: To be arranged.

Teaching: One 2 Hour seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IR5039 Political Economy in Conflict

Credits: 30 Semester: 2

Programme(s): Optional module for International Security Studies, Peace and Conflict Studies and other Postgraduate Taught Programmes within the School.

Description: This module provides a political economy perspective on conflict in a developing economy, introducing concepts and theoretical approaches of political economy and their application to situations involving conflict and violence. Economic arguments for a 'resource curse' and the explanatory binary of 'greed versus grievance' are interrogated and challenged for the absence of political, hence political economic, contextualisation and analysis. The complex network of commodities and goods traded between developed and developing economies are explored through a series of case studies and the increased securitisation of development in the 21st century is examined.

Class Hour: To be arranged.

Teaching: One 2 Hour seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5099 Dissertation for M.Litt. Programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Compulsory module for International Political Theory, International Security Studies, Middle Eastern & Central Asian Security Studies and Peace and Conflict Studies M.Litt. Postgraduate Programmes
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

IR5151 Issues in Peace and Conflict

Credits:	30	Semester:	1
Programme(s):	Compulsory module Peace and Conflict Studies Postgraduate Taught Programme.		
Description:	This module focuses on issues surrounding the theorisation(s) of security and conflict, against the backdrop of an emerging globalization. The module highlights the centrality of the relationship between theory, security and conflict, whilst key questions pertaining to peace and conflict are rigorously examined.		
Class Hour:	To be arranged.		
Teaching:	One lecture and one seminar.		
Assessment:	Continuous Assessment = 50%, Three Hour Examination = 50%		

IR5217 International Relations of the Middle East

Credits:	40	Semester:	1
Anti-requisite:	IR5520		
Programme(s):	Optional module for Middle Eastern History and Culture Postgraduate Taught Programme.		
Description:	This module examines Middle East international relations, with a special concern for the following topics: 1) the special character of the Middle East state system; 2) the foreign policies of Middle East states; 3) typical regional patterns of conflict and order. The module has two objectives: 1) to provide students with some expertise in the main issues and conflicts of international politics in the Middle East area (it assumes no prior expertise); 2) to give students experience in applying concepts of international relations to concrete cases in a particular cultural area.		
Class Hour:	To be arranged.		
Teaching:	One 2 hour seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

IR5229 Conflict and Peace in Post-communist Eurasia

Credits:	40	Semester:	2
Programme(s):	Optional module for Central and East European Studies Postgraduate Taught Programme.		
Description:	This module examines where and why conflicts have arisen in post-communist space, Eurasia, particularly in the Balkans, Caucasus, and Central Asia, and the contrasting forms these conflicts have taken. It also considers cases that were expected to but did not explode into violence, as well as ones where preventive measures appear to have succeeded. It gives comparative attention to the roles of major states, intergovernmental organizations and non-governmental organizations have played in moderating, preventing and resolving these conflicts, and considers alternative scenarios.		
Class Hour:	To be arranged.		
Teaching:	One 2 hour seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5401 Texts in International Political Theory

Credits: 30 Semester: 1

Programme(s): Compulsory module for International Political Theory Postgraduate Taught Programme.

Description: This module begins by examining the concept of ‘international theory’ as it has developed within International Relations since 1945 and introduces students to the broader idea of international political thought. The main body of the module consists of close readings and analysis of classic texts in the field, ranging from Hobbes’ *Leviathan* and Burke’s *Letters on a Regicidal Peace* to Waltz’s *Man, the State and War* and Rawls’ *Law of Peoples*.

Class Hour: To be arranged.

Teaching: Two hour seminars.

Assessment: Continuous Assessment = 100%

IR5402 Analysis and Interpretation in International Political Thought

Credits: 30 Semester: 2

Co-requisites: IR5401

Description: This module introduces students to the methods and interpretive approaches that can be taken in the study of international political theory. It surveys a range of approaches to critical analysis, each examined through the work of prominent representatives, and considers questions regarding the conceptual, historical and normative interpretation of political theory texts.

Class Hour: To be arranged.

Teaching: Two hour seminars.

Assessment: Continuous Assessment = 100%

IR5403 Political Philosophy and World Order

Credits: 30 Semester: 2

Availability: Not available 2010-11

Programme(s): Optional module for International Political Thought and International Security Studies Postgraduate Taught Programmes.

Description: This module discusses philosophical reflections on the idea of world order through a study of certain key texts of political philosophy, selected each year from an approved list. This will consist of some Roman and Greek texts (e.g. Thucydides, *History*, Lucretius *De Rerum Natura*) some medieval Christian texts (e.g. Augustine, *De Civitate Dei*, Dante, *De Monarchia*), some modern texts (e.g. Hegel, *Philosophy of History*) and some twentieth century texts (for example, Voegelin, *Order and History*, Santayana, *Dominations and Powers*). These texts would be bracketed by a general methodological and philosophical introduction and a concluding discussion of the implications of these readings.

Class Hour: To be arranged.

Teaching: Two hour seminars.

Assessment: Continuous Assessment = 100%

IR5406 Theories of Friendship and Enmity

Credits: 30 Semester: 1

Programme(s): Optional module for International Political Thought Postgraduate Taught Programme.

Description: This module addresses a number of classical texts in western political thought on the themes of friendship and enmity. Its main aim is to alert students to the link between different notions of enmity and friendship on the one hand and different understanding of the political on the other hand. Relevant passages from Plato’s *Republic*, Aristotle’s *Politics* and *Ethics*, Machiavelli’s *Prince* and *Discourses*, Hobbes’ *Leviathan* and *Behemoth*, Kant’s *Perpetual Peace*, Schmitt’s *Concept of the Political* and *The Crisis of Parliamentary Democracy* and Derrida’s *Politics of Friendship* will be analysed in some depth with the aim to single out their assumptions about human nature and to derive their implications for politics.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5408 Global Constitutionalism

Credits: 30 Semester: 2

Programme(s): Optional module for International Political Theory Postgraduate Taught Programme.

Description: This module will explore the role of constitutional thinking at the global level. It will allow students to read theorists of constitutional thought - ancient, mediaeval and modern - in light of increasing demands for the rule of law at the global level. The module will explore specific thinkers and key themes in the area of constitutionalism. The module will draw upon legal theory and international law as well as broader themes in international political theory.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IR5501 Core in Middle East & Central Asian Security Studies

Credits: 30 Semester: 2

Programme(s): Compulsory module for Middle East & Central Asian Security Studies Postgraduate Taught Programme.

Description: This module focuses on major themes in the study of international security and applies them to the study of the Middle East and Central Asia. These addressed may include war and political violence, nationalism and ethnic conflict, arms control and nuclear proliferation, democratization and theories of globalization as they impact on the region (e.g. clash of civilizations).

Class Hour: To be arranged.

Teaching: One lecture and one seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IR5502 Global & Transnational Islamism

Credits: 30 Semester: 2

Programme(s): Optional module for Middle Eastern & Central Asian Security Studies Postgraduate Taught Programme.

Description: This module examines the causes and the patterns of diffusion of Islamism in the core regions of the Muslim world and beyond. It aims to describe the key features of this essentially trans-national phenomenon, its influence on national and regional politics as well as on international relations. It describes the specificity of Islamism as a global political ideology and its evolution and influence on the pro-Islamic movements across the Muslim world. It focuses on the relationship between Islamic movements and state, and between Islamic movements and civil society within the context of political liberalisation and pluralism. The liberal and scriptural interpretations that dominate contemporary debates will be examined in relation to the local, national, regional and global context of contemporary international politics. Of particular relevance are the issues of the compatibility of Islamism and democracy, of Islamism and state power, of Islamism and liberal-democracy, and of the Western representation of Islamism as a global security threat.

Class Hour: To be arranged.

Teaching: One 2 Hour seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IR5510 Central Asia in Global Politics

Credits: 30 Semester: 1

Programme(s): Compulsory module for Middle Eastern & Central Asian Security Studies Postgraduate Taught Programme

Description: Dramatically and unexpectedly, Central Asia was thrust to independence in 1991. Of all the Soviet republics, the five of Central Asia – Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan – had been the largest net recipients of Soviet aid, had benefited most economically from the Soviet Union and had thus been the most reluctant to break from the Soviet empire. Once the path of independence was followed, each of these five states faced considerable ethnic, state, economic, social and foreign policy challenges. This course aims to analyse these nation- and state-building agendas, seeking to address critically some of the now widely held assumptions about this post-Soviet area. Moreover, located in one of the world's most strategic zones, between Russia, China and a troubled Middle East, Central Asia relies on its substantial human and natural resources in the renegotiation of its geopolitical status.

Class Hour: To be arranged.

Teaching: One lecture and one tutorial.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IR5520 International Relations of the Modern Middle East

Credits: 30 Semester: 1

Anti-requisite: IR5217

Programme(s): Compulsory module for Middle Eastern & Central Asian Security Studies Postgraduate Taught Programmes.

Description: This module examines the arena of Middle East international relations by looking at the formation of the Middle East regional system, its special characteristics, and the impact on it of the global system. It also looks at the foreign policy process inside Middle East states through a comparative case study approach, including studies of the Arab oil monarchies (such as Saudi Arabia), the Arab authoritarian republics (Egypt, Syria and Iraq), Israel, Iran and Turkey. Finally the patterns of regional conflict and order which result from state behaviour are examined.

Class Hour: To be arranged.

Teaching: One lecture and one seminar per week and one tutorial per fortnight.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IR5525 The Arab-Israeli Conflict Past & Present

Credits: 30 Semester: 2

Programme(s): Optional module for Middle Eastern & Central Asian Security Studies Postgraduate Taught Programmes.

Description: Why has the conflict between Israel, the Palestinians and the wider Arab world proved so intractable? What is the nature of its historical development and how we understand its causes? In this module, a thorough overview of regional, historical and legal perspectives from the Mandate period to the present will provide the student with a thorough grounding in the conflict. An understanding of this project is crucial for broader studies of the region and therefore complements the MECASS programme.

Class Hour: To be arranged.

Teaching: One 2 hour seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5530 Introductory Uzbek

Credits:	15	Semester:	1
Anti-requisites:	No native speakers and no previous qualifications in the subject. A maximum of 2 modules work no more than 40 credits in total.		
Programme(s):	Optional module for Middle Eastern & Central Asian Security Studies Postgraduate Taught Programmes.		
Description:	This module provides an introduction to spoken and written literary Uzbek for postgraduate students in social sciences who intend to apply their language skills for research purposes. The module introduces the students to vital vocabulary, grammar and linguistic practicalities and conventions of modern Uzbek. The module is also designed thematically with texts, dialogues and exercises giving the students the insight into the contemporary culture and social meanings of the language use.		
Class Hour:	To be arranged.		
Teaching:	Three tutorials.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

IR5531 Intermediate Uzbek

Credits:	15	Semester:	2
Anti-requisites:	No native speakers and no previous qualifications in the subject. A maximum of 2 modules work no more than 40 credits in total.		
Programme(s):	Optional module for Middle Eastern & Central Asian Security Studies Postgraduate Taught Programmes.		
Description:	This module provides intermediate level instruction in spoken and written literary Uzbek for postgraduate students in social sciences who intend to apply their language skills for research purposes. The module introduces the students to vital vocabulary, grammar and linguistic practicalities and conventions of modern Uzbek. The module is also designed thematically with texts, dialogues and exercises giving the students the insight into the contemporary culture and social meanings of the language use.		
Class Hour:	To be arranged.		
Teaching:	Three tutorials.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

IR5601 Research Methods in International Relations

Credits:	30	Semester:	1
Programme(s):	Compulsory module for the completion of the M.Res., Ph.D. and M.Phil. programmes.		
Description:	This is a required course for all M.Res., Ph.D. and M.Phil. students in the School of International Relations. It is designed to assist students in understanding the purpose and approaches of international relations scholarship, and to assist them in developing and carrying out their research. As such, it addresses a range of topics, from the history and philosophy of the social sciences to specific research methods.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 100%		

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5602 International Relations: Philosophical and Historical Debates

Credits: 15 Semester: 2

Programme(s): Compulsory module for the completion of the M.Res. in International Relations programme.

Description: This module examines some of the most important philosophical and methodological debates that have shaped the way we think about and study international relations. It is not a module looking at philosophical issues in the social sciences (see SS5102) nor is it one detailing the current methodological debates prominent in IR theory (for this see IR5601). Rather it is an attempt to give some general philosophical and historical background to both these sets of debates as they relate to the field of international relations.

Class Hour: To be arranged.

Teaching: Eight 2 hour seminars over the semester.

Assessment: Continuous Assessment = 100%

IR5603 Texts in International Political Theory - for M.Res. in International Relations

Credits: 15 Semester: 1

Programme(s): Optional module for M.Res. in International Relations

Description: This module begins by examining the concept of 'international theory' as it has developed within International Relations since 1945 and introduces students to the broader idea of international political thought. The main body of the module consists of close readings and analysis of classic texts in the field, ranging from Hobbes' *Leviathan* and Burke's *Letters on a Regicidal Peace* to Waltz's *Man, the State and War* and Rawls' *Law of Peoples*.

Class Hour: To be arranged.

Teaching: Two hour seminar

Assessment: Continuous Assessment = 100%

IR5604 Core in Middle Eastern and Central Asian Security Studies – for M.Res. in International Relations

Credits: 15 Semester: 2

Programme(s): Optional module for M.Res. in International Relations

Description: This module applies theories and concepts to the study of the region of the Middle East and Central Asia. Key theories and themes covered include: the application of realism, neorealism, intrastate conflict, intervention and new security threats in the region; and the situation of the region in global politics and processes.

Class Hour: To be arranged.

Teaching: One-and-a-half hour seminar and one lecture.

Assessment: Continuous Assessment = 100%

IR5605 Core in International Security Studies – for M.Res. in International Relations

Credits: 15 Semester: 1

Programme(s): Optional module for M.Res. in International Relations

Description: This module considers competing schools of thought that have dominated twentieth century thinking about international relations and international security. In lectures these various theoretical approaches are explored through the treatment of key themes. The core thus encourages students to think both theoretically and empirically about the region as they will be encouraged to do in their optional modules.

Class Hour: To be arranged.

Teaching: One-and-a-half hour seminars

Assessment: Continuous Assessment = 100%

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5699 Dissertation for M.Res. Programme/s

Credits: 60

Prerequisite: An average grade of at least 13.5 in core and option module assessments

Programme(s): Compulsory module for M.Res. in International Relations

Description: This module provides students with the opportunity to undertake an in-depth investigation into issues within the field of International Relations and to prepare a 15,000 word (approximately) project detailing justified conclusions and recommendations (as appropriate). The module is a core element of the M.Res in International Relations and is available only to students who achieve an average assessment grade of 14 or above in the core modules and in 1 or 2 option modules from a range of 15 and 30 credit modules. Supervision of the dissertation is also provided.

Class Hour: At times to be arranged with the supervisor

Teaching: Individual Supervision

Assessment: Dissertation = 100%

IR5701 Theories of Peace and Conflict

Credits: 30 Semester: 1

Programme(s): Compulsory module for the Peace and Conflict Studies Postgraduate Taught Programme.

Description: This core module examines how and why peace and conflict are both theorised from a number of different perspectives and with different agendas. Understanding the nature of conflict and its key issue areas, both in the Cold War and post Cold War system provides vital insights into both the changing nature of the international system, and into the development of both civil and international society. While peace is rarely explicitly theorised there is an enormous state and non-state mechanism through which peace is installed in conflict zones, often deploying measured force in this cause. Yet, an examination of the key methods which have been used to address conflict highlights their inadequacies. This module begins with an interdisciplinary analysis of the nature of conflict in international politics and covers various analytical models that have been developed, including positivist, structural, and philosophical approaches to the problem of objective causes of conflict (state-interests, territory, sovereignty, development and resources), and its subjective causes (claims for identity, culture and ethnicity, and representation). The course then turns to a critical survey of the various approaches that have emerged for constructing peace, including peacekeeping, 'high level' and 'track II' approaches, and the more sophisticated variants developed since the end of the Cold War. The final part of the course examines how our understanding, and attempts to manage, conflict, may reproduce institutional and hegemonic practices as if they were 'peace'.

Class Hour: To be arranged.

Teaching: Two hour seminars

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

IR5702 Case Studies in Conflict and Field Work Component

Credits: 30 Semester: 2

Programme(s): Compulsory module for the Peace and Conflict Studies Postgraduate Taught Programme.

Description: This core module provides students with an opportunity to work on case studies in conflict analysis, in which they develop the skills required to analyse the roots, dynamics, key actors and issues-areas in specific conflicts. They will deploy the theoretical frameworks contained within peace and conflict analysis about definitions of conflict, perceptions, historical interpretations, political, social, cultural and economic dynamics, initiation and escalation, and then will be asked to choose and investigate a particular case study according to the different analytical frameworks associated with conflict analysis. Problems associated with researching conflict and violence will also be tackled. This will provide the basis for each student to engage in a detailed case study, chosen from a specific list of key cases.

This module incorporates a Field Work Component which allows students to observe and develop - over a 10 day period - the range of skills learned in that module and to see these practiced in the field. On-site teaching will enable students to understand conflict in ways that would otherwise be difficult solely within a classroom context, whilst preparation prior to the visit will provide students with an understanding of the nature of the conflict environment. Students will engage with local academics working on the conflict, as well as with policymakers, practitioners, agency and NGO staff and political leaders. They will also gain access to the cartography of a peacebuilding operation; learn how contacts are made and interviews conducted, and also gain experience of developing research resources on-site. [If for any reason the field trip cannot go ahead, it will be replaced by meetings with DFID, FCO, and Agency/ NGO staff in the UK].

Class Hour: To be arranged.

Teaching: Two hour seminars

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

IR5723 Security and Conflict in Africa

Credits: 30 Semester: 2

Programme(s): Optional module for the Peace and Conflict Studies Postgraduate Taught Programme.

Description: This module aims to be a systematic study of patterns of conflict in Africa and security concerns. The module will survey the literature on conflict and security as it pertains to the continent in order to gain an understanding of the competing contentions on the causes and resolution of conflict in Africa. The main question the module asks is: why does Africa appear to be so susceptible to conflicts? Although simple in appearance, the question is still the subject of a great deal of conjecture and debate. Thus, the aim of the module is to approximate reasonable and plausible answers to the question of what drives conflict in Africa. We hope to arrive at a better understanding of the complex and intricate dimensions of African wars, primarily through the rigorous study of selected case studies. In addition, we aim to take a look at broader security concerns that impact upon the lives of ordinary Africans.

Class Hour: To be arranged.

Teaching: Two hour seminars

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5725 Globalisation and the South

Credits:	30	Semester:	2
Programme(s):	Optional module for the Peace and Conflict Studies Postgraduate Taught Programme.		
Description:	Globalization has become the catch-all phrase of the 21st century. Since the 1980s it has come under particular scrutiny in the social sciences, and it has been used to explain the spread of democracy, economic downturns, the opening of world markets, and the spread of culture, amongst other phenomena. Debates concerning globalization have intensified since 9/11, the US-led intervention and Iraq, the emergence of various Islamist groups, debates concerning the environment, and the rise of new economic powers of China and India. This module examines the relationship between the theory and practice (or /reality/) of contemporary processes of globalization. It critically engages with what is meant by /globalization/ by exploring its economic, political and cultural dimensions and their impact on the global South. It examines globalization /at work /in India, Indonesia, Malaysia and various countries in Africa by exploring challenges or constraints to power structures such as class, caste and gender. It also examines the politics of resistance in the South and the emergence of a ‘global civil society’.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminars		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

IR5901 Fundamental Issues and Structures of Terrorism

Credits:	30	Semester:	1 (Full time), All Year (Part time)
Programme(s):	Compulsory module for the Terrorism Studies Postgraduate Taught Programme.		
Description:	This module is the first of four of an elearning Postgraduate Diploma in Terrorism Studies, and is designed to present core conceptual issues. These issues will include: Terrorism as a field of study - emergence and evolution; Definitional, conceptual, typological and theoretical issues; History of Terrorism; Ideology, Religion and Terrorism; Terrorist Organisations and Campaigns - stand-alone terrorism and terrorism combined with guerrilla warfare and political party work; Terrorism and Democracy - legal and human rights issues; Terrorism and Repression - counter-insurgency and counter-terror; Terrorism and Domestic and International Conflict - asymmetric warfare and humanitarian issues; Terrorism and Crime - linkage and law enforcement issues; Terrorism and Communication - propaganda and psychological warfare. We will cover three structures in relation to these concepts. Inside terrorist organizations and their support groups: Profiles of the most active terrorist groups - case studies. The structure of the international system and international counter-terrorist measures. Victims of terrorism and their national and transnational support organizations.		
Class Hour:	Full time –Total teaching time: 1.5 hours tutorial per week and advertised office hours Part time – 1 hour tutorial per month + advertised office hours		
Teaching:	Full-time and Part-time students follow the same course content and materials. Full-time residential students attend tutorials on campus with distance learners attending via video conferencing. All students are taught through online and e-learning systems. Online tutorial support includes regular web conferencing, direct email contact with tutors, podcasts of interviews with area experts and access to most course materials, including electronic journals, through the University’s e-learning platform.		
Assessment:	Continuous Assessment = 100%		

International Relations – 5000 Level Modules 2010/11 – August 2010

IR5902 Research Methods

Credits: 30 Semester: 1 (Full time), All Year (Part time)

Programme(s): Compulsory module for the Terrorism Studies Postgraduate Taught Programme.

Description: This module will present appropriate research methods to enable students to critically understand the professional literature, and to lay the foundations to enable students to engage in further research. The broad aim of this module is to provide students with sufficient research skills to identify, read and understand professional literature, and to undertake their own research activities. It will introduce critical elements of research methodology, introduce and develop skills in qualitative and quantitative research methodologies, describe and illustrate literature and documentation search and retrieval strategies, and provide an introduction to the role of the intelligence analyst as a practical example.

Class Hour: Full time – Total teaching time: 1.5 hours tutorial per week and advertised office hours
Part time – 1 hour tutorial per month + advertised office hours

Teaching: Full-time and Part-time students follow the same course content and materials. Full-time residential students attend tutorials on campus with distance learners attending via video conferencing. All students are taught through online and e-learning systems. Online tutorial support includes regular web conferencing, direct email contact with tutors, podcasts of interviews with area experts and access to most course materials, including electronic journals, through the University's e-learning platform.

Assessment: Continuous Assessment = 100%

IR5903 Processes and Responses to Terrorism

Credits: 30 Semester: 2 (Full time), All Year (Part time)

Programme(s): Compulsory module for the Terrorism Studies Postgraduate Taught Programme.

Description: The aim of this module is to develop knowledge and understanding of the radicalization process and responses to it. A critical feature of this module will be a focus on data-driven research in providing the evidence with which we can build a clearer picture of the complex process of becoming involved, remaining involved, and leaving behind involvement in terrorism. The implications of these issues for the development and assessment of counterterrorism initiatives will be presented.

Class Hour: Full time – Total teaching time: 1.5 hours tutorial per week and advertised office hours
Part time – 1 hour tutorial per month + advertised office hours

Teaching: Full-time and Part-time students follow the same course content and materials. Full-time residential students attend tutorials on campus with distance learners attending via video conferencing. All students are taught through online and e-learning systems. Online tutorial support includes regular web conferencing, direct email contact with tutors, podcasts of interviews with area experts and access to most course materials, including electronic journals, through the University's e-learning platform.

Assessment: Continuous Assessment = 100%

IR5920 Electives

Credits: 30 Semester: 2 (Full time), All Year (Part time)

Programme(s): Compulsory module for the Terrorism Studies Postgraduate Taught Programme.

Description: This module gives students the opportunity to apply the conceptual and theoretical knowledge gained in the other modules to selected areas of application reflecting where possible the students own interests and needs. Students choose 3 electives from a list of available courses.

Class Hour: Full time – Total teaching time: 2 x 1 hours tutorial per week and advertised office hours
Part time – 1 hour tutorial per month + advertised office hours

Teaching: Full-time and Part-time students follow the same course content and materials. Full-time residential students attend tutorials on campus with distance learners attending via video conferencing. All students are taught through online and e-learning systems. Online tutorial support includes regular web conferencing, direct email contact with tutors, podcasts of interviews with area experts and access to most course materials, including electronic journals, through the University's e-learning platform.

Assessment: Continuous Assessment = 100%

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IR5999 Dissertation for Terrorism Studies M.Litt. Programme

Credits: 60
Availability: 2010-11
Prerequisite: An average grade of at least 13.5 in course work.
Programme(s): Compulsory module for Terrorism Studies M.Litt. Postgraduate Programme
Description: This module allows students to undertake an in-depth investigation into issues within the field of Terrorism Studies and to prepare a 15,000 word (approximately) dissertation. The dissertation will make use of skills acquired during the Postgraduate Diploma to identify, investigate, analyse and report upon an area of contemporary concern or interest. Supervision of the dissertation will be provided.
Class Hour: At times to be arranged with the supervisor
Teaching: Individual Supervision
Assessment: Dissertation = 100%

MH5110 Introduction to Modern Persian

Credits: 40 Semester: Whole Year
Programme(s): Middle Eastern & Central Asian Security Studies Postgraduate Taught Programmes.
Description: This module is intended to introduce students to Modern Persian. No previous knowledge will be required and students will be taught the basic, language, grammar and structure of modern Persian with a view to preparing them for the study of basic texts and conversation. The module, which will run throughout the year, is intended to provide students with the foundations of modern Persian upon which they will be able to build and extend, should they wish to pursue research.
Class Hour: To be arranged.
Teaching: Four lectures and one tutorial
Assessment: Continuous Assessment = 70%, Two Hour Examination + 15 minute oral Examination = 30%

SS5101 Being a Social Scientist: Skills, Processes and Outcomes

Credits: 15 Semester: 1
Programme(s): Compulsory module for the M.Res. in International Relations
Description: This module focuses on developing students' specific research thinking and writing skills in a practically based way. Thus, the module will address the nature of being a research social scientist including exploring some of the ethical issues involved. The module will also consider selecting suitable research questions and framing these as appropriate for Masters and PhD dissertations.
Class Hour: To be arranged
Teaching: 3 hour lecture, fortnightly
Assessment: Continuous Assessment = 100%

SS5102 Philosophy and Methodology of the Social Sciences

Credits: 15 Semester: 2
Programme(s): Compulsory module for M.Res. in International Relations
Description: Beginning with a discussion of the evolution of the social sciences, this module addresses central philosophical questions of social science including discussion of epistemological and methodological aspects of positivism and interpretivism.
Class Hour: To be arranged.
Teaching: Details to follow.
Assessment: Continuous Assessment = 100%

International Relations – 5000 Level Modules 2010/11 – August 2010

SS5103 Qualitative Methods in Social Research

Credits:	15	Semester:	2
Programme(s)	Compulsory module for M.Res. in Health Geography		
Description:	This module offers both a theoretical and practical introduction to qualitative research. The diversity of the approaches to qualitative research will be addressed but the focus of the module is primarily practical necessitating the active participation of students.		
Class Hour:	To be arranged		
Teaching:	2 hour, weekly		
Assessment:	Continuous Assessment = 100%		

SS5104 Quantitative Research in Social Science

Credits:	15	Semester:	1
Programme(s)	Compulsory module for M.Res. in Health Geography		
Description:	This module will cover basic concepts and approaches to quantitative research in the social sciences in order to provide students with the basic quantitative tools for collecting, organising and analysing data.		
Class Hour:	To be arranged		
Teaching:	Details to follow		
Assessment:	Continuous Assessment = 100%		

School of Management

Head of School

Professor N Beech

Taught Programmes

Postgraduate Diploma:

Corporate Social Responsibility (*not available 2010-11*)
Finance and Accounting (*not available 2010-11*)
Finance & Management
International Business
Management & Information Technology
Management
Management (HRM)
Managing in the Creative Industries
Marketing

M.Litt.:

Corporate Social Responsibility (*not available 2010-11*)
Finance and Accounting (*not available 2010-11*)
Finance & Management
International Business
International Business and Strategy
Management
Management (HRM)
Managing in the Creative Industries
Marketing

M.Sc.:

Management & Information Technology

M.Res.:

Management Studies

Programme Requirements

Corporate Social Responsibility (*not available 2010-11*)

Postgraduate Diploma:

80 credits including MN5423, MN5603, MN5841, MN5842, plus 40 credits from IS5102, IS5103, MN5470, MN5472, MN5501-MN5770 plus 5 credits from MN4001

M.Litt.:

125 credits as for the Postgraduate Diploma plus either MN5498 or MN5499

Finance and Accounting (*not available 2010-11*)

Postgraduate Diploma:

80 credits including MN544, MN5442, MN5443, MN5450, plus 40 credits from MN5470, MN5603, MN5607, MN5611, MN5612, plus 5 credits from MN4001

M.Litt.:

125 credits as for the Postgraduate Diploma plus *either* MN5498 *or* MN5499

Finance & Management

Postgraduate Diploma:

80 credits from MN5442 - MN5460, MN5612, plus 40 credits from IS5102, IS5103, MN5441, MN5470, MN5472, MN5480, MN5501 - MN5770, MN5841, plus 5 credits from MN4001

M.Litt.:

125 credits as for the Postgraduate Diploma plus *either* MN5498 *or* MN5499

International Business

Postgraduate Diploma:

80 credits including MN5401, MN5421 - MN5440 plus 40 credits from IS5102, IS5103, MN5470, MN5472, MN5480, MN5501 - MN5770, MN5841 plus 5 credits from MN4001

M.Litt.:

125 credits as for the Postgraduate Diploma plus *either* MN5498 *or* MN5499

Management – 5000 Level Modules 2010/11 – August 2010

International Business & Strategy

M.Litt.: 120 credits from Moscow State University and 60 credits from MN5423, MN5472, and MN5501, *either* MN5498 *or* MN5499

Management

Postgraduate Diploma: 80 credits including MN5424, MN5461, MN5470, MN5471, plus 20 credits from IS5103, MN5472, MN5501-MN5770, plus 5 credits from MN4001

M.Litt.: 125 credits as for the Postgraduate Diploma plus *either* MN5498 *or* MN5499

Management (HRM)

Postgraduate Diploma: 100 credits including MN5424, MN5461, MN5470, MN5471, MN5480, 20 credits from MN5472, MN5501 - MN5770, MN5842, plus 5 credits from MN4001

M.Litt.: 125 credits as for the Postgraduate Diploma (obtaining minimum GPA of 13.5 for MN5470 and MN5480) plus *either* MN5498 *or* MN5499 (on HRM agreed topic)

Management Studies

M.Res.: 105 credits including SS5101, SS5102, SS5103, SS5104, MN5301, MN5302, MN5303, and 15 credits from one of the optional modules from the School of Management Taught Postgraduate suite of Modules (in consultation with M.Res. Director) plus MN5399.

Managing in the Creative Industries

Postgraduate Diploma: 120 credits from MN5491 - MN5496 and MN5472

M.Litt.: 120 credits as for the Postgraduate Diploma plus *either* MN5498 *or* MN5599

Marketing

Postgraduate Diploma: 80 credits from MN5401 - MN5420, plus 40 credits from IS5102, IS5103, MN5470, MN5472, MN5480, MN5501 - MN5770, MN5841 plus 5 credits from MN4001

M.Litt.: 125 credits as for the Postgraduate Diploma plus *either* MN5498 *or* MN5499

Management & Information Technology

Postgraduate Diploma: 80 credits from modules IS5102, IS5103, MN5461, MN5470, 20 credits from MN5472, MN5480, MN5501-MN5770, MN5481, and 20 credits from IS5104, IS5105, IS5106

M.Sc.: 125 credits from modules as for Postgraduate Diploma, plus 5 credits from IS5101, 60 credits from IS5199 or MN5599.

Modules

IS5101 Academic Project Planning

Credits: 5 Semester: Whole Year

Programme(s): Compulsory module for M.Sc. in Management & Information Technology Programme.

Description: This module is designed to provide a streamlined progress path towards producing a personal academic project prior to carry out a major project and dissertation as part of a taught Masters programme. Students will be given the opportunity to submit and refine their plans in response to a series of lectures and workshops delivered over two semesters. Project management concepts and techniques will be introduced and reinforced by practical exercises using the capabilities of common software applications for planning. In addition generic skills will be covered which include research techniques, awareness of professional and ethical issues, document preparation, technical writing, evaluation and presentation.

Class Hour: To be arranged

Teaching: Combination of lectures, seminars and practical classes.

Assessment: Continuous Assessment = 100%

IS5102 Database Management Systems

Credits: 20 Semester: 1

Programme(s): Compulsory module for M.Sc. in Management & Information Technology Programme.

Description: It is important for managers to understand what a database is, when to use a database, and what differentiates a database from a spreadsheet. This module covers: different types of database management systems including Microsoft Access and MySQL; the most appropriate database management system to choose depending upon the requirements of a project; database design including including E-R modelling. Database theory will also be covered including: Relational schemas, relational algebra, normalization, and Structured Query Language.

Class Hour: To be arranged

Teaching: One two-hour lecture and a one-hour seminar.

Assessment: Continuous Assessment = 100%

IS5103 Web Technologies

Credits: 20 Semester: 2

Programme(s): Compulsory module for M.Sc. in Management & Information Technology Programme.

Description: A web application is a collection of web pages that interact with the user, with each other, and with various resources on a web server, including databases. It is important for managers to understand the different technologies that are used to develop web applications, not only to understand but to be able to discuss with web designers the needs of an organization when it comes to web sites. This module covers: Web accessibility, Cascading style sheets, and Web server technologies.

Class Hour: To be arranged

Teaching: One two-hour lecture and a one-hour seminar.

Assessment: Continuous Assessment = 60%, Two Hour Examination = 40%

IS5104 Information Security Management

Credits: 20 Semester: 2

Programme(s): Optional module for M.Sc. in Management & Information Technology Programme.

Description: This module reviews key theoretical and practical aspects of Information Security Management. The module content covers higher level technical and theoretical issues as well as management issues such as organizational, planning, certification, auditing and governance. From the student's perspective the module introduces students to a topical field of business and IT concern via varied learning styles and in depth consideration of current issues, standards and scenarios. The module uses both block learning and individual self-learning.

Class Hour: To be arranged

Teaching: One two-hour lecture and a one-hour seminar.

Assessment: Continuous Assessment = 60%, Two Hour Examination = 40%

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IS5105 IT Software Engineering Principles

Credits:	20	Semester:	1
Programme(s):	Optional module for M.Sc. in Management & Information Technology Programme.		
Description:	This module reviews and summarises the key concepts in large scale software development. Personnel and skills management is explored along with the human centric processes involved in appropriating system requirements, functionality and high level descriptions necessary to guide the development of and finally assess a working system. From the student's perspective, the module does not require prior programming knowledge as the skills set developed covers process, organisational and management issues. The module uses various learning styles and strategies, including self directed learning and presentational skills.		
Class Hour:	To be arranged		
Teaching:	One two-hour lecture and a one-hour seminar.		
Assessment:	Continuous Assessment = 60%, Two Hour Examination = 40%		

IS5106 Digital Media

Credits:	20	Semester:	2
Programme(s):	Optional module for M.Sc. in Information Technology Programme.		
Description:	Effective communication of information increasingly relies on digital media technology as a means of production and or delivery. This practically orientated module considers a variety of solutions for printed materials and interactive or online presentations. Using industry standard software it looks at digital typography, image generation and manipulation, animation and illustration techniques and their application to create appropriate and effective communication media.		
Class Hour:	To be arranged		
Teaching:	Three lectures, a tutorial and a practical.		
Assessment:	Continuous Assessment = 100%		

IS5199 Dissertation in Management & IT

Credits:	60	Semester:	Summer
Prerequisite:	Admission to dissertation phase of the M.Sc.		
Anti-requisite:	MN5599		
Programme(s):	Component of M.Sc. in Management & Information Technology Programme, compulsory except where replaced by MN5599.		
Description:	This module provides students with the opportunity to undertake an in-depth investigation into issues within the fields of Management and Information Technologies. They are required to prepare a dissertation of not more than 15,000 words on an approved topic which shows appropriate competences in both fields, especially in IT. At least 25% of the work will involve IT and 25% will involve Management focus. Typically it comprises a related work review, extension of old or development of new ideas, their implementation and testing, summarised in a report, with the implementation based on sound theory and software engineering principles. The project may be a team project but the dissertation will be an individual one.		
Class Hour:	To be arranged		
Teaching:	Personal Supervision		
Assessment:	Dissertation = 100%		

MN4001 Introduction to Business Issues and Research Methods (was BS4001)

Credits:	5	Semester:	Whole Year
Anti-requisite:	BS4001		
Programme(s):	Compulsory module for all Taught Postgraduate Programmes within the School except Managing in the Creative Industries and M.Sc. Management and Information Technology.		
Description:	This module will be delivered in two sections. In the first semester it is designed to ensure that all students have a thorough grounding in and understanding of the language of Business and Management. In addition, there will also be a focus on familiarizing students with the key precepts of study at master level and the development of an independent approach to learning. In the second semester the module will focus on developing an appreciation of the key approaches and requirements to undertaking effective business research.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 100%		

MN5301 Application Packages for Management Research

Credits: 5 Semester: 2

Programme(s): Compulsory module for the M.Res. in Management Studies Programme.

Description: This module is designed to enable learners to attain an advanced level of proficiency in Information Technology. As such, it aims to further develop the learner's knowledge of the theoretical concepts, principles, boundaries and scope of IT applications.

Class Hour: To be arranged

Teaching: Ten 2 hour sessions over the semester.

Assessment: Continuous Assessment = 100%

MN5302 Research Issues in Management

Credits: 20 Semester: 1

Programme(s): Compulsory module for the M.Res. in Management Studies programme.

Description: This module develops critical understanding and practical skills in research in Management. It focuses on the skills and knowledge involved in understanding, evaluating and conducting research in the wider management field. The module will develop and refine competencies that will occupy the students throughout their professional careers. Doing good research requires time, observation, diligence and reasoning. The module will explore issues, methods and dilemmas central to conducting and analysing research. The central theme throughout the module will be the examination of the links between the theoretical and empirical realms. In taking this module, students will experience challenges of research and, with a diligent approach, they will also experience the thrill of discovery.

Class Hour: To be arranged.

Teaching: Lectures, practicals and tutorials.

Assessment: Continuous Assessment = 100%

MN5303 Theories and Current Issues in Management

Credits: 20 Semester: 2

Programme(s): Compulsory module for the M.Res. in Management Studies programme.

Description: This module will consider key theories of management work organisation in the modern era; assess the practical value of different theoretical approaches; analyse seminal periods in the development of contemporary work organisation; and assess the value of established theory for analysing management and work organisation in specific sectors.

Class Hour: To be arranged.

Teaching: Lectures and seminars

Assessment: Continuous Assessment = 100%

MN5399 M.Res. Dissertation module

Credits: 60

Programme(s): Compulsory module for the M.Res. in Management Studies programme.

Description: This module provides students with the opportunity to undertake an in-depth investigation into issues within the field of management studies and to prepare a 15,000-20,000 word project detailing justified conclusions and recommendations (as appropriate). The module is a core element of the M.Res. in Management Studies and is available only to students who achieve an average assessment grade of 14 or above in the 7 preceding core modules (BS 5101, 2, 3 and 4 and MN 5301, 2 and 3); and in 1 option.. Supervision of the dissertation is also provided.

Class Hour: To be arranged.

Assessment: Dissertation = 100%

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MN5401 International Marketing (was BS5105)

Credits:	20	Semester:	see below
Anti-requisite:	BS5105		
Programme(s):	Compulsory module for International Business (Semester 2) and Marketing (Semester 1) Postgraduate Taught Programmes		
Description:	This module essentially involves the critical study of International Marketing. Key theories are examined carefully against the backdrop of questions such as: What is an International Marketing Strategy? How is it developed? What role does it fulfil in the organisation? The module will examine the macro and micro factors that influence and affect International Marketing. It is designed to equip students with the necessary skills to make Marketing decisions in a global context.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5402 Strategic Product Development (was BS5107)

Credits:	20	Semester:	2
Anti-requisite:	BS5107		
Programme(s):	Compulsory module for Marketing Postgraduate Taught Programmes		
Description:	The success of all organisations is dependant on building a competitive portfolio of product offerings. This is a dynamic process that requires fusion of market understanding with knowledge and insights from across a business, its customer base and its supply chain. Drawing on studies of product development success this module will examine frameworks for managing new product development. This will involve an investigation of the strategic, process, organisational and cultural issues that have a direct influence on product success. The module will explore approaches within different business sectors and the relationship between product development and brand development. Special emphasis will also be paid to the critical role played by design in value enhancement. The module will conclude with an overview of product development futures and the complex challenges associated with multi-faceted product offerings associated with the rapidly evolving experience economy.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 100%		

MN5403 Marketing Research (was BS5103)

Credits:	20	Semester:	2
Anti-requisite:	BS5103		
Programme(s):	Compulsory module for Marketing Postgraduate Taught Programme		
Description:	This module introduces students to the theories of research and to the practical demands of data collection and analysis. The module covers research philosophies, types of data and the associated techniques for its collection, including quantitative and qualitative methods. Practical use of computer packages for data analysis and analysis techniques is included. This module also provides a strong insight into the theoretical and methodological unpinning for the dissertation.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5404 Marketing Communications & Buyer Behaviour (was BS5104)

Credits: 20 Semester: 1

Anti-requisite: BS5104

Programme(s): Compulsory module for Marketing Postgraduate Taught Programme

Description: The aim of this module is to familiarise students with the concepts, theories and analytical techniques within marketing communications and buyer behaviour. This will allow them to understand how we are influenced and marketing communications' role in this. At the core of marketing is the customer (consumer or business). This module will examine customers' perceptions, motivations, social influences and decision making processes before exploring branding, advertising, the full range of promotional tools and the issues with these and how to evaluate the success of marketing communications. Throughout the module, the aim will be to balance the practice and the theory; students will be asked to critically evaluate the theories, concepts and examples that are presented as well as engaging in further reading to broaden their knowledge base.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

MN5421 Managing People in Global Markets (was BS5203)

Credits: 20 Semester: 2

Anti-requisite: BS5203

Programme(s): Compulsory module for International Business Taught Postgraduate Programme

Description: The module focuses on the management of human resources in global markets and will help participants understand the problems of managing people in an international/multinational context. One of the most important trends in the development of modern economies is the increased globalization of business. Notwithstanding its economic and social impact, however, globalization is having a significant impact on how we manage people, not only in multinational enterprises but in our indigenous companies as, increasingly, we borrow ideas on "best practice" from overseas. Such efforts at globalization, whilst generally successful in bringing economic success, have been fraught with problems, which are often the consequence of ethnocentric management teams and their attempts to export US-style "best practice" human resource management to other countries. Thus, it is critically important for globalizing firms to make sensible and contextually-sensitive decisions in key areas of human resource management, which take into account institutional, cultural and psychological differences between parent company institutions, values and practices, those of host countries and those of third country nationals employed to work in global organizations. These decisions usually concern such areas as how people are organized, recruited, selected, deployed, developed, motivated, compensated and how their performance is managed. They also focus on whether or not global organizations employ uniform human resource practices in their various locations throughout the world. Ultimately, effective international human resource management (IHRM) rests on a thorough understanding of the problems of managing people from different backgrounds and this module attempts to explore such problems in-depth and help students apply their understanding to practical managerial situations.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

MN5423 Global Business Strategy (was BS5205)

Credits: 20 Semester: 1

Anti-requisite: BS5205

Programme(s): Compulsory module for International Business and International Business & Strategy Taught Postgraduate Programmes.

Description: International business strategy is a broad but at the same time synthetic discipline which comprises elements of the international political economy, financial aspects and strategic planning and implementation. This module draws these elements together in the context of the international business environment and seeks to define optimal paths to competitive advantage within this complex and fast-changing business context. The module introduces a wide variety of themes, explanations and interpretations that characterise strategic management. The module will challenge students to consider strategic problems in a rigorous manner and a suitable balance between strategic planning and strategy implementation is maintained.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

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MN5424 Corporate Finance and Accounting in a Global Context

Credits: 20 Semester: 1

Anti-requisite: BS5204, MN5422

Programme(s): Compulsory module for International Business, Management and Management (HRM) Taught Postgraduate Programmes.

Description: The module will introduce students to the basic principles and practices of accounting and corporate finance. The first half of the module will concentrate on teaching students financial accounting and reporting via the accounting equation method; this will enable students to become familiar with accounting techniques and develop an understanding of financial statements and methods employed in their creation. The second half of the module will introduce corporate finance concepts such as capital structure, the CAPM, and investment appraisal techniques. The module will employ case studies to highlight to students how these principles are employed within industry; the case studies will be based in an international setting.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

MN5441 Financial Accounting Information and Analysis (was BS5310)

Credits: 20 Semester: 1

Availability: Not available 2010-11

Anti-requisite: BS5310

Programme(s): Optional module for Finance and Management Taught Postgraduate Programmes.

Description: This module is designed to provide the basic level of familiarity with accounting and finance that all managers need. The module will emphasise the construction and interpretation of the cash flow statement, the profit and loss account and the balance sheet. It will provide a brief insight into the provision of accounting information for management and will provide a brief introduction to the financing of business and corporate interactions with financial markets in advanced capitalism. The module will conclude by examining the analysis of publicly available corporate financial information and the strengths and limitations of the information for understanding corporate performance.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, Two Hour Examination = 50%

MN5442 Corporate Financial Management (was BS5311)

Credits: 20 Semester: 1

Anti-requisite: BS5311

Programme(s): Compulsory module for Finance and Management Taught Postgraduate Programme.

Description: Financial decisions are made at all levels of management and thus are at the very heart of all organisations. Managers have broadly three major responsibilities in the financial domain which include investment decisions, financing decisions and managing financial risks. Sound financial decisions can help ensure the survival of organisations in an uncertain global environment. Broadly, this module will deal with the first two tasks. The aim of this module is to provide an introduction to modern theories of financial management and to show how to apply the theory to realistic financial decision problems.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, Two Hour Examination = 50%

MN5443 Research Methods in Finance and Management (was BS5315)

Credits: 20 Semester: 2

Anti-requisite: BS5315

Programme(s): Compulsory module for Finance and Management Taught Postgraduate Programme.

Description: The aim of this module is to provide students with an understanding of issues involved in the design of research projects within a finance and management discipline. This module aims to use recent seminal published work in selected areas of finance and management to examine issues of research design and methodology and, in doing so, aims to help students develop a critical perspective on research development and its contribution to the practice of finance and management. In particular, the module will cover areas such as identifying research areas, writing a literature review, identifying appropriate research techniques as well as the more technical aspects of quantitative research.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 100%

MN5444 Strategic Financial Management (was BS5316)

Credits: 20 Semester: 2

Anti-requisite: BS5316

Programme(s): Compulsory module for Finance and Management Taught Postgraduate Programme.

Description: The aim of this module is to equip students with the capability of being able to manage complex strategic and financial related situations. This module will apply important analytical tools for making sound decisions in the areas of mergers and acquisitions, valuation and corporate restructuring. Overall, this module will utilize the significant linkages between these areas, as well as between financial strategy and overall strategy management, to help strengthen their firm's competitive advantage. An understanding of strategic management and corporate financial techniques is essential to assessing and developing an organisation's strategy to ensure they are matching the company's strategic advantages to the business environment in which they operate and the module seeks to address this requirement.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, Two Hour Examination = 50%

MN5461 Strategic Management in the Information Age (was BS5501)

Credits: 20 Semester: 2

Anti-requisite: BS5501

Programme(s): Compulsory module for the Management, Management (HRM), Management & Information Technology Taught Postgraduate Programmes.

Description: Over the last three decades one of the most significant global trends has been the rapid technical development of information technology and the parallel intensification in the commercial and administrative use of this technology by organisations. In this context this module will develop students' knowledge and understanding of the strategy process and develop an appreciation of organisational responses to the rapidly changing global economy. In addition to this, the module will develop a critical understanding of the challenges of operating in the information age and will also develop awareness of the range of approaches to organisational strategy; its purpose and the process of aligning corporate strategy with operational strategies in the knowledge economy. The module will challenge students to evaluate organisational processes, including marketing and promotion, logistics and supply chain management, in a rigorous manner and develop an understanding as to how organisational resources can be harnessed to respond to the organisational challenges of operating in an age of rapidly and easily accessible information.

Class Hour: To be arranged.

Teaching: One two-hour lecture and a one hour seminar.

Assessment: Continuous Assessment = 50%, Two Hour Examination = 50%

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MN5470 Managing Human Resources (was BS5015)

Credits:	20	Semester:	1
Anti-requisite:	BS5015		
Programme(s):	Compulsory module for Management & Information Technology, Management, and Management (HRM) Taught Postgraduate Programmes. Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries.		
Description:	This module reviews the key theoretical and practical aspects involved in managing human resources. The module content covers both the strategic and operational requirements necessary to secure, develop, reward and retain employees and to ensure their maximum contribution to organisational performance requirements. Individual, organisational and contextual factors that influence the management of people are also considered and throughout there is an emphasis on the critical, analytical and evaluative study of the subject.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5471 Marketing: Principles and Practice

Credits:	20	Semester:	2
Programme(s):	Compulsory module for Management & Management (HRM) Taught Postgraduate Programmes.		
Description:	Marketing is a pervasive social phenomenon, influencing our perceptions and behaviours. We are all in daily contact with the marketing activities of firms, governments and a range of other organisation and we have all observed and experienced aspects of marketing practice throughout our daily lives. Adopting primarily a managerial perspective, this module will offer a critical review of current theory and practice and look at how marketing is evolving in light of changes to the business context. This module will introduce students to the nature and scope of marketing and its role in society. The importance of identifying, understanding and satisfying customers will be highlighted and approaches to segmenting markets and identifying target market will be reviewed. Marketing activities will be considered within the context of the marketing mix and other managerially-determined variables. The importance of marketing research and the associated processes will be discussed.		
Class Hour:	To be arranged.		
Teaching:	Lectures and tutorials.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5472 Research Issues in Business, Management and Marketing (was BS5131)

Credits:	20	Semester:	1
Anti-requisite:	BS5131		
Programme(s):	Compulsory for International Business & Strategy, and Managing in the Creative Industries Taught Postgraduate Programmes Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School.		
Description:	This option module seeks to develop critical understanding and practical skills in research in the subject specific to Management. The module will develop and refine competencies that will occupy you throughout your professional career. Doing good research requires time, observation, diligence and reasoning. The module will explore issues, methods and dilemmas central to conducting and analysing management research. The central theme throughout the module will be the examination of the links between the theoretical and empirical realms. In taking this module the student will experience the challenges of research.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 100%		

MN5480 Human Resource Development

Credits: 20 Semester: 2

Prerequisite: MN5470 or equivalent

Programme(s): **Compulsory** module for Management (HRM) Taught Postgraduate Programme.
Optional module for M.Res. in Management Studies, and all other Management Taught Postgraduate Programmes except Managing in the Creative Industries.

Description: The changing nature of organisations, work and employment places an emphasis on the need for continuous learning and development of people associated with the organisation (both employees and others). For individuals human resource development (HRD) activities enhance employability, human capital and career management. For the organisation, performance management and improvement are underpinned by processes that promote individual and organisational learning. Informed by this 'mutual' approach to the need for, and potential benefits of, HRD in the organisation, the module will explore the context, content, processes, outputs and outcomes of learning and development activities within the organisation and the need for these to reflect an integrated and strategic approach.

Class Hour: To be arranged.

Teaching: Lectures and practicals

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

MN5491 Understanding the Creative Industries

Credits: 20 Semester: 1

Programme(s): **Compulsory** module for Managing in the Creative Industries Taught Postgraduate Programme.

Description: This module gives students an introduction to the teaching and learning philosophy behind the programme and the theoretical framework that will be presented in order to understand the nature of the creative industries. It then introduces the creative industries, their positioning within the economy and some of the challenges posed by their organization and management. It considers why creative industries feature as part of national economic strategies at this particular point in time; the extent to which creative industries pose managerial and organizational issues distinct from other industries; and some of the challenges facing creative industries given changing economic, social and technological contexts.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 100%

MN5492 The Creative Process

Credits: 10 Semester: 1

Programme(s): **Compulsory** module for Managing in the Creative Industries Taught Postgraduate Programme.

Description: This module examines the creative foundations of creative industries, i.e. their intellectual capital. In doing so the module examines some of our understandings of creativity, how ideas become recognised and designated creative and accordingly recognised as intellectual capital; the nature of the creative process; some of the barriers to creativity and some of the prescriptions as to how creativity may be facilitated. It also considers the protection of intellectual capital through intellectual property rights.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 100%

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MN5493 Understanding Social Dynamics

Credits: 10 Semester: 1
Programme(s): **Compulsory** module for Managing in the Creative Industries Taught Postgraduate Programme.

Description: The module examines the nature and role of social capital and how this functions within the creative industries. In particular, it considers the nature and function of social networks, how these function and the value of their analysis in understanding social activities. The module considers network identification; how social networks are maintained and enhanced both at the industry and individual interactional levels, and considers some of the skills involved in sustaining successful interaction. The module also introduces and explores the concept of cultural capital and how this operates in terms of creating and structuring consumers and audiences for, and within, the creative industries.

Class Hour: To be arranged.
Teaching: Lectures and seminars
Assessment: Continuous Assessment = 100%

MN5494 Business Planning and Entrepreneurship

Credits: 20 Semester: 2
Programme(s): **Compulsory** module for Managing in the Creative Industries Taught Postgraduate Programme.

Description: This module introduces students to the foundations of the business start up process. In doing so, it considers the process of writing business plans, including the identification of business ideas and business opportunities; the potential sources of, and processes for the acquisition of, economic capital; market analysis, positioning and marketing planning. It also considers the function of business plans, their roles and limits. It also considers some of the issues that face business start ups and entrepreneurship.

Class Hour: To be arranged.
Teaching: Lectures and seminars
Assessment: Continuous Assessment = 100%

MN5495 Managing in a Complex Environment

Credits: 20 Semester: 2
Programme(s): **Compulsory** module for Managing in the Creative Industries Taught Postgraduate Programme.

Description: This module considers some of the challenges facing the creative industries and factors that can affect its future prosperity and sustainability. In doing so, it examines some of the strategies that can be adopted to try and identify longer term changes that may affect the creative industries and planning for such scenarios, and critically examines the strengths and weaknesses of approaches to scenario planning.

Class Hour: To be arranged.
Teaching: Lectures, seminars and occasional tutorials.
Assessment: Continuous Assessment = 100%

MN5496 Valuing and Evaluation

Credits: 20 Semester: 2
Programme(s): **Compulsory** module for Managing in the Creative Industries Taught Postgraduate Programme.

Description: This module considers how value is ascribed to functions and activities within the creative industries. It does so firmly by examining understandings of economic value in accounting and financial management, including budgeting and cash flow, through which financial value is ascribed to business activity. It then broadens consideration of value with an examination of the policy contexts within which creative industries function and how considerations of value are ascribed to their functioning including such issues as heritage and cultural appreciation, and economic impact.

Class Hour: To be arranged.
Teaching: Lectures and seminars.
Assessment: Continuous Assessment = 100%

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MN5498 Group Dissertation (was BS5198)

Credits:	60	Semester:	2
Anti-requisite:	BS5198, BS5199, MN5499		
Prerequisites:	An average of at least 13.5 in the preceding semester 1 and semester 2 core and option modules (to a total of 120 credits)		
Programme(s):	Either MN5498 or MN5499 is a Compulsory module for M.Litt. in Finance and Management, International Business, Management, Management (HRM) and Marketing		
Description:	This module provides students with the opportunity to undertake an in-depth investigation into issues within the field of business and finance. They are required to prepare a 15,000 word (approximately) report dissertation detailing justified conclusions and recommendations. This is a core element of the M.Litt. and is only available to students who achieve an average assessment grade of 13.5 or above in their GPA for the 6 preceding taught modules in semesters 1 and 2 (to a total of 120 credits) core and option modules. Training in methodology will be provided to students in semesters 1 and 2 as preparation for the dissertation. Supervision of the dissertation is also provided. Each group will comprise up to 6 students. The group dissertation will comprise 70% of the assessment; the remaining 30% will be awarded for an individual report and log book. The individual report should either critically reflect upon working in a multi-cultural project team or on a specific topic related to the group project in both cases the exact topic for the individual report will require supervisor approval.		
Class Hour:	Workshops to be arranged.		
Teaching:	4 one hour lectures and 4 two hour workshops. Students will then be given 6 hours of supervision.		
Assessment:	15,000 word group dissertation report = 70%, 3,000 word individual report = 30%		

MN5499 Dissertation Module (was BS5199)

Credits:	60	Semester:	2
Anti-requisite:	BS5198, BS5199, MN5498		
Prerequisites:	An average of at least 13.5 in the preceding semester 1 and semester 2 core and option modules (to a total of 120 credits)		
Programme(s):	Either MN5498 or MN5499 is a Compulsory module for M.Litt. in Finance and Management, International Business, International Business and Strategy, Management, Management (HRM) Managing in the Creative Industries, and Marketing.		
Description:	This module provides students with the opportunity to undertake an in-depth investigation into issues within the field of business and finance. They are required to prepare a 15,000 word (approximately) report dissertation detailing justified conclusions and recommendations. This is a core element of the M.Litt. and is only available to students who achieve an average assessment grade of 13.5 or above in their GPA for the preceding taught modules in semesters 1 and 2 (to a total of 120 credits). Training in methodology will be provided to students in semesters 1 and 2 as preparation for the dissertation. Supervision of the dissertation is also provided.		
Class Hour:	Workshops to be arranged.		
Teaching:	Up to 6 hours supervision per student.		
Assessment:	Continuous Assessment = 100%		

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MN5501 Scenario Thinking and Strategy

Credits: 20 Semester: 1

Programme(s): **Compulsory** module for International Business & Strategy Taught Postgraduate Programme.
Optional module for all other Taught Postgraduate Programmes in the School, except Managing in the Creative Industries.

Description: The structure of environments facing organisations or nations can lie on a scale where the ends represent the static and simple interplay of variables or their dynamic and complex counterparts. The former can best be understood by formal and systematic analysis where the use of quantitative forecasting techniques is especially useful. The latter, which represents the structure of many global sector and market environments, is best analysed using softer, qualitative techniques. Of these, scenario thinking has gained significant ground since its commercial birth in the 1960s. It involves the careful building of stories about how potential futures might evolve. This module will develop understanding of the complexity of environments through the use of scenarios and demonstrate the use of scenarios in public policy and strategy development. The methodologies are many and require multi-disciplinary input ranging from history, social anthropology, ethics, political economy, meteorology, global affairs amongst others.

Class Hour: To be arranged.

Teaching: One lecture, one seminar.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

MN5509 Public Relations

Credits: 20 Semester: Either

Programme(s): Optional module for M.Res. in Management Studies, and all other Postgraduate Taught Programmes in the School except Managing in the Creative Industries.

Description: Public relations, or PR, is a term used to describe a wide variety of techniques designed to improve communications between an organisation and its various stakeholders or publics. These publics may include employees, investors, customers and the wider community in which an organisation operates. From a marketing perspective, PR is an important part of the communications mix. Businesses are increasingly integrating PR with advertising, sales promotion, personal selling and/or electronic communications to improve the effectiveness of marketing communications. Because PR tends to utilise non-paid channels of communication, such as the news media, it is an increasingly tempting way for small businesses, non-profit organisations, advocacy groups and individuals such as politicians who have limited budgets to communicate with their stakeholders. However, PR is not without its critics. It is difficult to control how corporate messages may be interpreted and disseminated by the news media. Some organisations or individuals may be tempted to twist the facts to give only one side of a story or issue or to try to put the questionable activities in a positive light. In these cases PR may be dismissed as “spin”. As a result, ethical issues are an important focus of public relations research, education and practice. This module will examine both ethical and managerial issues and will aim to improve students’ public relations skills.

Class Hour: To be arranged.

Teaching: One lecture, one seminar

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

MN5510 Entrepreneurs and Entrepreneurship

Credits: 20 Semester: Either

Programme(s): Optional module for M.Res. in Management Studies, and all other Postgraduate Taught Programmes in the School except Managing in the Creative Industries.

Description: The module will provide an insight into the nature and identity of entrepreneurship by critically analyzing the way entrepreneurial activity creates economic wealth/social value; and will impart an understanding of individual entrepreneurship, corporate entrepreneurship and social entrepreneurship. This module is based on case studies of some well known entrepreneurs and entrepreneurial organizations - firms such as Apple, Nokia and Google; and entrepreneurs such as Andrew Carnegie, Souter/Gloag, Taddy Blecher and Steve Jobs. It will consider the corporate culture and organization of entrepreneurial firms and enable students to consider what it would be like to work for such firms.

Class Hour: To be arranged.

Teaching: One lecture, two seminars

Assessment: Continuous Assessment (individual essay = 25%, group project = 25%) = 50%, 2 Hour Examination = 50%

MN5511 Leadership in Organisations

Credits: 20 Semester: Either

Programme(s): Optional module for M.Res. in Management Studies, and all other Postgraduate Taught Programmes in the School except Managing in the Creative Industries.

Description: This module will examine how views of leadership have changed since the Industrial Revolution, from mechanistic, behavioural models of behaviour to modern leadership frameworks which facilitate change in ever dynamic national, international and cultural climates. Emphasis will be on how theoretical models relate to real life scenarios, how leaders are selected and how leadership is assessed. Content combines conceptual knowledge, behavioural guidelines and other information demonstrated by examples and case studies, experiential exercises and feedback on skill utilisation and performance. Lectures and seminars will combine a variety of educational approaches, from interactive discussions to action learning, with a focus on students' own individual leadership development.

Class Hour: To be arranged.

Teaching: One lecture, one seminar, one practical class

Assessment: Continuous Assessment (individual essay = 30%, group assignment = 20%) = 50%, 2 Hour Examination = 50%

MN5512 International Business

Credits: 20 Semester: 2

Programme(s): Optional module for M.Res. in Management Studies, and all other Postgraduate Taught Programmes in the School except Managing in the Creative Industries.

Description: This module examines various dimensions of international business environment, including cultural, institutional and economic environments and government policy, and their impacts on the strategic decision of international companies on whether and how to break into different foreign markets. This module also discusses the operations of international business such as country selection, the strategy and structure of international business. The design of the module aims to cover a broad range of international business issues without forsaking depth. Various learning methods are used in the module, including in-class lectures, discussion of focused topics and case analysis.

Class Hour: To be arranged.

Teaching: Two hour lectures and occasional seminars

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

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MN5554 Marketing and Society (was BS5121)

Credits:	20	Semester:	Either
Antirequisites:	BS5121, BS5132, MN5558		
Programme(s):	Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries.		
Description:	This module examines the effects of marketing on societies. The powerful social and cultural influence of marketing has been widely recognised. Through branding and communication marketing shapes consumption, identity and relationships. Our appearance, ideas and behaviour are influenced by marketing in ways more subtle and pervasive than we might think. What we eat, drink and wear; where we live and how we travel; our work and leisure; even the most intimate details of our lives respond to the powers of marketing. The future of marketing is challenged by the negative connotations of globalisation. Actions by certain firms have caused strong reactions to negative effects on workers, consumers and environments, such that a plethora of anti-corporate protest movements has been mobilised in recent decades.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 100%		

MN5555 Business Marketing (was BS5124)

Credits:	20	Semester:	Either
Anti-requisite:	BS5125		
Programme(s):	Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries.		
Description:	Industrial or business-to-business marketing (B2B) is concerned with the marketing of goods and services to commercial enterprises, institutions, governments, or other organizations. As such it differs considerably from most marketing courses that focus on the marketing of goods to final consumers (i.e., business-to-consumer marketing or B2C). B2B marketing deals with individuals and groups that represent organizations, some of whom may be larger and more powerful than the firm selling to them. In addition, these individuals often are trained specifically as professional buyers or have significant product knowledge. Finally, B2B markets are subject to derived demand that is frequently volatile in nature.		
	This module will focus on a wide range of issues including supply chain management, organizational buying behaviour, buyer-seller relationships, relationship marketing, partnering and strategic alliances, as well as the traditional 4 Ps.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5556 Consumption, Markets and Culture (was BS5130)

Credits:	20	Semester:	Either
Anti-requisite:	BS5130		
Programme(s):	Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries.		
Description:	The module charts the historical development of consumer societies and explores the benefits, problems and challenges which these present for policy makers and for consumers. The module aims to be theoretically challenging in stimulating discussion about topics such as the changing perceptions of space and time; power; exchange needs and values; semiotics and consumer identity from different theoretical perspectives.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5559 Retailing Corporate Strategy

Credits: 20 Semester: Either

Programme(s): Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries.

Description: This module is designed to provide students with a critical understanding of the application of the key concepts of corporate strategy to the competitive requirements of individual retailing organizations. Students will be introduced to the particular competitive characteristics of the retailing environment and individual retail organizations. This will be followed by a background to the key concepts of corporate strategy and strategic decision making. The main part of the module is devoted to the application of the concepts of corporate strategy to the competitive requirements of individual retail organisations. This will centre on the analysis of retailer competitive environments and the comparative assessment of retailer resources. Particular features of retailer strategy, including market positioning strategies, will be considered, as well strategies of retailer produce and geographical diversification and the role of acquisitions and mergers.

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

MN5599 Dissertation in Management & IT (was BS5599)

Credits: 60 Semester: Summer

Anti-requisite: IS5199, BS5599

Programme(s): Component of M.Sc. in Management & Information Technology Programme, compulsory except where replaced by IS5199

Description: This module provides students with the opportunity to undertake an in-depth investigation into issues within the fields of Management and Information Technologies. They are required to prepare a dissertation of not more than 15,000 words on an approved topic which shows appropriate competences in both fields. At least 25% of the work will involve IT and 25% will involve Management focus, Typically it comprises a related work review, extension of old or development of new ideas, their implementation and testing, summarised in a report, with the implementation based on sound theory and software engineering principles. Team work on dissertations is permitted (up to five students).

Class Hour: To be arranged

Teaching: Personal Supervision

Assessment: Dissertation = 100%

MN5602 Markets, Society and the Environment (was BS5320)

Credits: 20 Semester: Either

Anti-requisite: BS5320

Programme(s): Optional module for M.Res. in Management Studies, and all other Postgraduate Taught Programmes in the School except Managing in the Creative Industries.

Description: In the last ten years one of the most significant global trends has been a growing concern over globalisation and the increasing awareness of environmental change and anxiety and how this will affect society. The role of financial markets in these trends and how such developments will affect the operation of organisations (including public, private and third sector organisations in a wide variety of industries) come to the fore in this context. This module focuses on how such changes are likely to be experienced by the financial markets and by organisations influenced by those various markets. As an illustration, the module will include an examination of: (a) the market for funds (i.e. the capital market), (b) the market for regulation (especially the taxation system) and (c) the market for funds internally within the organisation (in the form of capital budgeting and project appraisal).

Class Hour: To be arranged.

Teaching: Lectures and seminars.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

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MN5603 Responsibility, Sustainability and Accountability in Organisations

Credits:	20	Semester:	Either
Anti-requisite:	BS5321		
Programme(s):	Optional module for M.Res. in Management Studies, and all other Postgraduate Taught Programmes in the School except Managing in the Creative Industries.		
Description:	The module provides an introduction to and analysis of sustainability and corporate social responsibility, the meaning, tensions and conflicts that these concepts entail and the role that accountability can play in their achievement. The module will examine the theory and practice of social, environmental and sustainability accountability and explore and assess current experience. The module will critically but practically examine the claims made by international business in this field and explore the practical and political constraints on the organization as it seeks to address responsibility, sustainability and accountability.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5604 Financial Systems

Credits:	20	Semester:	Either
Anti-requisite:	BS5330		
Programme(s):	Optional module for M.Res. in Management Studies, and all other Postgraduate Taught Programmes in the School except Managing in the Creative Industries.		
Description:	Financial systems around the world are currently undergoing many changes. These changes arise from competition, consolidation, information technology, product and geographic expansion of manufacturing, service and financial services firms, de-regulation and re-regulation. These changes are taking place within a volatile and uncertain economic environment, and have direct implications for the development, growth and stability of financial systems. This module aims to outline the fundamentals of financial systems. A central theme running through the module is the influence of technology and innovation along with the challenges that this poses to regulators.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5607 International Financial Management (was BS5335)

Credits:	20	Semester:	Either
Anti-requisite:	BS5335		
Programme(s):	Optional module for M.Res. in Management Studies, and all other Postgraduate Taught Programmes in the School except Managing in the Creative Industries.		
Description:	From daily financial management to long term strategic decision making, a full understanding of international finance is essential for all business managers. This module begins with the international monetary frameworks and the conduct of monetary policies in major developed economies. An essential feature of international finance is the crucial role of foreign exchange rate when cross-border transactions and capital flows occur. The determination and forecast of exchange rates and their interdependence with interest rates is discussed, together with the international money and capital markets and capital flows. Recent decades saw an explosion of new derivative products to hedge risks and an understanding of basic derivatives such as options and future/forward is required of the modern business manager.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 50%, Two Hour Examination = 50%		

Management – 5000 Level Modules 2010/11 – August 2010

MN5608 Risk Management (was BS5336)

Credits:	20	Semester:	Either
Anti-requisite:	BS5336		
Programme(s):	Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries.		
Description:	The last two decades have witnessed a spectacular change and growth in financial markets (equity markets, foreign exchange markets, euromarkets and international bond markets). This has brought a new breed of investors that see the role of managers as enhancing their shareholder value and protecting their wealth from potential risk. One of the challenging tasks of managers in recent years has been to manage the exposure to risks that arises from corporate decisions. The 1980s witnessed a resurgence of mergers, acquisitions and take-overs. This brought about new ways of financing such activities with project evaluation, funding and hedging have to be considered together. The principal aim of this module is to provide an introduction to managing the exposure to risk and to apply relevant theories to realistic financial decision problems. This module will also deal with assessing and measuring non-financial risks and their importance in the decision making processes within the firm.		
Class Hour:	To be arranged.		
Teaching:	Lectures and tutorials.		
Assessment:	Continuous Assessment = 50%, Two Hour Examination = 50%		

MN5611 Alternative Investment

Credits:	20	Semester:	Either
Programme(s):	Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries.		
Description:	This module provides students with an overview on investment opportunities alternative to the main equity and bond markets. It will critically engage students with the key characteristics and issues concerning the main alternative investment opportunities, these being Commodities, Private Equity, Real Estate and especially Hedge Funds. Furthermore, this module will introduce students to the newer alternative investments which include Investibles (e.g. wine and collectibles), Islamic Investment and Responsible Investment. This module will consider the key challenges of evaluating alternative investment portfolios' performance.		
Class Hour:	To be arranged.		
Teaching:	Lectures, tutorials and practicals.		
Assessment:	Continuous Assessment = 100%		

MN5612 Investments and Portfolio Management

Credits:	20	Semester:	1
Programme(s):	Compulsory module for Finance & Management Taught Postgraduate Programme. Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries and Management (HRM).		
Description:	This module provides comprehensive instruction on topics in investment finance. It combines investment markets instruction with portfolio management - e.g. investment securities, financial institutions, risk and return, valuation methods and models, and fundamental portfolio theory. Emphasis will be on project work and applied applications to theoretical concepts. Students will produce assessed work that has real market application for institutional investors, investment managers and investment consultants. The module will prepare students for professional exams such as the Chartered Financial Analyst certification for those who desire employment in investment.		
Class Hour:	To be arranged.		
Teaching:	Lectures and tutorials.		
Assessment:	Continuous Assessment = 100%		

Management – 5000 Level Modules 2010/11 – August 2010

MN5751 Managing Creative Industries (was BS5016)

Credits:	20	Semester:	Either
Anti-requisite:	BS5016		
Programme(s):	Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries.		
Description:	The creative industries are an area of growing economic importance, both in terms of employment and GDP. This module introduces students to some of the managerial and organisational challenges that are faced in industries that rely on the identification and exploitation of creative intellectual capital. Issues that are addressed include: the structure and nature of creative industries; the institutional support that sustains creative industries; managing the inherent uncertainty of demand for the creative product; managing creative individuals and teams and tensions between economic and creative interests.		
Class Hour:	To be arranged.		
Teaching:	Lectures and seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5841 Capital, Democracy and Sustainability

Credits:	20	Semester:	1
Programme(s):	Compulsory module for M.Litt. in Corporate Social Responsibility Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries.		
Description:	This module will explore the global expansion of capitalism with particular emphasis placed upon its social and environmental consequences. Key concerns of the module are the compatibility of capitalism with environmental sustainability and the way in which the development of capital markets come to shape national and international socio-political structures. In order to explore these concerns, the module will look at the emergence of supranational financial institutions such as the World Bank and International Monetary fund; the globalisation of capital markets; the emergence of international regulatory regimes and the role of business therein. A substantial section of the module will also be devoted to consideration of civil society's response to capital's global expansion and the way in which grass roots political actors have organised themselves on a global scale. The module thus adopts a simultaneous micro/macro lens, looking at how the micro world of specific business initiatives and single-issue campaigns are influenced by, and themselves influence, the macro world of global governance arrangements and economic factors.		
Class Hour:	To be arranged.		
Teaching:	Two hour lectures.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5842 Management as if the Earth Mattered

Credits:	20	Semester:	Either
Programme(s):	Optional module for M.Res. in Management Studies, and all other Taught Postgraduate Programmes in the School except Managing in the Creative Industries.		
Description:	This module will provide students with the opportunity to explore key aspects of how business can operate in harmony with the environment and help effect sustainable solutions rather than be a cause of unsustainability. In a practical sense, the module seeks to understand how organisational Environmental Management Systems both contribute to sustainability and construct barriers to it. Topics will include conventional solutions offered by the environmental literature, such as; natural capitalism, dematerialisation and industrial ecology. Building upon this: strategy as ethos, systems thinking, Gaia theory, ecological economics (key tenets), green marketing principles and socio-organisational aspects of green pioneers will be explored. Lastly, key lessons from leading edge environmental companies and associated visiting speakers will be presented. This module will challenge students' conventional notions of business as well as providing some nascent answers/solutions for how organisations can begin to work in harmony with the environment.		
Class Hour:	To be arranged.		
Teaching:	Two hour lectures		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		

MN5901 Skills in Leadership

Credits: 20 Semester: Either

Programme(s): This module is only available to students enrolled at XM Services/Michelin Dundee.

Description: The module reviews the place of leadership within the overall role of the manager and considers the key skills needed to demonstrate effective leadership of people. Various theories of leadership (trait, behavioural, contingency, attribution, charismatic) are introduced and their implications for the manager analysed. Skills underpinning effective leadership are considered including motivation, communication, goal-setting and the concept of 'followership' explored. The module introduces the Hersey-Blanchard (1982) 'situational leadership model' and an analysis of its key components are valuable for the line manager.

Class Hour: To be arranged.

Teaching: Seminars and practical classes.

Assessment: Continuous Assessment = 100%

MN5902 Leadership: Perspectives and Reflective Practice

Credits: 20 Semester: Either

Prerequisite: MN5901

Programme(s): This module is only available to students enrolled at XM Services/Michelin Dundee.

Description: The module builds on skills and knowledge developed in MN5901 or equivalent. The module begins by considering the leadership needs of organisations now and in the future and how contemporary theories of leadership help to address those needs. Pertinent theories of leadership, such as situational leadership and transformational leadership are critically evaluated. An understanding of a multiple-perspective approach is developed, and participants are facilitated in their development as reflective practitioners.

Class Hour: To be arranged.

Teaching: Seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 100%

MN5903 Strategy, Governance and Leadership

Credits: 20 Semester: Either

Prerequisite: MN5902

Programme(s): This module is only available to students enrolled at XM Services/Michelin Dundee.

Description: The module situates leadership within the strategy making processes of the organisation. Participants are introduced to key concepts of strategic management within complex and changing environments. Concepts such as stakeholder management, scenario planning, image and perception in leadership and reflective learning are developed. The skills and knowledge covered in MN5902 are developed and extended.

Class Hour: To be arranged.

Teaching: Seminars, tutorials and practical classes.

Assessment: Continuous Assessment = 100%

SS5101 Being a Social Scientist: Skills, Processes and Outcomes

Credits: 15 Semester: 1

Programme(s): Compulsory module for the M.Res. in Management Studies programme

Description: This module focuses on developing students' specific research thinking and writing skills in a practically based way. Thus, the module will address the nature of being a research social scientist including exploring some of the ethical issues involved. The module will also consider selecting suitable research questions and framing these as appropriate for Masters and PhD dissertations.

Class Hour: To be arranged

Teaching: 3 hour lecture, fortnightly

Assessment: Continuous Assessment = 100%

Management – 5000 Level Modules 2010/11 – August 2010

SS5102 Philosophy and Methodology of the Social Sciences

Credits: 15 Semester: 1

Programme(s): Compulsory module for M.Res. in Management Studies

Description: Beginning with a discussion of the evolution of the social sciences, this module addresses central philosophical questions of social science including discussion of epistemological and methodological aspects of positivism and interpretivism.

Class Hour; To be arranged.

Teaching: Details to follow.

Assessment: Continuous Assessment = 100%

SS5103 Qualitative methods in Social Research

Credits: 15 Semester: 2

Programme(s) Compulsory module for M.Res. in Management Studies

Description: This module offers both a theoretical and practical introduction to qualitative research. The diversity of the approaches to qualitative research will be addressed but the focus of the module is primarily practical necessitating the active participation of students.

Class Hour: To be arranged

Teaching: 2 hour, weekly

Assessment: Continuous Assessment = 100%

SS5104 Quantitative Research in Social Science

Credits: 15 Semester: 1

Programme(s) Compulsory module for M.Res. in Management Studies

Description: This module will cover basic concepts and approaches to quantitative research in the social sciences in order to provide students with the basic quantitative tools for collecting, organising and analysing data.

Class Hour: To be arranged

Teaching: Details to follow

Assessment: Continuous Assessment = 100%

School of Mathematics & Statistics

Head of School

Professor N Ruskuc

Taught Programmes

Postgraduate Diploma:

Applied Statistics and Datamining
Mathematics
Statistics

M.Sc.:

Applied Statistics and Datamining
Mathematics
Statistics

Programme Requirements

Applied Statistics and Datamining

Postgraduate Diploma:

A total of 120 credits of MT modules, including MT5753, MT5756, MT5757, MT5758 and MT5759, in a programme of study approved by the Head of School.

M.Sc.:

120 credits as for Postgraduate Diploma together with a dissertation (MT5099) comprising three months' full-time study.

Mathematics

Postgraduate Diploma:

A total of 120 credits of MT modules, of which at least 90 credits should be a 5000 level, in a programme of study approved by the Head of School.

M.Sc.:

120 credits as for Postgraduate Diploma together with a 60 credit dissertation (MT5099) comprising three months' full-time study.

Statistics

Postgraduate Diploma:

A total of 120 credits of MT modules, of which at least 90 credits should be a 5000 level, in a programme of study approved by the Head of School.

M.Sc.:

120 credits as for Postgraduate Diploma together with a 60 credit dissertation (MT5099) comprising three months' full-time study.

Modules

The prerequisites for each module may be replaced by equivalent material from other institutions.

Mathematics & Statistics – 5000 Level Modules 2010/11 – August 2010

ID5011 Geographic Information Systems for Environmental Management

Credits:	15	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5010, ID5012		
Programme(s):	Optional module for Environmental Biology M.Sc., Mathematics & Statistics, Economics, Management and Environmental History Taught Postgraduate Programmes.		
Description:	This module provides an introduction to Geographic Information systems and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final, short individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of environmental examples will be given. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth and environmental science, biology, archaeology, and mathematics.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 50%, Short Project = 50%		

MT5099 Dissertation for M.Sc. Programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work. Candidates whose average grade falls in the range 12-13 may be allowed to proceed at the discretion of the Head of School.
Programme(s):	Compulsory module for Mathematics and Statistics M.Sc. Postgraduate Programmes
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the progress of the dissertation. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

MT5611 Advanced Symbolic Computation

Credits:	20	Semester:	2
Availability:	2010-11		
Programme(s):	Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.		
Description:	This module aims to enable students to use Maple as a tool in their other modules and to turn naturally to such a package when solving mathematical problems. The module aims to illustrate the following points: a symbolic computation package allows one to conduct mathematical experiments; a symbolic computation package allows one to collect data about a problem being studied. This is similar to the way other scientists work. It is easier to try several different approaches to a problem and see which works. The machine is stupid. Intelligence comes from the user. The user thinks, the user interprets, the computer calculates. Students will undertake a more substantial project than that required for MT4111.		
Class Hour:	9.00 am		
Teaching:	Two lectures, one tutorial		
Assessment:	Project = 45%, 2 Hour Examination = 55%		

Mathematics & Statistics – 5000 Level Modules 2010/11 – August 2010

MT5751 Estimating Animal Abundance

Credits: 10 Semester: 2 (2 weeks)
Anti-requisite: MT5835
Programme(s): Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.

Description: The module will introduce students to the main types of survey method for wildlife populations. It will cover simple methods in some detail and provide students with a conceptual framework for building understanding of more advanced methods. By the end of the course, students will be able to identify an appropriate assessment method for a given population, be able to design a simple survey to assess the population, and perform simple analyses of survey data. Students will get experience in using the methods via computer practical sessions involving design and analyses of surveys conducted by computer simulation.

Class Hour: 2.00 pm
Teaching: 4 lectures, one tutorial and two practical classes each week for 2 weeks.
Assessment: Continuous Assessment = 40%, 2 Hour Examination = 60%

MT5752 Modelling Ecological Dynamics

Credits: 20 Semester: 2 (4 weeks)
Anti-requisite: MT5834
Programme(s): Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.

Description: This module is designed to provide practical training in the construction and use of mathematical models of ecological dynamic systems. The module will start by covering basic dynamical concepts and mathematical tools, and will then cover modelling of individuals, single species populations, interacting populations and ecosystems. At all stages students will be expected to build and analyse models, with a combination of pencil and paper and computer software.

Class Hour: 2.00 pm.
Teaching: 4 lectures, one tutorial and 3 practicals each week for 4 weeks.
Assessment: Continuous Assessment = 40%, 2 Hour Examination = 60%

MT5753 Statistical Modelling

Credits: 20 Semester: 1 (4 weeks)
Programme(s): Compulsory module for Applied Statistics and Datamining Taught Postgraduate Programme.
Optional module for Statistics Taught Postgraduate Programme.

Description: This course will introduce the main ideas of linear and generalised linear statistical modelling and will provide training in applied statistical modelling. The course structure is as follows: what statistical models are and what they are for; distributions, point and interval estimation and hypothesis testing; simple linear regression models for normal data; multiple regression; multiple regression with qualitative explanatory variables; less linear models for non-normal data; generalized linear models. Lectures will be built around the book *An R and S-plus Companion to Applied Regression* (Fox, 2002).

Class Hour: 2.00 pm.
Teaching: 4 1.5 hour lectures, one tutorial and 4 1.5 hour practical sessions each week for 4 weeks.
Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

Mathematics & Statistics – 5000 Level Modules 2010/11 – August 2010

MT5756 Introductory Data Analysis

Credits: 20 Semester: 1 (4 weeks)
Programme(s): Compulsory module for Applied Statistics and Datamining Taught Postgraduate Programme.
An exemption may be granted to an appropriately qualified entrant.

Description: This module provides coverage of essential statistical concepts, data manipulation & analysis methods, and software skills in commercial analysis packages. Specifically: the different types of data and their numerical/graphical treatment; data entry/import/export, basic probability theory and concepts of inference; fundamental statistical concepts with particular emphasis on sampling issues; basic statistical models and tests; introductory computer-intensive inference. The widespread commercial statistical packages SAS, SPSS are introduced and utilized with Excel for most analyses. The statistical programming language R is also given brief attention. This module is a short intensive course and is a core, preliminary, requirement for the MSc in Applied Statistics and Datamining. It covers material essential for study of the more advanced statistical methods encountered in subsequent modules.

Class Hour: To be arranged.

Teaching: Lectures, tutorials and practicals.

Assessment: Continuous Assessment = 40%, 2 Hour Examination = 60%

MT5757 Advanced Data Analysis

Credits: 20 Semester: 1 (4 weeks)
Programme(s): Compulsory module for Applied Statistics and Datamining Taught Postgraduate Programme.
Optional module for Statistics Taught Postgraduate Programme.

Description: This module covers modern modeling methods for situations where the data fails to meet the assumptions of common statistical models and simple remedies do not suffice. This represents a lot of real world data. Methods covered include: nonlinear models; basic splines & Generalized Additive Models; Ridge Regression and Principal Components Regression; models for non-independent errors. Pragmatic data imputation is covered with associated issues. Computer intensive inference is considered throughout. Practical applications build sought-after skills in the commercial package SAS.

Class Hour: 2.00 pm.

Teaching: Lectures, tutorials and practicals.

Assessment: Continuous Assessment = 40%, 2 Hour Examination = 60%

MT5758 Applied Multivariate Analysis

Credits: 15 Semester: 2
Anti-requisites: MT4609, MT5705
Programme(s): Compulsory module for Applied Statistics and Datamining Taught Postgraduate Programme.
Optional module for Statistics Taught Postgraduate Programme.

Description: This module provides introductory and advanced training in the applied analysis of multivariate data. The module emphasis is upon practical analysis of data and the extraction of answers from real-life data. Basic theory is given covering matrix algebra, metrics and general measures of similarity. The most common and fundamental methods including dimension reduction and classification are covered e.g. Multivariate Analysis of Variance, Principal Components Analysis, multidimensional scaling, Factor Analysis, clustering methods. The practical component of the module focuses on analysis of real data using the commercial software tools Excel, SAS and SPSS.

Class Hour: 12.00 noon.

Teaching: Lectures, tutorials and practicals.

Assessment: Continuous Assessment = 60%, 2 Hour Examination = 40%

Mathematics & Statistics – 5000 Level Modules 2010/11 – August 2010

MT5759 Knowledge Discovery and Datamining

Credits: 15 Semester: 2

Programme(s): Compulsory module for Applied Statistics and Datamining Taught Postgraduate Programme.
Optional module for Statistics Taught Postgraduate Programme.

Description: Contemporary data collection can be automated and on a massive scale e.g. credit card transaction databases. Large databases potentially carry a wealth of important information that could inform business strategy, identify criminal activities, characterize network faults etc. These large scale problems may preclude the standard carefully constructed statistical models, necessitating highly automated approaches.

This module covers many of the methods found under the banner of "Datamining", building from a theoretical perspective but ultimately teaching practical application. Topics covered include: historical/philosophical perspectives, model selection algorithms & optimality measures, tree methods, bagging and boosting, neural nets, and classification in general. Practical applications build sought-after skills in the commercial packages SAS and SPSS.

Class Hour: 10.00 am.

Teaching: Lectures, tutorials and practicals.

Assessment: Continuous Assessment = 60%, 2 Hour Examination = 40%

MT5802 Advanced Analytical Techniques

Credits: 20 Semester: 2

Prerequisite: MT3503

Programme(s): Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.

Description: This module introduces students to some further important applied analytic techniques such as Variational Calculus, Integral equations and transforms, and the theory of Steepest Descent.

Class Hour: 12.00 noon

Teaching: Two lectures and one tutorial.

Assessment: Two-and-a-half Hour Examination = 100%

MT5806 Advanced Computational Techniques

Credits: 20 Semester: 2

Prerequisite: one of either MT5611 or MT5612

Programme(s): Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.

Description: This module introduces students to some of the ideas, techniques and constraints that underpin modern approaches to the numerical modelling of physical processes that may be described by partial differential equations. Students will gain expertise in implementing standard methods and will submit a short dissertation together with a portfolio of computational work.

Class Hour: 12.00 noon

Teaching: Two lectures and one tutorial.

Assessment: Project = 25%, 2 Hour Examination = 75%

Mathematics & Statistics – 5000 Level Modules 2010/11 – August 2010

MT5809 Advanced Fluid Dynamics

Credits: 20 Semester: 1
Programme(s): Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.

Description: This module will examine current research in fluid dynamics, with a particular focus on meteorology and oceanography. The large-scale atmosphere and oceans behave quite unlike a 'classical' fluid owing to the presence of stable density stratification and rotation. As a result, the fluid motion is dominated by slow, 'vortical' or eddying motions (like cyclones) which generally spin slower than the Earth. Superimposed on this slow motion are relatively fast wave-like motions analogous to surface waves on a pond. These lectures describe the mathematical basis of these fundamentally different types of motion, and furthermore illustrate the increasingly important role of computer modelling in this research.

Class Hour: 11.00 am
Teaching: Two lectures and one tutorial.
Assessment: Two-and-a-half Hour Examination = 100%

MT5810 Advanced Solar Theory

Credits: 20 Semester: 1
Anti-requisite: MT5804
Programme(s): Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.

Description: The object of this module is to describe the magnetohydrodynamic processes at work in the Sun, using modern techniques of applied mathematics, and to discuss the latest theories in relation to aspects of current research within the School.

Class Hour: 12.00 noon
Teaching: Two lectures and one tutorial.
Assessment: Two-and-a-half Examination = 100%

MT5812 Global Capital Markets - Structured Derivatives, Analytics and Applications

Credits: 20 Semester: Either
Prerequisite: MT4551
Co-requisite: EC5705

Description: The Global Capital Markets divisions of Investment Banks are now a significant employer of highly numerate graduates who have a rigorous training in both Economics and Mathematics. This module will provide a practical introduction to the theory and applications of the various different types of structured derivatives that currently exist across all the asset classes that constitute Capital Markets. Detailed examples of both the applications as well as the dynamics, valuation and risk-management of 'vanilla' and 'exotic' Interest Rate, Equity, Credit, FX and Commodity structured derivatives will be discussed and analysed.

The focus will be practical and there will be a bias towards developing a strong intuition through discussing and analyzing such questions as 'Why do structured derivatives exist?', 'Who are the participants (e.g. Asset Managers, Pension Funds, Hedge Funds, etc) in this market?', 'How are these structured derivatives valued, risk-managed and traded?', 'What type of models are used in their valuation?', 'What assumptions underlie the models and when do the assumptions break down?' to finally 'How do Banks make money from structured derivatives?' and 'How are the models actually used on the trading desks of Investment Banks?'

Class Hour: 12.00 noon
Teaching: Two lectures and one tutorial.
Assessment: Continuous Assessment = 60%, Two Hour Examination = 40%

MT5824 Topics in Groups

Credits: 20 Semester: 1

Programme(s): Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.

Description: The overall aim of this module is to build on the foundations established in MT4003/MT4603, and take the students further into this important and beautiful branch of mathematics. More specifically, through a selection of topics, some of which will be of current research interest in St Andrews, it will introduce students to advanced techniques of handling groups and classifying them.

Class Hour: 10.00 am

Teaching: Two lectures and one tutorial.

Assessment: Two-and-a-half Hour Examination = 100%

MT5825 Measure and Ergodic Theory

Credits: 20 Semester: 1

Programme(s): Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.

Description: This module introduces some of the powerful techniques and ideas of modern mathematical analysis that are important both in analysis in its own right and in its many applications in mathematics and science. The module will include topics such as: measure theory, the ergodic theorem, martingale theory. Analysis is one of the active research areas within the School, and the choice of topics will reflect current activity.

Class Hour: 10.00 am

Teaching: Two lectures and one tutorial.

Assessment: Project =25%, 2 Hour Examination = 75%

MT5827 Lie Algebras

Credits: 20 Semester: 2

Availability: 2010-11

Programme(s): Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.

Description: The aim of this module is to classify the semi-simple Lie algebras over an algebraically closed field. Lie algebra has important applications to theoretical physics and is used in the classification of finite simple groups.

Class Hour: 11.00 am

Teaching: Two lectures and one tutorial.

Assessment: Two-and-a-half Hour Examination = 100%

MT5829 Group Rings

Credits: 20 Semester: 2

Programme(s): Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.

Description: Group rings were introduced as a tool in the representation theory of groups, and then they became objects of independent study. A group ring combines a group and a ring, so it is natural to ask how the properties of the ring and the group determine the properties of the group ring, and vice versa. The main directions of current researches in group ring theory are their ring and Lie properties, the structure of the unit group and the isomorphism problem. After a revision of necessary facts from group theory and ring theory, we will give classical results in each of these four areas; we will also point out some very recent results and open questions.

Class Hour: To be arranged.

Teaching: Two or three lectures and one tutorial.

Assessment: Two-and-a-half Hour Examination = 100%

Mathematics & Statistics – 5000 Level Modules 2010/11 – August 2010

MT5830 Topics in Geometry and Analysis

Credits:	20	Semester:	2
Availability:	2010–11		
Prerequisite:	MT4004 or MT4515		
Anti-requisite:	MT5828		
Programme(s):	Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.		

Description: The module will present new developments in geometry and analysis that relate to research interests in St Andrews. Building on 4000-level modules in analysis, it will introduce students to advanced results in this beautiful and important area of mathematics. The choice of specific topics may vary from year to year but will be chosen from Geometric Measure Theory, Non-commutative Geometry, Fuchsian Groups, Harmonic Analysis, and Measurable Dynamics.

Class Hour:	To be arranged
Teaching:	Two lectures and one tutorial.
Assessment:	Two-and-a-half Hour Examination = 100%

MT5831 Advanced Bayesian Inference

Credits:	20	Semester:	2
Availability:	2010-11		
Programme(s):	Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.		

Description: This module consists of MT4531 with an additional project which will give consideration to some more advanced aspects of the theory or to the application of Bayesian techniques. This may involve either directed reading or the use of the computer for simulation or data-based analyses. The syllabus includes Bayes' theorem, inference for Normal samples; univariate Normal linear regression; principles of Bayesian computational, Markov chain Monte Carlo – theory and applications.

Class Hour:	11.00 am
Teaching:	Lectures, tutorials and practical classes
Assessment:	Project = 40%, 2 Hour Examination = 60%

MT5990 Independent Study module

Credits:	20	Semester:	Either
Programme(s):	Optional module for all Postgraduate Taught Programmes within the School of Mathematics & Statistics.		

Description: This module provides the opportunity for a student to study an Advanced topic as a reading course under the supervision of a member of staff. The topic will be disjoint from those available in other modules.

Assessment:	Two-and-a-half Hour Examination = 100%
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MT5991 Professional Skills for Mathematical Scientists

Credits:	30	Semester:	Whole Year
Programme(s):	Postgraduate Diplomas in Mathematics or, exceptionally, final year of MMath programme with the approval of the Head of School.		

Description: This module encompasses a range of skills, both generic and topic specific, together with taught components aimed at providing an appreciation of both breadth and depth of research areas in Pure or Applied Mathematics. The precise programme of study, together with the identification of the relevant software expertise required, will be determined in consultation with the student's supervisor.

Class Hour:	To be arranged.
Teaching:	Lectures, Tutorials and Practical classes
Assessment:	Continuous Assessment = 100%

Mediaeval Studies Programme

Postgraduate Diploma:	120 credits: 40 credits from MS5001; 40 further credits from MS5021 plus MS5022, or MS5028 or AR5237, AR5023 or GK5010; plus 40 further credits chosen from MS5024, IT5901/IT5902 (with anti-requisites AR5237, AR5023 and GK5010), MS5025, MS5026, MS5027 or MS5110
M.Litt.:	120 credits as for the Postgraduate Diploma plus MS5099
M.Phil.:	120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words

Compulsory Module:

MS5001 Approaches to Mediaeval Studies

Credits:	40	Semester:	Whole Year
Programme(s):	Compulsory module for Mediaeval Studies Postgraduate Taught Programme		
Description:	The module is structured thematically in order to cover a range of themes essential to understanding multi-disciplinary approaches to the Middle Ages. Each seminar will explore a broad issue from a variety of disciplinary and theoretical perspectives, using selected texts, images and artifacts to anchor discussion.		
Class Hour:	To be arranged.		
Teaching:	Fortnightly tutorial and other teaching as appropriate.		
Assessment:	Continuous Assessment = 100%		

Optional Modules:

AR5023 Advanced Arabic for Postgraduates

Credits:	40	Semester:	Whole Year
Prerequisite:	Admission to a taught postgraduate degree programme		
Programme(s):	Optional module for Mediaeval Studies, Middle Eastern History & Culture, and Middle Eastern & Central Asian Security Studies M.Litt. Postgraduate Programmes		
Description:	This module will be directed at the reading of primary source material. For intermediate students this will mean taking them to a level at which they can read current affairs material and/or simple literary/historical texts. For advanced students it will mean taking them to a level at which they can read and comment on primary source material of relevance to their research interests.		
Class Hour:	To be arranged.		
Teaching:	Two lectures and one tutorial.		
Assessment:	Continuous Assessment = 100%		

AR5237 Beginning Arabic for Postgraduates

Credits:	40	Semester:	Whole Year
Prerequisite:	Admission to a taught postgraduate degree programme		
Anti-requisite:	Previous study or knowledge of Arabic beyond beginner's level		
Programme(s):	Optional module for Mediaeval Studies, Middle Eastern History & Culture, and Middle Eastern & Central Asian Security Studies M.Litt. Postgraduate Programmes		
Description:	This module will teach students the essentials of Arabic grammar and syntax so that they can begin to read simple Arabic media/current affairs-related texts and to write basic standard Arabic.		
Class Hour:	To be arranged.		
Teaching:	Four lectures and dedicated tutorial.		
Assessment:	Continuous Assessment = 40%, 2 Hour Examination (40% written 20% oral) = 60%		

Mediaeval Studies – 5000 Level Modules 2010/11 – August 2010

AR5301 Arabic for Postgraduate Studies I

Credits:	20	Semester:	1
Anti-requisite:	Previous study or knowledge of Arabic beyond beginner's level		
Programme(s):	Optional module for Mediaeval Studies M.Litt. Postgraduate Programmes		
Description:	This is an optional module for students taking the MLitt in Mediaeval Studies (reported within MS5021, Core Language and Texts 1). This module will provide students with an introduction to Arabic language, and will be based on the teaching for AR1001 or AR2001, as appropriate.		
Class Hour:	To be arranged.		
Teaching:	Four lectures and one tutorial.		
Assessment:	Continuous Assessment = 40%, 2 Hour Examination (40% written 20% oral) = 60%		

AR5302 Arabic for Postgraduate Studies II

Credits:	20	Semester:	2
Anti-requisite:	Previous study or knowledge of Arabic beyond beginner's level		
Programme(s):	Optional module for Mediaeval Studies M.Litt. Postgraduate Programmes		
Description:	This is an optional module for students taking the MLitt in Mediaeval Studies (reported within MS5022, Core Language and Texts 2). This second semester module will provide students with an introduction to Arabic language, and will be based on the teaching for AR1001 or AR2001, as appropriate.		
Class Hour:	To be arranged.		
Teaching:	Four lectures and one tutorial.		
Assessment:	Continuous Assessment = 40%, 2 Hour Examination (40% written 20% oral) = 60%		

GK1001 Greek Language for Beginners

Credits:	20	Semester:	1
Anti-requisite:	GK1005		
Programme:	This module is available within MS5021 for the Mediaeval Studies Taught Programme.		
Description:	This module provides a thorough grounding in the Greek language for beginners or near beginners. It is suitable both for students who intend to take further Greek modules and for those who wish to acquire a basic knowledge of Greek, which is useful for the study of other subjects in the Faculty such as History or English.		
Class Hour:	10.00 am		
Teaching:	Four classes each week.		
Assessment:	Continuous Assessment = 40%, 2 Hour Examination = 60%		
Re-Assessment:	3 Hour Examination = 100%		

GK1002 Greek Literature for Beginners

Credits:	20	Semester:	2
Prerequisite:	GK1001, or equivalent knowledge of Greek.		
Anti-requisite:	GK1006		
Programme:	This module is available within MS5021 for the Mediaeval Studies Taught Programme.		
Description:	This module is designed to follow on from GK1001. As such, GK1002 comprises language classes intended to supplement the topics covered in semester 1 and to prepare students for the challenge of reading and interpreting Greek literature. One prose set text will be studied in the original Greek in such a way as both to enhance the linguistic confidence of students and to explore literary and cultural issues arising from the works. The current set text is a speech by Lysias (written for a sensational murder trial), which opens up a range of themes important for the larger history of Greek literature in its historical context.		
Class Hour:	10.00 am		
Teaching:	Four seminars.		
Assessment:	Continuous Assessment = 50%, 2 Hour Examination = 50%		
Re-Assessment:	3 Hour Examination = 100%		

Mediaeval Studies – 5000 Level Modules 2010/11 – August 2010

GK5010 Greek Language

Credits:	40	Semester:	Whole Year
Programme(s):	Optional module for Ancient History, Classical Studies, Greek & Latin, Mediaeval Studies, and Theological Interpretation of Scripture Postgraduate Taught Programmes.		
Description:	This module is designed to provide both beginners and near-beginners with a thorough grounding in the grammar and syntax of ancient Greek, together with an introduction to the reading of ancient Greek texts. The first semester is devoted to an intensive set of language classes, the second to a combination of set-text study with further language classes.		
Class Hour:	10 am and by arrangement.		
Teaching:	Four classes.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

IT5901 Italian for Postgraduate Studies 1

Credits:	20	Semester:	Either
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Optional module for Taught Postgraduate Programmes outwith Modern Languages		

IT5902 Italian for Postgraduate Studies 2

Credits:	20	Semester:	2
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		

ME5012 Sources and Source Criticism (20)

Credits:	20	Semester:	1
Programme(s):	Optional module for Mediaeval Studies Postgraduate Taught Programme. (Reported under MS5025)		
Description:	This module addresses interpretation and criticism of mediaeval sources. A taught core in semester one concentrates upon a selected central body of documentation and its associated problems and introduces appropriate skills training. This is completed in semester two by an extended paper, together with training in seminar presentation and discussion skills. Students taking this module as a 20 credit option in the MLitt in Mediaeval Studies will complete only the taught core in semester one.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hour seminar and individual tutorials as required.		
Assessment:	Continuous Assessment = 100%		

MS5021 Core Language and Text Skills 1 (Greek, Italian or Arabic)

Credits:	20	Semester:	1
Programme(s):	Optional module for Mediaeval Studies Postgraduate Taught Programme		
Description:	An optional module providing an introduction to one of the core languages for studying the middle ages.		
Class Hour:	To be arranged.		
Teaching:	One seminar each week.		
Assessment:	Pass/Fail		

MS5022 Core Language and Text Skills 2 (Greek, Italian or Arabic)

Credits:	20	Semester:	2
Programme(s):	Optional module for Mediaeval Studies Postgraduate Taught Programme		
Description:	An optional module providing an introduction to one of the core languages for studying the middle ages.		
Class Hour:	To be arranged.		
Teaching:	One seminar each week.		
Assessment:	Pass/Fail		

Mediaeval Studies – 5000 Level Modules 2010/11 – August 2010

MS5023 An Introduction to Palaeography with Codicological and Manuscript Studies

Credits: 20 Semester: Whole Year

Programme(s): Optional module for Mediaeval Studies Postgraduate Taught Programme

Description: This hands-on, practical, source-based module is designed to equip the student to tackle the reading, transcription and editing of manuscripts up to c.1500. Primarily a practical skills course, class time will concentrate primarily on the actual reading of manuscripts and necessary codicological work, with (e.g.) editing skills being introduced within the context of transcription assignments. Efforts will be made to include work with original sources from the Library's collections, which are of relevance to special subjects and/or dissertation.

Class Hour: To be arranged.

Teaching: One seminar and one practical each week.

Assessment: Continuous Assessment = 100%

MS5024 Mediaeval Language

Credits: 20 Semester: 1

Programme(s): Optional module for Mediaeval Studies Postgraduate Taught Programme

Description: An optional module providing an introduction to one mediaeval language. Grounding in the grammar of and translation from the language will be acquired with the help of grammar exercises and translation practice on original texts. The aim is to get all students to an acceptable level of proficiency in reading and translation. Sufficient prior knowledge of the language to embark on the module at an appropriate level may be requested. Time and students' linguistic expertise permitting, some literary contextualization of the texts studied and translated may also be included. The languages normally available include, Middle Scots, Old Norse, Old English, Mediaeval French and Middle High German.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

MS5025 Discipline Skills

Credits: 20 Semester: 1

Programme(s): Optional module for Mediaeval Studies Postgraduate Taught Programme

Description: This module is a specialised course introducing students to one particular discipline within mediaeval studies. This can either be mediaeval art history, mediaeval English literature, mediaeval French language and literature, mediaeval German language and literature, mediaeval history, or mediaeval Italian literature. Both students already familiar with the discipline and newcomers are welcome.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

MS5026 Directed Reading in Mediaeval Studies I

Credits: 20 Semester: 1

Programme(s): Optional module for Mediaeval Studies Postgraduate Taught Programme

Description: This module is a detailed study of a Mediaeval topic of the student's own choice taught by tutorials with one or more colleagues in the participating Schools.

Class Hour: To be arranged.

Teaching: One tutorial.

Assessment: Continuous Assessment = 100%

MS5027 Directed Reading in Mediaeval Studies II

Credits: 20 Semester: 2

Programme(s): Optional module for Mediaeval Studies Postgraduate Taught Programme

Description: This module is a detailed study of a Mediaeval topic of the student's own choice taught by tutorials with one or more colleagues in the participating Schools.

Class Hour: To be arranged.

Teaching: One tutorial.

Assessment: Continuous Assessment = 100%

Mediaeval Studies – 5000 Level Modules 2010/11 – August 2010

MS5028 Latin for Mediaeval Studies

Credits: 20 Semester: Whole Year
Programme(s): Optional module for Mediaeval Studies Postgraduate Taught Programme
Description: This module provides an introduction to Latin language for the study of the Middle Ages.
Class Hour: To be arranged.
Teaching: One seminar.
Assessment: Continuous Assessment = 100%

MS5099 Dissertation for M.Litt. Programme

Credits: 60
Prerequisite: An average grade of at least 13.5 in course work.
Programme(s): Compulsory module for Mediaeval Studies M.Litt. Postgraduate Programme
Description: A 15,000 word interdisciplinary dissertation, to be written under the supervision of teaching staff, who will advise on the choice of subject and provide guidance throughout the research process. To be submitted by the end of August.
Class Hour: At times to be arranged with the supervisor.
Teaching: Individual Supervision.
Assessment: Dissertation = 100%

MS5110 Narrative and History in Mediaeval England and Scotland 1370-1470

Credits: 40 Semester: Whole Year
Programme(s): **Compulsory** module for Mediaeval English Postgraduate Taught Programmes
Optional module for Mediaeval History and Mediaeval Studies Postgraduate Taught Programmes
Description: This is an interdisciplinary module taught by the Schools of English and History. It runs over both semesters, with fortnightly seminars based on the reading and discussion of literary and historical texts. Sessions will normally be taught by a historian and a literary specialist in tandem, allowing the differing perspectives of each discipline to be brought to bear on each text or selection of texts.
Class Hour: To be arranged
Teaching: fortnightly seminars
Assessment: Continuous Assessment = 100%

School of Medicine

Head of School Professor H MacDougall

Taught Programmes

M.Sc.: Health Psychology

M.Res. Medicine

Programme Requirements

Health Psychology

M.Sc.: 60 credits from MD5001 - MD5020, 60 credits from MD5090 plus 60 credits from PS5003, PS5005

Medicine

M.Res.: 60 credits from MD5101 - MD5120, 120 credits from MD5190

Modules

MD5001 Theories of Health Psychology and Behaviour Change

Credits: 15 Semester: 1

Programme(s): Compulsory module for M.Sc. in Health Psychology

Description: This module will consist of the knowledge base that covers the context and perspectives of health psychology including an historical overview and current theories and approaches in health psychology. It will include an awareness of other related disciplines, and acknowledgement of social and cultural factors. Theoretical models of health behaviour and behaviour change will be introduced including associated health-related beliefs and cognitions.

Class Hour: To be arranged.

Teaching: Three lectures and a two hour tutorial.

Assessment: Continuous Assessment = 40%, Two Hour Examination = 60%

MD5002 Quality of Life, Communication and Chronic Illness

Credits: 15 Semester: 1

Prerequisite: MD5001

Programme(s): Compulsory module for M.Sc. in Health Psychology

Description: This core module will contain the knowledge base for understanding the conceptual underpinnings of the quality of life field and its importance in generating a debate about the success of health care interventions, assessment of care and definitions of health and illness. The relevance of psychological issues to the person suffering acute and chronic illness will be covered and the important role of communication processes in the interface between patient, clinical staff and care-givers will be included as a key theme. Some practical observation of clinical-related communication processes will be an additional feature of this module.

Class Hour: To be arranged.

Teaching: Three lectures, a two hour tutorial and a practical.

Assessment: Continuous Assessment = 40%, Two Hour Examination = 60%

Medicine – 5000 Level Modules 2010/11 – August 2010

MD5003 Biological Systems and Development

Credits: 15 Semester: 2

Prerequisite: MD5001, MD5002

Programme(s): Compulsory module for M.Sc. in Health Psychology

Description: This core module will introduce the importance of biological and developmental systems to the understanding of people's perceived and actual health status including methods of assessing health behaviour and intervening to change health behaviour. This module will consist of learning a generalisable tool to analyse and pool the effects of interventions, namely meta-analysis.

Class Hour: To be arranged.

Teaching: Three lectures, a two hour tutorial and a practical.

Assessment: Continuous Assessment = 40%, Two Hour Examination = 60%

MD5004 Health Information and Decision Making

Credits: 15 Semester: 2

Prerequisite: MD5001, MD5002, PS5003

Co-requisite: PS5005

Programme(s): Compulsory module for M.Sc. in Health Psychology

Description: This core module introduces the student to the expanding field of health information and decision making. Members of the public, whether they are patients or not are bombarded with health information and mis-information, via various media, from which they may process and make decisions about entering or remaining in the health care system, or embarking on new health or self care interventions designed to improve outcome. Students will acquire understanding on how to assess the influence of these interventions through detailed examination of a mixture of theoretical and practical steps.

Class Hour: To be arranged.

Teaching: Three lectures, a two hour tutorial and a practical.

Assessment: Continuous Assessment = 40%, Two Hour Examination = 60%

MD5090 Research Project in Health Psychology

Credits: 60 Semester: Whole Year

Programme(s): Compulsory module for M.Sc. in Health Psychology

Description: The dissertation will consist of a written report of original, empirical health psychology research, up to 15,000 words in length. It will consist of an appropriate literature review, statement of aims, methods, results, discussion and conclusion sections with supporting bibliography. The project will be supervised and receive ethical approval.

Class Hour: To be arranged.

Teaching: Individual Supervision.

Assessment: Project report = 100%

MD5101 Training in Research Skills

Credits: 30 Semester: 1

Co-requisite: MD5102

Programme(s): Compulsory module for M.Res. in Medicine

Description: This module introduces students to the core skills which underpin medical research. The emphasis will be on how to do research in a health service setting.

Class Hour: To be arranged.

Teaching: One three-hour seminar.

Assessment: Continuous Assessment (Oral Presentation = 25%, Poster Presentation = 25%, Grant Proposal = 50%) = 100%

MD5102 Recent Advances in Medical Research

Credits:	30	Semester:	2
Co-requisite:	MD5101		
Programme(s):	Compulsory module for M.Res. in Medicine		
Description:	This module will take the form of a series of 'masterclasses'. Research active investigators within the Medical School will give presentations on their specialist topics. This will be complemented by a series of journal clubs.		
Class Hour:	To be arranged.		
Teaching:	One three-hour seminar.		
Assessment:	Continuous Assessment (e-portfolio) = 100%		

MD5190 Research Project in Medicine

Credits:	120	Semester:	Whole Year
Co-requisites:	MD5101 and MD5102		
Anti-requisite:	MD5191		
Programme(s):	Compulsory module for M.Res. in Medicine		
Description:	In this module a research project will be undertaken on a single topic relevant to medical research. This will be supervised by a member of academic staff. There will be a formative meeting after three months with a research panel to discuss the aims and objectives of the work.		
Class Hour:	To be arranged.		
Teaching:	Tutorials		
Assessment:	Continuous Assessment, including 12 - 15,000 word project report = 100%		

MD5191 Research Project in Medicine

Credits:	60	Semester:	Whole Year
Co-requisites:	MD5101 and MD5102		
Anti-requisite:	MD5190		
Programme(s):	Compulsory module for Postgraduate Diploma in Medicine		
Description:	In this module a research project will be undertaken on a single topic relevant to medical research. This will be supervised by a member of academic staff. There will be a formative meeting after three months with a research panel to discuss the aims and objectives of the work.		
Class Hour:	To be arranged.		
Teaching:	Tutorials		
Assessment:	Continuous Assessment, including 8 - 12,000 word project report = 100%		

PS5003 Generic Research and Professional Skills in Psychology

Credits:	30	Semester:	Whole Year
Prerequisite:	Acceptance into a research degree in Psychology		
Programme(s):	Compulsory module for M.Sc. in Health Psychology		
Description:	This module introduces students to the various skills and issues which are of importance to academic psychologists irrespective of their particular area of research. Weekly seminars will cover the various topics, such as academic presentations (published writing, talks, posters), the use of technology in order to enhance communication, how to read research reports, how to gain ethical approval for research, and how to build an academic career.		
Class Hour:	To be arranged		
Teaching:	Seventeen 2 hour seminars		
Assessment:	Ten elements of Continuous Assessment		

Medicine – 5000 Level Modules 2010/11 – August 2010

PS5005 Methods of Data Analysis in Psychology

Credits: 30 Semester: 2

Prerequisite: Acceptance into a research degree in Psychology

Programme(s): Compulsory module for M.Sc. in Health Psychology

Description: This module aims to ensure that students are competent in the use of advanced data analysis in psychology. This includes advanced training in common statistics (including regression, analysis of variance and multivariate techniques) plus additional training in qualitative methods. Students will also study more complex topics such as statistical modelling.

Class Hour: To be arranged

Teaching: Eleven 2-hour workshops

Assessment: Ten elements of Continuous Assessment

School of Modern Languages

Including: French, German, Italian, Linguistics, Russian and Spanish

Head of School

Professor M-A Hutton

Taught Programmes

Postgraduate Diploma:

Cultural Identity Studies
French Language Studies
French Studies
German Studies
Italian Studies
Language & Linguistics
Mediaeval Studies (*see section 19*)
Modern Hispanic Literature and Film
Russian Studies
Spanish and Latin American Studies

M.Litt.:

Cultural Identity Studies
French Language Studies
French Studies
German Studies
Italian Studies
Language & Linguistics
Mediaeval Studies (*see section 19*)
Modern Hispanic Literature and Film
Russian Studies
Spanish and Latin American Studies

M.Litt. Mundus Masters (EU)

Crossways in European Humanities

M.Phil.:

Cultural Identity Studies
French Language Studies
French Studies
German Studies
Italian Studies
Language & Linguistics
Mediaeval Studies (*see section 19*)
Modern Hispanic Literature and Film
Russian Studies
Spanish and Latin American Studies

D.Lang.

French Language Studies
German Studies
Language & Linguistics
Russian Studies

Programme Requirements

Any student who has begun one of the programmes listed here may request transfer to Ph.D. status when appropriately qualified, but transfer to D.Lang. status for completion in two further years of fees may only take place once the student's M.Litt. dissertation has been examined and deemed to justify admission to the D.Lang.

Cultural Identity Studies

Postgraduate Diploma:	120 credits; ML5001, ML5006 (totalling 40 credits), and 80 credits chosen from FR5005, FR5007, FR5102, FR5201, GM5037, GM5058, GM5066, GM5068, GM5101, IT5001, IT5002, IT5003, ML5007, ML5008, ML5105, SP5035; other modules from the 5000-level range of language-specific and ML modules may also be taken with the permission of the Course Co-ordinator.
M.Litt.:	120 credits as for Postgraduate Diploma plus ML5099
M.Phil.:	120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words

EU-funded Mundus Masters Programme ‘Crossways in European Humanities’

M.Litt. Mundus Masters:	Standard 2-year course: 120 ECTS (240 credits) to be obtained at three participating universities. Direct-entry 1-year course, with trailing semester: 90 ECTS (180 credits) to be obtained at two participating universities. ML5001, ML5199 and normally ML5006; and other modules from the 5000-level range, as approved by the Programme Co-ordinator.
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French Language Studies

Postgraduate Diploma:	120 credits from FR5001-FR5004, LI5001-LI5008, ML5008, ML5009, ML5012, ML5013, ML5018, ML5019; or 120 credits as specified in the D.Lang. pathway below
M.Litt.:	120 credits as for Graduate Diploma plus FR5199
M.Phil.:	120 credits as for Graduate Diploma plus a thesis of not more than 40,000 words
D.Lang.:	FR5001 or FR5004, and 80 further credits from FR5002, FR5003, LI5001-LI5008, ML5008, ML5012, ML5013, ML5018, ML5019, plus a thesis of not more than 80,000 words

French Studies

Postgraduate Diploma:	ML5001 and 100 credits from FR5005, FR5007 and FR5101 - FR5982
M.Litt.:	120 credits as for Postgraduate Diploma plus FR5199
M.Phil.:	120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words

German Studies

Postgraduate Diploma:	120 credits from GM5001 - GM5302, ML5001, ML5002, ML5009, ML5012, ML5013, ML5201, ML5202; or 120 credits as specified in the D.Lang. pathway below.
M.Litt.:	120 credits as for Postgraduate Diploma plus GM5099
M.Phil.:	120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words
D.Lang.:	GM5001, and 80 further credits from GM5002, GM5027-GM5302, LI5001-LI5008, ML5012, ML5013, plus a thesis of not more than 80,000 words

Modern Languages – 5000 Level Modules 2010/11 – August 2010

Italian Studies

Postgraduate Diploma:	20 credits from ML5001, 100 further credits from IT5001 - IT5195, ML5002, ML5006, ML5007, ML5008, ML5009, ML5018, ML5019, ML5201, ML5202
M.Litt.:	120 credits as for Postgraduate Diploma plus ML5099
M.Phil.:	120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words

Language & Linguistics

Postgraduate Diploma:	120 credits, of which at least 40 shall be from LI5001 - LI5008, up to a further 60 credits from ML5001, ML5008, ML5012, ML5013, ML5018, ML5019, RU5006, RU5007, and the remaining credits chosen from modules in one or two languages chosen from: FR5002, FR5003, GM5002, RU5003, SP5039; or 120 credits as specified in the D.Lang pathway below.
M.Litt.:	120 credits as for Postgraduate Diploma plus ML5099
M.Phil.:	120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words.
D.Lang.:	120 credits, of which 40 shall be from LI5001 - LI5008 or any equivalent module approved by the supervisor, and the 80 or 120 shall be from FR5001 or FR5004, GM5001, RU5001 plus a thesis of not more than 80,000 words

Modern Hispanic Literature and Film

Postgraduate Diploma:	60 credits from ML5001 and SP5201 and a further 60 credits from SP5023-SP5146.
M.Litt.:	120 credits as for Postgraduate Diploma plus SP5099
M.Phil.:	120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words

Russian Studies

Postgraduate Diploma:	120 credits from RU5001-RU5201; or a minimum of 80 credits from these plus up to 40 credits from ML5001, ML5002, ML5009, ML5012, ML5013, ML5201, ML5202; or 120 credits as specified in the D.Lang. pathway below.
M.Litt.:	120 credits as for Postgraduate Diploma plus RU5099
M.Phil.:	120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words
D.Lang.:	RU5001, and 80 further credits from LI5001-LI5008, ML5012, ML5013, RU5003-RU5041, RU5100, RU5201, plus a thesis of not more than 80,000 words

Spanish and Latin American Studies

Postgraduate Diploma:	100 credits from SP5001-SP5146; or SP5201 and one of these and two of ML5001, ML5002, ML5009, ML5012, ML5013, ML5018, ML5019, ML5201, ML5202
M.Litt.:	120 credits as for Postgraduate Diploma plus SP5099
M.Phil.:	120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words

Modern Languages – 5000 Level Modules – 2010/11 – August 2010

Modules

FR5001 Advanced Translation

Credits:	40	Semester:	Whole Year
Antirequisites:	FR3003, FR4104, FR5004		
Programme(s):	Optional module for French Language Studies and Language & Linguistics Postgraduate Taught Programmes, except where compulsory within the corresponding D.Lang. programmes.		
Description:	The module focuses primarily on translation from French into English. The formal properties of texts, generic category, language variety, aspects of contrastive linguistics and stylistic editing are examined in the context of translation strategy and problem solving. Reference to language theory is combined with the acquisition and application of analytic and practical skills. The module deals with a wide range of textual genres, from literary and advertising to technical and scientific, and also includes discussion of some major critical texts on the history, theory and practice of translation.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hour seminar.		
Assessment:	Continuous Assessment = 60%, 3 Hour Examination = 40%		

FR5002 Sociolinguistics of French

Credits:	40	Semester:	Whole Year
Programme(s):	Optional module for French Language Studies and Language & Linguistics Postgraduate Taught Programmes.		
Description:	In the first half of the module the theory and method of sociolinguistics developed from the work of Labov are investigated, together with the methodology of French linguistics studying the relationship between language and society. In the second half of the course a more detailed survey is made of existing work on varieties of standard French, both spoken and written, in order to identify areas and types of research which offer scientific benefits. The subject is pursued through a range of theoretical and data-based studies, which will require students to form their own view as to the current state of research, and areas in which further research would advance the subject.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hour seminar.		
Assessment:	Continuous Assessment = 100%		

FR5003 The French Language Today

Credits:	40	Semester:	Whole Year
Programme(s):	Optional module for French Language Studies and Language & Linguistics Postgraduate Taught Programmes.		
Description:	This module offers a general description of the internal structure of contemporary French, leading to a discussion of the principles of second-language acquisition and language-teaching methodology. The work of the first semester will be concerned with the sounds of French (Phonetics and Phonology) and the language's grammatical structure (Morphology and Syntax). The second semester will look at words and word-meaning (Lexical Semantics), leading to an exploration of Discourse and Pragmatics. The course concludes with an attempt to relate the description of French to the teaching of the language to foreigners.		
Class Hour:	To be arranged.		
Teaching:	One seminar.		
Assessment:	Continuous Assessment = 40%, 2 Hour Examination = 60%		

Modern Languages – 5000 Level Modules 2010/11 – August 2010

FR5004 Applied Translation Studies

Credits:	40	Semester:	Whole Year
Prerequisite:	FR4104 or equivalent		
Antirequisite:	FR5001		
Programme(s):	Optional module for French Language Studies and Language & Linguistics Postgraduate Taught Programmes, except where compulsory within the corresponding D.Lang. programmes.		
Description:	This module develops up to professional standard the knowledge and skills acquired in undergraduate courses in Translation Methodology. It studies texts in French and in translation, including, for example, Racine, <i>Andromaque</i> , and translations by Ambrose Philips, Craig Raine, Douglas Dunn; Camus, <i>L'Etranger</i> , and translations by W.S. Gilbert, J. Laredo. The module also includes discussion of some major critical texts on the history, theory and practice of translation. Two French texts for translation will be chosen by the student in consultation with their tutor.		
Class Hour:	To be arranged.		
Teaching:	One seminar.		
Assessment:	Continuous Assessment = 100%		

FR5007 Echoes of 1940: The Questioning of French Identity

Credits:	40	Semester:	2
Programme(s):	Optional module for Cultural Identity Studies Postgraduate Taught Programme.		
Description:	This module treats the questioning and critical resonance, in national memory and image-making, of the trauma of June 1940, with its divisive aftermath of Resistance and Collaboration. Topics include: the 'Vichy syndrome', Gaullism and Resistance; the myth of France in Resistance poetry; the 'mode retro' in recent fictional writing. Taught in English and in French.		
Class Hour:	To be arranged.		
Teaching:	One lecture, one seminar.		
Assessment:	Continuous Assessment = 100%		

FR5099 Licentiate Dissertation

Credits:	40	Semester:	Whole Year
Prerequisites:	Licence de Lettres Modernes (France) or equivalent.		
Description:	This module is designed as one of the three or four elements making up the Licentiate of European Studies. It is taken by fourth level (Maîtrise) students from French partner universities and offers a framework within which these students can pursue in St Andrews supervised personal research compatible with the 'Mémoire de Maîtrise' required of them in their home universities. The dissertation topic may be related to any of the teaching they have followed in either university; it is agreed with the appointed supervisor and approved by the Chairman of Department.		
Class Hour:	To be arranged.		
Teaching:	Four seminars.		
Assessment:	5,000-6,000 word report in English, Viva in English		

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FR5101 Texts and Ideas in Early Modern France

Credits	20	Semester:	1 or 2
Programme(s):	Optional module for the Advanced Language Studies, Cultural Identity Studies, and French Studies Taught Postgraduate Programmes as well as the Mundus Crossways in European Humanities.		
Description:	This module will study the development of important ideas in early modern France and the texts through which they were transmitted. A range of writings will be examined, such as stage plays, religious works, the writings of moralists, dictionaries and encyclopaedias. The course will take account of issues relating to authorship, reading, publishing and censorship during a particular period, the hand press era, which is also important in the history of the book. The aim of the course will be to show the gradual emergence of a range of moral, religious, political and other ideas which have shaped the modern world, and the part which books have played in facilitating or impeding their expression.		
Class Hour:	To be arranged		
Teaching:	1.5-2 hours		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

FR5102 Perceptions of the Other in French Literature and Culture

Credits	20	Semester:	1 or 2
Programme(s):	Optional module for the Advanced Language Studies, Cultural Identity Studies, and French Studies Taught Postgraduate Programmes as well as the Mundus Crossways in European Humanities.		
Description:	This module will study the way in which non-European cultures have been perceived and represented in French literature and culture. With reference to relevant aspects of the historical, philosophical and theoretical context, the course will investigate how far a number of representative texts, written in French, reflect a movement away from an essentially Eurocentric vision towards more diverse representations of culture, identity, ethnicity and difference. The syllabus will include material such as Delisle de La Drevetièrre's <i>Arlequin sauvage</i> , Diderot's <i>Supplément au voyage de Bougainville</i> , Rimbaud's <i>Une Saison en enfer</i> , Gauguin's <i>Noa Noa</i> , Aimé Césaire's <i>Cahier d'un retour au pays natal</i> and Patrick Chamoiseau's <i>Texaco</i> .		
Class Hour:	To be arranged		
Teaching:	1.5-2 hours		
Assessment:	Continuous Assessment = 100%		

FR5103 Directed Reading in French Literature and Culture

Credits	40	Semester:	1 or 2
Programme(s):	Optional module for the Advanced Language Studies, Cultural Identity Studies, and French Studies Taught Postgraduate Programmes as well as the Mundus Crossways in European Humanities.		
Description:	This module affords an opportunity to explore in greater depth any topic from a completed postgraduate or undergraduate module that the student has identified as being of particular interest. A programme of reading and research directed by an appropriate tutor will allow the student to work autonomously, making regular presentations and progress reports, and so to develop skills appropriate to a transition from the structured teaching and learning which characterises undergraduate work towards the independence which is needed for postgraduate dissertations. The final outcome will take the form of an extended essay or of a critical edition of all or part of a text.		
Class Hour:	To be arranged, fortnightly		
Teaching:	1- 1.5 hours		
Assessment:	Continuous Assessment = 100%		

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FR5104 Advanced Language Skills

Credits	20	Semester:	Whole Year
Programme(s):	Optional module for the Advanced Language Studies, Cultural Identity Studies, and French Studies Taught Postgraduate Programmes as well as the Mundus Crossways in European Humanities.		
Description:	This module, which is not available to native speakers of French, develops and enhances French Language skills to a level suitable for postgraduates. A broad range of exercises will be used, concentrated in 2- to 4-week units, in order to improve students' accuracy, clarity and communicative scope, both orally and in writing. Types of communication covered may include résumés, reports, notes de synthèse, prose, translation, analytical evaluation, creative writing and literary commentary. The language of instruction will be French, and the module will include oral and written elements.		
Class Hour:	To be arranged.		
Teaching:	1 hour		
Assessment:	Continuous Assessment = 40%, 2 hour written Examination + 0.5 hour Oral Examination = 60%		

FR5105 Self and Society: Comic Drama, 1620 - 1740

Credits	40	Semester:	Either
Programme(s):	Optional module for the Cultural Identity Studies, Language & Linguistics and French Studies Taught Postgraduate Programmes as well as the Mundus Crossways in European Humanities.		
Description:	This module brings together two important areas of early-modern French studies, comic drama and intellectual change. It focuses on comic drama from Pierre Corneille, through Scarron and Molière, to Marivaux, as well as lesser-known figures such as Regnard and Dancourt, all of whom are linked in various ways with regard to theme, language and stage-craft. The module will look at four strands which develop across the period and which spread in a widening circle from the epicenter which is 'the self', namely: Love, Family, Honnêteté, and Language. The module aims to give greater understanding of comedy as a mirror of social and intellectual change during the key period of French Classicism and the early Enlightenment.		
Class Hour:	To be arranged.		
Teaching:	Seminars and occasional lectures.		
Assessment:	Continuous Assessment = 100%		

FR5106 The Metamorphoses of Orpheus: Song in Nineteenth-Century French Poetry

Credits	40	Semester:	Either
Programme(s):	Optional module for the Cultural Identity Studies, Language & Linguistics and French Studies Taught Postgraduate Programmes as well as the Mundus Crossways in European Humanities.		
Description:	Historians and theoreticians of French poetry have, since the Middle Ages, insisted on the close relationship between poetry and music, consistently theorizing poetry in terms of its song. This module explores the wide range of poetic songs which emerge during the richest and most varied period of French poetry (1820 - 1900). By studying a refreshing and innovative combination of poetic texts, some major and some unjustly overlooked, we will examine how poets use song to engage with theories of gender, form, word and music studies, and ask why it remains so central to so many different, and apparently unconnected, poetic genres and movements.		
Class Hour:	To be arranged.		
Teaching:	Seminars and occasional lectures.		
Assessment:	Continuous Assessment = 100%		

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FR5107 Culture and Technology in Contemporary France

Credits	40	Semester:	Either
Programme(s):	Optional module for the Cultural Identity Studies, Language & Linguistics and French Studies Taught Postgraduate Programmes as well as the Mundus Crossways in European Humanities.		
Description:	This module explores the notion of technique(s) in the broad sense of the term in relation to that of culture. The question of the definition of the term 'technique' and its evolution will itself be examined and contrasted with that of art and technology. Based on the reading of a number of essays which locate technique(s) at the heart of the notion of culture and its political dimensions, this module invites students to consider culture in terms of individual and collective identity as well as at the level of visual culture and the unprecedented development of technologies and means of communication.		
Class Hour:	To be arranged.		
Teaching:	Seminars and occasional lectures.		
Assessment:	Continuous Assessment = 100%		

FR5108 Autofiction and the Media in Contemporary French Literature and Culture

Credits	40	Semester:	Either
Programme(s):	Optional module for the Cultural Identity Studies, Language & Linguistics and French Studies Taught Postgraduate Programmes as well as the Mundus Crossways in European Humanities.		
Description:	This module is designed to explore the development of autofiction as a theoretical tool and as a practice in contemporary French literature and culture. The module will provide an overview of the emergence and development of autofiction and its close relationship with the media (television, journalism, the internet) and with new forms of communication (such as blogging). Students will be encouraged to reflect on the overlap between the theory and the practice of autofiction by studying critical texts and examples of autofictions by writers such as Serge Doubrovsky, Marie Darrieussecq and Philippe Vilain. They will also explore the role of various types of media in the development of the genre by looking at the autofictional practices of, for example, Christine Angot, Camille Laurens and Sophie Calle.		
Class Hour:	To be arranged.		
Teaching:	Seminars and occasional lectures.		
Assessment:	Continuous Assessment = 100%		

FR5109 Twenty-first Century French Fiction: Creating the Contemporary

Credits	40	Semester:	Either
Programme(s):	Optional module for the Cultural Identity Studies, Language & Linguistics and French Studies Taught Postgraduate Programmes as well as the Mundus Crossways in European Humanities.		
Description:	What do we mean by 'contemporary' literature? Who are the important new writers (how can we tell?) and what literary trends are emerging in the twenty-first century? This module aims to provide students with a critical introduction to aspects of very recent French fiction by combining readings on aesthetics and canon-formation with the analysis of a range of post-2000 works of fiction. The texts are selected on the basis of the light they cast on recent literary debates in France (such as accusations of stylistic ineptitude; of an unhealthy disengagement with 'the real world'; or claims about the emergence of a supra-national 'littérature monde'.)		
Class Hour:	To be arranged.		
Teaching:	Seminars and occasional lectures.		
Assessment:	Continuous Assessment = 100%		

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FR5199 Dissertation for M.Litt. programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Compulsory module for French Language Studies, French Studies M.Litt. Postgraduate Programmes.
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

FR5201 A Special Subject in French or Francophone Culture

Credits	20	Semester:	1 or 2
Programme(s):	Optional module for the French Studies Taught Postgraduate Programme or other Taught Postgraduate Programmes in the Arts Faculty as well as the Mundus Crossways in European Humanities.		
Description:	This module is designed to build on knowledge of French cultural discourse acquired at undergraduate level, and to facilitate the critical study of a selected body of French-language material taken from the fields of literature, electronic media or popular culture. Detailed analysis, combined with the investigation of the context and critical reception of the material in question will form the core of the module. Its aim is to allow students to pursue particular interests which overlap with areas of teaching and research expertise among the academic staff.		
Class Hour:	To be arranged.		
Teaching:	An average of one-and-a-half hours weekly comprising a combination of lectures and seminars		
Assessment:	Continuous Assessment = 100%		

FR5901 French for Postgraduate Studies 1

Credits:	20	Semester:	1 or 2
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Optional module for Taught Postgraduate Programmes outwith Modern Languages		

FR5902 French for Postgraduate Studies 2

Credits:	20	Semester:	2
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Taught Postgraduate Programmes outwith Modern Languages		

FR5972 Study Abroad Module (60)

Credits	60	Semester:	2
Programme(s):	Optional module for the French Studies Taught Postgraduate Programme.		
Description:	This module will allow students enrolled for the MLitt in French Studies to undertake a semester of study at a partner university in France, and while there to follow taught postgraduate courses which are appropriate to their programme of study in St Andrews.		
Class Hour:	To be arranged.		
Teaching:	4.5 - 6 hours		
Assessment:	The type of assessment will depend on the module(s) chosen at the host institution		

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FR5982 Study Abroad Module (20)

Credits	20	Semester:	2
Programme(s):	Optional module for the French Studies Taught Postgraduate Programme.		
Description:	This module will allow students enrolled for the M.Litt. in French Studies to undertake a semester of study at a partner university in France, and while there to follow taught postgraduate courses which are appropriate to their programme of study in St Andrews.		
Class Hour:	To be arranged.		
Teaching:	1.5 - 2 hours		
Assessment:	The type of assessment will depend on the module(s) chosen at the host institution		

GM5001 German-English Translation Methodology

Credits:	40	Semester:	2
Programme(s):	Optional module for German Studies and Language & Linguistics Postgraduate Taught Programmes, except where compulsory within the corresponding D.Lang. programmes.		
Description:	The module is designed to build on the knowledge of translation methodology acquired at undergraduate level, and to reinforce conceptual understanding with extensive practical translation experience. Texts are mainly twentieth century and from a range of genres, including non-literary genres such as journalistic, technical and consumer texts. There is an essential course book: Hervey, Higgins, Loughridge: <i>Thinking German Translation</i> (Routledge 2006).		
Class Hour:	To be arranged.		
Teaching:	Two seminars, one tutorial		
Assessment:	Continuous Assessment = 75%, 3 Hour Examination = 25%		

GM5002 The Linguistics of Modern German

Credits:	40	Semester:	Either
Programme(s):	Optional module for German Studies and Language & Linguistics Postgraduate Taught Programmes.		
Description:	Basic concepts of linguistics are introduced such as phoneme, morpheme, lexeme, in their relevance to Modern German. A selection will be made from the following topics: Saussurean structuralism and the linguistic sign; the passive construction; two areas of language and politics: feminist linguistics and 'Nukespeak'; word classes; functions of language; word formation; tense and irregular verbs; methodology, particularly the 'method of lexical exceptions'.		
Class Hour:	To be arranged.		
Teaching:	Two lectures, one seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

GM5012 The Method of Lexical Exceptions in German

Credits:	40	Semester:	Either
Anti-requisite:	LI5004		
Programme(s):	Optional module for German Studies and Language & Linguistics Postgraduate Taught Programmes.		
Description:	This module is for students specializing in German. The 'method of lexical exceptions' is a method of research in linguistics in which one uses unexplained lexical exceptions as an empirical way to investigate a grammatical rule. Two rules and their exceptions in German are considered: the passive and non-passivizable transitive verbs; and tense formation and irregular verbs. Saussurean structuralism, which considers language as a system whose elements are determined by their place in the system and in which consequently unexplained exceptions should not occur, is the theoretical background to the module. It follows from the indivisibility of the sign that the linguist will find both a new rule and a new meaning for the construction being investigated at the same time.		
Class Hour:	To be arranged.		
Teaching:	One lecture, one seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

GM5058 A Special Subject in German, Austrian or Swiss Culture (20)

Credits: 20 Semester: Either

Programme(s): Optional module for German Studies Postgraduate Taught Programme.

Description: This module is designed to build on knowledge of German cultural discourse acquired at undergraduate level, and to facilitate the critical study of a selected body of German-language material taken from the fields of literature, film, electronic media or popular culture. Detailed analysis, combined with investigation of the context and critical reception of the material in question will form the core of the module. Its aim is to allow students to pursue particular interests which overlap with areas of teaching and research expertise among the academic staff.

Class Hour: To be arranged.

Teaching: Average of One-and-a-half hour weekly comprising combination of lectures and seminars.

Assessment: Continuous Assessment = 100%

GM5068 A Special Subject in German, Austrian or Swiss Culture (40)

Credits: 40 Semester: Either

Programme(s): Optional module for German Studies Postgraduate Taught Programme.

Description: This module is designed to build on knowledge of German cultural discourse acquired at undergraduate level, and to facilitate the critical study of a selected body of German-language material taken from the fields of literature, film, electronic media or popular culture. Detailed analysis, combined with investigation of the context and critical reception of the material in question will form the core of the module. Its aim is to allow students to pursue particular interests which overlap with areas of teaching and research expertise among the academic staff.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

GM5069 Gender and German Writing

Credits: 40 Semester: 2

Programme(s): Optional module for German Studies Postgraduate Taught Programme.

Description: The module explores issues of gender in German writing from the Middle Ages to the present. It will investigate the construction of gender identity in texts, gendered views of one sex by the other, and differential perceptions of social and political phenomena. Particular focuses will include topics such as the representation of love, sexuality and marriage, views of war, performance of gender, historical changes in conceptions of gender.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

GM5070 King Arthur and the Holy Grail: The world of Mediaeval Romance

Credits: 40 Semester: Either

Programme(s): Optional module for German Studies Postgraduate Taught Programme.

Description: The grail, King Arthur, knights in shining armour – this module investigates the literary works behind the myths, some of the most famous texts in the history of German literature. Using a range of recent theoretical approaches – New Philology, postcolonialism, gender, queer, body and visibility studies, amongst others, we will discuss topics like the quest, courtly love, kings and queens, visual versus aural communication, war and battle, and modern reception of mediaeval myths.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

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GM5071 Cultural History of the Mediaeval Body

Credits: 40 Semester: Either

Programme(s): Optional module for German Studies Postgraduate Taught Programme.

Description: Even bodies have a history, and thinking about past constructions of the body can radically challenge our own 'natural' views of embodied identity. This module will examine the recent theoretical developments in this area and concentrate on a particularly fascinating case in point, bodies in mediaeval German culture, including art, literature, medicine, law and religion. Topics will comprise: skin and boundaries; virginity and sexuality; clothes, hair and beauty; face and recognition; conception and birth; sickness and death; torture and saintliness; gestures and power; gender and cultural identity.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100

GM5072 The Prussian Myth

Credits: 40 Semester: Either

Programme(s): Optional module for German Studies Postgraduate Taught Programme.

Description: The module will look at the creation and dissemination of the idea of Prussia as an ideal state, Prussian rulers as capable and just and Prussian soldiers as particularly disciplined and yet courageous. It will include a study of historical and literary texts from the 17th century to the present which will illuminate the changing image of Prussia and the difficult re-appropriation of Prussian history by the German media and public in recent years. There will be an additional option to look at the treatment of Prussian legends in German film.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

GM5099 Dissertation for M.Litt. programme/s

Credits: 60

Prerequisite: An average grade of at least 13.5 in course work.

Programme(s): Compulsory module for German Studies M.Litt. Postgraduate Programmes.

Description: Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.

Class Hour: At times to be arranged with the supervisor.

Teaching: Individual Supervision.

Assessment: Dissertation = 100%

GM5101 German Identities

Credits: 20 Semester: 2

Programme(s): Optional module for Cultural Identity Studies, German Studies Postgraduate Taught Programmes.

Description: The module examines selected aspects of the different and changing responses to the question of what 'Germany' has meant from the Holy Roman Empire, through the empires of Austria and Germany in the 19th century to the Third Reich and finally the divided and reunified Germany during and after the Cold War. Particular focuses include topics such as the emergence of linguistic and cultural identity rather than the national identity of the Middle Ages, the idea of the 'Kulturation', Austrian cultural identity, the immediate aftermath of the Second World War, and problems of identity in the new Germany since 1990. The module will involve the study of representative literary and historical texts which reflect the debate about national and cultural identity.

Class Hour: To be arranged.

Teaching: One-and-a-half to two hours lecture/seminar.

Assessment: Semester 1 - Continuous Assessment = 50%, 3 Hour Examination = 50%;
Semester 2 - Continuous Assessment = 100%

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GM5201 Introduction to Mediaeval German Literature (40)

Credits:	40	Semester:	1
Programme(s):	Optional module for German Studies Postgraduate Taught Programmes.		
Description:	This is a specialised course introducing students to mediaeval German language and literature. Some prior knowledge of modern German is required.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 100%		

GM5301 Middle High German

Credits:	20	Semester:	1
Programme(s):	Optional module for German Studies or Mediaeval Studies Postgraduate Taught Programmes.		
Description:	This module is an introduction to Middle High German language. An optional module for any MLitt in the area of German studies. Also available as a 20 credit module for the MLitt in Mediaeval Studies. Sufficient prior knowledge of modern German to embark on the module at the appropriate level is expected. Grounding in the grammar of and translation from the languages will be acquired with the help of grammar exercises and translation practice on original texts. The aim is to get all students to an acceptable level of proficiency in reading and translation. Time and students' linguistic expertise permitting, some literary contextualization of the texts studied and translated may also be included.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 100%		

GM5302 Introduction to Mediaeval German Literature (20)

Credits:	20	Semester:	1
Programme(s):	Optional module for Mediaeval Studies Postgraduate Taught Programmes.		
Description:	This is a specialised course introducing students to mediaeval German language and literature. Some prior knowledge of modern German is required. Also available as a 20 credit module for the MLitt in Mediaeval Studies as MS 5025.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 100%		

GM5901 German for Postgraduate Studies 1

Credits:	20	Semester:	Either
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Optional module for Taught Postgraduate Programmes outwith Modern Languages		

GM5902 German for Postgraduate Studies 2

Credits:	20	Semester:	2
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Taught Postgraduate Programmes outwith Modern Languages		

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IT5001 Memory and Identity: The Existential and Political cinema of Nanni Moretti

Credits:	20	Semester:	Either
Programme(s):	Available to Arts Faculty students registered on Postgraduate Taught Programmes. Optional module for Cultural Identity Studies and Film Studies Postgraduate Taught Programmes.		
Description:	This module studies the work of Nanni Moretti, one of the most important voices of modern contemporary Italian Cinema. Nanni Moretti's cinema explores Italian society and its socio-political development from the rebellious late 1960s through to the present day. He observes and comments on politics and society through an ironical, though sensitive and compassionate camera, and creates more or less dark comedies that show originality, social engagement, courage, and respect for the fathers and mothers, all combined in his postmodernist style. His discourse encompasses the current state of the Italian people also from an existential point of view, and is imbued with a psycho-analytical approach to life, politics, and artistic writing and filmmaking generally.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hour seminar.		
Assessment:	Continuous Assessment = 100%		

IT5002 Italian Humanism and the Foundations of European Identity

Credits:	20	Semester:	Either
Programme(s):	Available to Arts Faculty students registered on Postgraduate Taught Programmes. Optional module for Cultural Identity Studies and Mundus Crossways in European Humanities Postgraduate Taught Programmes.		
Description:	Italian Humanism produced a distinct notion of the function of culture which remains central to the intellectual history of Europe. This module will explore the origins and codification of an established common notion of <i>humanitas</i> and individuality which spread across Europe in the wake of Petrarch's groundbreaking approach to the study of the past and consideration of the future. Starting with Petrarch's epistle <i>Ad posteritatem</i> and continuing with the works of thinkers such as Bruni, Alberti, Manetti, Valla, Pico della Mirandola, and Erasmus, the module examines the construction of the dominant intellectual paradigm centred on Man that characterized the modern period in Western Europe. No knowledge of Latin or Italian is required for this module.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hour seminar.		
Assessment:	Continuous Assessment = 100%		

IT5003 Concepts of Love in Early Italian Literature

Credits:	20	Semester:	1
Programme(s):	Available to Arts Faculty students registered on Postgraduate Taught Programmes. Optional module for Cultural Identity Studies, Mediaeval Studies and Mundus Crossways in European Humanities Postgraduate Taught Programmes.		
Description:	Much of Italian fourteenth-century lyric poetry engaged directly with the question 'what is love?', while Boccaccio's <i>Decameron</i> devotes whole days to stories on the subject. This module aims to examine that question across a range of Mediaeval Italian literary texts in order to arrive at an understanding of the different concepts of love developed in this crucial period in the history of Italian culture.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hours comprising lectures and seminars.		
Assessment:	Continuous Assessment = 100%		

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IT5004 New Italian Narrative Models: Pavese, Vittorini and Calvino, 1939-1957

Credits: 20 Semester: Either

Availability: Not available 2010-11

Programme(s): Available to Arts Faculty students registered on Postgraduate Taught Programmes. Optional module for Cultural Identity Studies, Italian Studies, Mediaeval Studies and Mundus Crossways in European Humanities Postgraduate Taught Programmes.

Description: The module introduces students to the debate on the role of the publishing house Einaudi (Turin) during the crucial period of cultural and literary reconstruction in post-1945 Italy. From Einaudi's inception in 1933, Giulio Einaudi emphasized the international nature of its editorial policy and instituted a project of renewal which would be realized through shifts in the Italian narrative code. Central in the shaping of new Italian narrative models were the three editors and writers Cesare Pavese, Elio Vittorini and Italo Calvino. Both their creative work and their editorial policies, sometimes in conflict, sought to connect a still provincial and canonical Italian literary scene with contemporary foreign literatures and new areas of interdisciplinarity.

Class Hour: To be arranged.

Teaching: One seminar.

Assessment: Continuous Assessment = 100%

IT5005 Extended Study in Italian Literature and Culture

Credits: 20 Semester: Either

Programme(s): Available to Arts Faculty students registered on Postgraduate Taught Programmes. Optional module for Cultural Identity Studies, Italian Studies, Mediaeval Studies and Mundus Crossways in European Humanities Postgraduate Taught Programmes.

Co-requisite: A 20 credit taught 5000-level Italian module.

Description: This module is designed to accompany one of the 20-credit 5000-level taught modules in Italian Studies in order to allow students to extend their study in the topic or area covered by the taught module. This will comprise additional critical study of a selected body of cognate material agreed with the tutor in the co-requisite module.

Class Hour: To be arranged.

Teaching: One tutorial.

Assessment: Continuous Assessment = 100%

IT5036 A Special Subject in Italian Culture

Credits: 20 Semester: Either

Programme(s): Available to Arts Faculty students registered on Postgraduate Taught Programmes. Optional module for Cultural Identity Studies and Mundus Crossways in European Humanities Postgraduate Taught Programmes.

Description: This module is designed to build on knowledge of specific areas of Italian culture acquired at undergraduate or postgraduate level, and to facilitate the critical study of a selected body of material in Italian and/or related languages, taken from the fields of literature, film, or linguistics. Detailed analysis, combined with investigation of the context and/or critical reception of the material in question will form the core of the module. Its aim is to allow students to pursue particular interests which overlap with areas of teaching and research expertise among the academic staff.

Class Hour: To be arranged.

Teaching: One-and-a-half hours comprising lectures and seminars.

Assessment: Continuous Assessment = 100%

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IT5101 Directed Reading in Italian Literature and Culture

Credits:	40	Semester:	2
Programme(s):	Available to Arts Faculty students registered on Postgraduate Taught Programmes. Optional module for Cultural Identity Studies, Italian Studies, Mediaeval Studies and Mundus Crossways in European Humanities Postgraduate Taught Programmes.		
Description:	This module is designed to build on knowledge of specific areas of Italian culture acquired at undergraduate or postgraduate level, and to facilitate the critical study in greater depth of a selected body of material in Italian taken from the fields of literature, film or linguistics. A programme of reading and research directed by a tutor will allow students to work autonomously and develop the skills required for the production of postgraduate research. The topic may be developed from a taught course taken in the first semester.		
Class Hour:	To be arranged.		
Teaching:	Fortnightly meetings, varying in format between seminars, discussions, presentations and discussions of submitted written work.		
Assessment:	Continuous Assessment = 100%		

IT5901 Italian for Postgraduate Studies 1

Credits:	20	Semester:	1
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Optional module for Taught Postgraduate Programmes outwith Modern Languages		

IT5902 Italian for Postgraduate Studies 2

Credits:	20	Semester:	2
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages		
Programme(s):	Taught Postgraduate Programmes outwith Modern Languages		

LI5001 General Linguistics

Credits:	20	Semester:	1
Programme(s):	Optional module for French Language Studies, German Studies, Language & Linguistics and Russian Studies Postgraduate Taught Programmes.		
Description:	The module aim is to consolidate basic areas of General Linguistics as a foundation for more specialised aspects of advanced study. This may be achieved through studying core linguistics such as phonology, morphology, syntax and semantics, or through an introduction to topics such as applied, corpus or historical linguistics, discourse analysis, or languages in contact.		
Class Hour:	To be arranged.		
Teaching:	One seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

LI5002 Research Methods in Linguistics

Credits:	20	Semester:	2
Programme(s):	Optional module for French Language Studies, German Studies, Language & Linguistics and Russian Studies Postgraduate Taught Programmes.		
Description:	This module further enables the development by the student of facilities in research skills. It develops expertise in the selective gathering of data, the use of linguistic terminology, and the preparation of material for presentation and publication. The core aim will be the involvement of the student in the design and completion of a project, conceived as the application of some issue, theoretical or methodological or a combination of both, to a topic within the student's particular field of study. It is pursued under the direction of a member of the department concerned and constitutes a practical exercise in research both in itself and as a preparation for the M.Litt. or research dissertation/thesis.		
Class Hour:	To be arranged.		
Teaching:	Seminars.		
Assessment:	5000 word project write-up = 100%		

LI5004 The Method of Lexical Exceptions

Credits: 40 Semester: 1

Anti-requisite: GM5012

Programme(s) Optional module for French Language Studies, Language & Linguistics and Russian Studies Postgraduate Taught Programmes.

Description: The 'method of lexical exceptions' is a method of research in linguistics in which one uses unexplained lexical exceptions as an empirical way to investigate a grammatical rule. Two rules and their exceptions are considered: the passive and non-passivizable transitive verbs; and tense formation and irregular verbs; in English, German and Russian. Saussurean structuralism, which considers language as a system whose elements are determined by their place in the system and in which consequently unexplained exceptions should not occur, is the theoretical background to the module. It follows from the indivisibility of the sign that the linguist will find both a new rule and a new meaning for the construction being investigated at the same time.

Class Hour: To be arranged.

Teaching: One lecture and one seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

LI5006 Translation Studies Methodologies

Credits: 20 Semester: 1

Programme(s) Optional module for French Language Studies, German Studies, Language & Linguistics and Russian Studies Postgraduate Taught Programmes.

Description: This module provides an overview of recent approaches to translation, both linguistic and cultural, and provides a methodological foundation for the comparative study of translation practice in a range of genres and registers. Particular attention will be paid to the creative insights achieved by the *Thinking Translation* approach, and by the use of bilingual corpora to compare language structures and their use in translations. Students will be encouraged to elaborate for themselves the theoretical and methodological implications of these descriptive approaches.

Class Hour: To be arranged.

Teaching: One-and-a-half hour lecture.

Assessment: Continuous Assessment = 100%

LI5007 Sociolinguistic Methodologies

Credits: 40 Semester: 2

Programme(s) Optional module for French Language Studies, German Studies, Russian Studies and Language & Linguistics Postgraduate Taught Programmes.

Description: This module provides students with a foundation in some of the methods commonly used in sociolinguistic research. The history of sociolinguistics being largely the development and constant refinement of empirical work, the module begins with an overview of the gradual configuration of methods in parallel with awareness of sociolinguistic phenomena. The focus will then be on some of the salient approaches used in the field from the mid-20th century, involving quantitative and qualitative methods. In line with the nature of the discipline, theoretical issues will form an integral part of the module content.

Class Hour: To be arranged.

Teaching: Three seminars.

Assessment: Continuous Assessment = 100%

LI5008 A Special Subject in Linguistics

Credits: 20 Semester: Either

Programme(s) Optional module for French Language Studies, German Studies, Russian Studies and Language & Linguistics Postgraduate Taught Programmes.

Description: This module offers study of a topic in the field of Linguistics which will allow students to benefit from the expertise of a member of staff in a particular area which corresponds to their personal interests and requirements. The specific content will be determined by consultation between student and member of staff.

Class Hour: To be arranged.

Teaching: One-and-a-half hour seminars.

Assessment: Continuous Assessment = 100%

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ML5001 Theory and Practice of Literary Research 1

Credits: 20 Semester: 1
Programme(s): **Compulsory** module for Cultural Identity Studies, French Studies, Italian Studies and Modern Hispanic Literature and Film Postgraduate Taught Programmes.

Optional module for German Studies, Language & Linguistics, Russian Studies, Spanish and Latin American Studies Postgraduate Taught Programmes.

Description: This module seeks to provide the kind of research training now regarded as indispensable for all postgraduates. It has both a theoretical and a practical orientation, and seeks to relate one to the other. Its aims are to (i) debate and enrich our common concepts of writing and reading, of evaluating and relating texts, by providing a range of different perspectives on literary theory and the methodology of criticism and literary research; (ii) offer practical advice on conceiving, pursuing, organising and successfully completing a literary research project.

Class Hour: To be arranged.

Teaching: Lecture/Seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

ML5002 Theory and Practice of Literary Research 2

Credits: 20 Semester: 2

Anti-requisite: ML5104

Programme(s): Optional module for German Studies, Italian Studies, Russian Studies, Spanish and Latin American Studies Postgraduate Taught Programmes.

Description: This module will involve the design and completion by a student of a project essay, conceived as the application of some aspect of theory or methodology arising from ML5001 to a work or body of writing in the student's particular field of study. This part of the course would be pursued under the direction of a member of the department concerned, and would constitute a practical exercise in research as a preparation for the M.Litt. or research dissertation.

Class Hour: To be arranged.

Teaching: One tutorial.

Assessment: Continuous Assessment = 100%

ML5006 Problems of Culture and Identity 1

Credits: 20 Semester: 1

Programme(s): Compulsory module for Cultural Identity Studies Postgraduate Taught Programme.

Description: The module, together with ML5001 provides the compulsory 'core' taken by all students enrolled for the M.Litt. in Cultural Identity Studies and for the Mundus Masters M.Litt. in Crossways in European Humanity. Accessible to students with diverse linguistic competences, it aims to introduce major aspects and dimensions of the question of cultural identity. Through the study of a broad-range of particular cultural identities, it seeks to enhance understanding of the concepts and mechanisms involved in the formation of collective identity as such (the 'poetics' of cultural identity). Particular topics treated include: concepts of culture and identity; identity and language; collective memory; icons of identity; historiography and myth; complex identities and cultural hybridity.

Class Hour: To be arranged.

Teaching: One-and-a-half to two hours lecture/seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

ML5007 Problems of Culture and Identity 2

Credits: 20 Semester: 2

Programme(s): Optional module for Cultural Identity Studies Postgraduate Taught Programme and for the Mundus Masters M.Litt. Crossways in European Humanities.

Description: The module aims to explore further major aspects, dimensions of cultural identity beyond those studied in ML5006. Particular topics treated include: ideology, religion and identity; minority and majority, region and nation; political institutions and national/cultural identity; post-colonial identities; Self and Other (cultural encounter, interperceptions), the European bond.

Class Hour: To be arranged.

Teaching: One-and-a-half to two hours lecture/seminar.

Assessment: Continuous Assessment = 100%

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ML5008 Language and Nation in Europe

Credits:	20	Semester:	1 or 2
Programme(s):	Optional module for Cultural Identity Studies, French Language Studies and Language & Linguistics Postgraduate Taught Programmes.		
Description:	This module examines the extent to which cultural identity is embodied in language, of the relationship between language and the exercise of political power. Specific topics include: multilingualism, the nature of standard languages, the place of regional languages, attitudes to language and the effect of language planning.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half to two hours lecture/seminar.		
Assessment:	Continuous Assessment = 100%		

ML5009 Critical Review and Research Project Evaluation

Credits:	20	Semester:	1 & 2 (taught twice)
Anti-requisite:	ML5104		
Programme(s):	Optional module for any MLitt student in the School of Modern Languages.		
Description:	This module is designed for students concerned to explore and assess the viability of a potential research topic in any subject area of Modern Languages. It consists of exercises establishing a bibliography of existing primary and critical writings; in the evaluation by review of extant secondary material in the area; and in the consequent development and framing of a proposal for original research towards a higher degree (M.Phil. or Ph.D.).		
Class Hour:	To be arranged.		
Teaching:	Seminars and Tutorials as required.		
Assessment:	Continuous Assessment = 100%		

ML5012 Mediaeval Translation Studies I

Credits:	20	Semester:	1
Co-requisite:	ML5013		
Programme(s):	Optional module for French Language Studies, German Studies, Language & Linguistics, Russian Studies and Spanish and American Studies Postgraduate Taught Programmes.		
Description:	This module offers students the opportunity to study translations into one or more vernaculars in Western and Eastern Europe, where the individual translations studied would be chosen in accordance with the research interests of those teaching the course. The module will comprise: (i) the in-depth study of two major mediaeval translations in one or two vernaculars depending on the requirements of the student; (ii) a review of any aids to translation relevant to the texts being studied; (iii) a detailed consideration of the theoretical pronouncements on translation.		
Class Hour:	To be arranged.		
Teaching:	One 2 hour seminar.		
Assessment:	Continuous Assessment = 100%		

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ML5013 Mediaeval Translation Studies II

Credits:	20	Semester:	2
Prerequisite:	ML5012		
Programme(s):	Optional module for French Language Studies, German Studies, Language & Linguistics, Russian Studies and Spanish and American Studies Postgraduate Taught Programmes.		
Description:	This module offers students the opportunity to study translations into one or more vernaculars in Western and Eastern Europe, where the individual translations studied would be chosen in accordance with the research interests of those teaching the module. The module will comprise: (i) the in-depth study of two major mediaeval translations in one or two vernaculars depending on the requirements of the student; (ii) a review of any aids to translation relevant to the texts being studied; (iii) a detailed consideration of the theoretical pronouncements on translation.		
Class Hour:	To be arranged.		
Teaching:	One 2 hour seminar.		
Assessment:	Continuous Assessment = 100%		

ML5018 Romance Linguistics and Philology I

Credits:	20	Semester:	1
Co-requisite:	ML5019		
Programme(s):	Optional module for French Language Studies, Language & Linguistics, and Spanish and Latin American Studies Postgraduate Taught Programmes.		
Description:	This module is a presentation of Classical and Vulgar Latin (phonology, morphology, syntax, lexicon), followed through to Early Romance and the earliest written forms of modern Romance languages. ML5018 and ML5019 will be linked by a critical investigation of the emergence of the standard Romance languages in the context of the <i>Questione della lingua</i> , competing variants, dialect status, language contact, nationalism, identity, linguistic prestige, linguistic purity.		
Class Hour:	To be arranged.		
Teaching:	Two lectures/seminars.		
Assessment:	Continuous Assessment = 100%		

ML5019 Romance Linguistics and Philology II

Credits:	20	Semester:	2
Prerequisite:	ML5018		
Programme(s):	Optional module for French Language Studies, Language & Linguistics and Spanish and Latin American Studies Postgraduate Taught Programmes.		
Description:	This module presents a detailed examination of the grammatical (including phonological) structure of three Romance languages (from three different branches). ML5018 and ML5019 will be linked by a critical investigation of the emergence of the standard Romance languages in the context of the <i>Questione della lingua</i> , competing variants, dialect status, language contact, nationalism, identity, linguistic prestige, linguistic purity.		
Class Hour:	To be arranged.		
Teaching:	Two lectures/seminars.		
Assessment:	Continuous Assessment = 100%		

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ML5099 Dissertation for M.Litt. programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Anti-requisite:	ML5199
Programme(s):	Compulsory module for Advanced Language Studies, Cultural Identity Studies and Language & Linguistics M.Litt. Postgraduate Programmes.
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

ML5104 10 ECTS Dissertation Report (Mundus)

Credits:	20	Semester:	2
Prerequisite:	Admission to Mundus Masters programme ‘Crossways in European Humanities’		
Anti-requisite:	ML5009		
Programme(s):	Compulsory module in Mundus Masters Postgraduate Taught Programme.		
Description:	The Semester 2 Dissertation Report (10 ECTS) is an extended scholarly essay of approximately 10,000 words, reviewing the critical material available and outlining a first approach to the research topic to be addressed in the Masters Dissertation. The student collects the necessary data and performs the following specified operations: (i) determination and evaluation of a corpus of primary material, together with a first effort of analysis designed to explore and demonstrate the potential of the subject ; (ii) bibliographical survey of secondary sources, analysing and evaluating all critical material to be used; (iii) definition of perspectives of approach and methodology to be followed by the 30 ECTS Dissertation; (iv) delimitation of the subject and determination of title, together with a proposed plan.		
Class Hour:	To be arranged.		
Teaching:	5-10 hours over semester.		
Assessment:	Continuous Assessment = 100%		

ML5105 Europe and America : dialogues and identity formation in text, film and theory

Credits:	20	Semester:	Either
Programme(s):	Optional module in Cultural Identity Studies and Mundus Masters Postgraduate Taught Programmes.		
Description:	This module will focus on the relationship between Europe and the Americas (i.e. Latin and North America, including Canada). It will explore the ways in which European authors and thinkers encounter, embrace, oppose or reject American cultures, politics and values, and how American authors in turn react to European influences. The subject will be studied through a range of literary, filmic and theoretical approaches generated in France, Germany, Spain, Italy and Russia, as well as in Latin and North America, from the discovery of the New World to the 21st century. More particularly, this module will invite students to further their awareness and understanding of the notions of identity and power at play in the many different discourses generated in Europe about America as well as different axes or networks of dialogue between North America, Latin America and Europe.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hours comprising a combination of lectures and seminars.		
Assessment:	Continuous Assessment = 100%		

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ML5199 Mundus 30 ECTS Dissertation

Credits: 60

Prerequisite: Admission to Mundus Masters programme 'Crossways in European Humanities'

Anti-requisite: ML5099

Programme(s): Compulsory module in Mundus Masters Postgraduate Taught Programmes.

Description: The 30 ECTS (60 credit) module is a compulsory 20,000 word dissertation written on an approved topic as the culmination of the EU-funded Mundus Masters programme. Normally, it is written at the third University of the student's study itinerary during Semester 4 of the programme. In the one-year, direct entry variant of the programme, it is prepared during the 'trailing semester' (non-residential) which runs from the end of semester 2 to the following 31 September. In both cases, it is written in one of the principal languages of study (not in the language of the country of study) and is supervised by a 'principal' and a 'support' supervisor from two Universities of the Consortium.

Class Hour: To be arranged.

Teaching: Two seminars and three tutorials over semester.

Assessment: Continuous Assessment = 100%

ML5201 Film and Issues of European Identity

Credits: 20

Semester: 2

Programme(s): Available to Arts Faculty students registered on Postgraduate Taught Programmes. Optional module for Film Studies Taught Postgraduate Programme.

Description: A team-taught interdisciplinary module, designed to give an introduction to some central issues in the theory and practice of cinema. Issues covered characteristically include the relation of political power to the cinema, film narrative, gender issues and representation, cinema realism and semiotics. The topics will be drawn from a list including film theory and the philosophy of film, and from aspects of French nouvelle vague cinema, Spanish, German and Soviet film. The availability of the module in any given year will be conditional on adequate student numbers.

Class Hour: To be arranged.

Teaching: 22 hours over semester.

Assessment: Continuous Assessment = 100%

ML5202 Film Studies II

Credits: 20

Semester: 2

Prerequisite: ML5201

Programme(s): Available to Arts Faculty students registered on Postgraduate Taught Programmes.

Description: This module will consist of the preparation of a supervised project essay, of approximately 7,000 words in length on a topic approved by the course co-ordinator in conjunction with the project supervisor. The project will be designed to explore further some of the theoretical issues examined in module ML5201 and/or apply these issues to a particular film or body of films.

Class Hour: To be arranged.

Teaching: To be arranged

Assessment: Continuous Assessment = 100%

RU5001 Advanced Translation

Credits: 40

Semester: Either

Programme(s): Optional module for Central & East European Studies and Russian Studies Postgraduate Taught Programmes, except where compulsory within the corresponding D.Lang. programmes.

Description: The module will provide training in advanced translation from Russian to English, from English to Russian, and in the evaluation of translations by comparing originals with their translation (Russian and English only).

Class Hour: To be arranged.

Teaching: One-and-a-half hour seminar, one tutorial.

Assessment: Continuous Assessment = 100%

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RU5003 The Structure and Development of Russian

Credits:	40	Semester:	Either
Programme(s):	Optional module for Central & East European Studies, Language & Linguistics and Russian Studies Postgraduate Taught Programmes.		
Description:	The main emphasis of this module is on the development of modern standard Russian. The study of the early history of Russian and Church Slavonic leads on to the development of the modern literary language. The course will concentrate mainly on phonology, morphology, word formation and lexicon.		
Class Hour:	To be arranged.		
Teaching:	Two seminars.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

RU5006 Slavonic Linguistics and Philology I

Credits:	20	Semester:	1
Co-requisite:	RU5007		
Programme(s):	Optional module for Central & East European Studies, Language & Linguistics and Russian Studies Postgraduate Taught Programmes.		
Description:	This module is a presentation of Common Slavonic (phonology, morphology, syntax, lexicon), followed through to Old Church Slavonic and the earliest written forms of modern Slavonic languages. RU5006 and RU5007 will be linked by a critical investigation of the emergence of the standard Slavonic languages in the context of the <i>Questione della lingua</i> , competing variants, dialect status, language contact, nationalism, identity, linguistic prestige, linguistic purity.		
Class Hour:	To be arranged.		
Teaching:	Two lecture/seminar.		
Assessment:	Continuous Assessment = 100%		

RU5007 Slavonic Linguistics and Philology II

Credits:	20	Semester:	2
Prerequisite:	RU5006		
Programme(s):	Optional module for Central & East European Studies, Language & Linguistics and Russian Studies Postgraduate Taught Programmes.		
Description:	This module is a detailed examination of the grammatical (including phonological) structure of three Slavonic languages (from three different branches). RU5006 and RU5007 will be linked by a critical investigation of the emergence of the standard Slavonic languages in the context of the <i>Questione della lingua</i> , competing variants, dialect status, language contact, nationalism, identity, linguistic prestige, linguistic purity.		
Class Hour:	To be arranged.		
Teaching:	Two lectures/seminar.		
Assessment:	Continuous Assessment = 100%		

RU5021 The Nineteenth-Century Russian Short Story

Credits:	40	Semester:	Either
Programme(s):	Optional module for Central & East European Studies and Russian Studies Postgraduate Taught Programmes.		
Description:	The module is designed to build on the knowledge of Russian literature acquired at undergraduate level, and specifically to concentrate on the genre of short prose fiction as it developed during the nineteenth century. The most important creators of Russian short prose fiction are studied, beginning with the Romantics (Odoevskii, Vel'tman, Dal'), proceeding to the short stories of the major nineteenth-century authors (Pushkin, Gogol, Turgenev, Tolstoy), and ending with the stories of Leskov, Garshin and Chekhov.		
Class Hour:	To be arranged.		
Teaching:	Two lectures, one seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

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RU5023 The Russian Novel 1840-1880

Credits: 40 Semester: Either

Programme(s): Optional module for Central & East European Studies and Russian Studies Postgraduate Taught Programmes.

Description: The module is designed to build on the knowledge of Russian literature acquired at undergraduate level, and specifically to concentrate on the genre of the novel as it developed during the mid-nineteenth century. The works of the leading realist Russian novelists of the period are studied. The selection will be in part dictated by which works candidates have already read, but the course embraces the novels of Gogol, Turgenev, Tolstoy, Dostoevsky, Goncharov and Saltykov-Shchedrin.

Class Hour: To be arranged.

Teaching: Two lectures, one seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

RU5031 Russian Modernist Fiction 1895-1930

Credits: 40 Semester: Either

Programme(s): Optional module for Central & East European Studies and Russian Studies Postgraduate Taught Programmes.

Description: The module is designed to build on the knowledge of Russian literature acquired at undergraduate level, and specifically to concentrate on the experimental prose fiction produced by Russian modernist writers in the first three decades of the twentieth century, including selected fictional works of Dmitrii Merezhkovskii, Andrei Belyi, Fëdor Sologub and Aleksei Remizov.

Class Hour: To be arranged.

Teaching: Two lectures, one seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

RU5033 Russian Literature 1550-1750

Credits: 40 Semester: Either

Programme(s): Optional module for Central & East European Studies and Russian Studies Postgraduate Taught Programmes.

Description: This module will study important works of the mid-sixteenth century, stories of the seventeenth century and the beginnings of Russian verse. The course will include the study of *Domostroy*, the correspondence between Kurbsky and Ivan IV, a number of texts and stories relating to the time of troubles, the seventeenth-century secular texts and the early works of Russia's Old Believers.

Class Hour: To be arranged.

Teaching: One seminar, one tutorial.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

RU5035 Russian Writers of the 1920s

Credits: 40 Semester: Either

Programme(s): Optional module for Central & East European Studies and Russian Studies Postgraduate Taught Programmes.

Description: The module is designed to build on the knowledge of Russian literature acquired at undergraduate level, and specifically to concentrate on the fiction produced by 'fellow-traveller' writers in the aftermath of the October 1917 Revolution, including selected fictional works of Evgenii Zamiatin, Isaak Babel', Iurii Olesha, Mikhail Bulgakov.

Class Hour: To be arranged.

Teaching: Two lectures, one seminar.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

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RU5037 Russian Acmeism

Credits:	40	Semester:	Either
Programme(s):	Optional module for Central & East European Studies and Russian Studies Postgraduate Taught Programmes.		
Description:	The module is designed to build on the knowledge of Russian literature acquired at undergraduate level, and specifically to concentrate on the poetic theory and practice of the Acmeist movement, including selected poetry and/or prose of Nikolai Gumilëv, Sergei Gorodetskii, Anna Akhmatova and Osip Mandel'shtam.		
Class Hour:	To be arranged.		
Teaching:	Two lectures, one seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

RU5039 Russian Fiction 1880-1940

Credits:	40	Semester:	Either
Programme(s):	Optional module for Central & East European Studies and Russian Studies Postgraduate Taught Programmes.		
Description:	The module is designed to build on the knowledge of Russian literature acquired at undergraduate level, and specifically to concentrate on the fiction of realist and neo-realist writers before 1917 and on the theory and practice of Socialist Realism in the period preceding the Second World War, including selected fictional works of Leonid Andreev, Ivan Bunin, Maksim Gor'kii, Aleksandr Fadeev, for example.		
Class Hour:	To be arranged.		
Teaching:	Two lectures, one seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

RU5041 Detailed Study of a Russian Author or Period

Credits:	40	Semester:	Either
Programme(s):	Optional module for Central & East European Studies and Russian Studies Postgraduate Taught Programmes.		
Description:	The module is designed to build on the knowledge of Russian literature acquired at undergraduate level, and will concentrate on the detailed analysis of the work of a single Russian author or literary period.		
Class Hour:	To be arranged.		
Teaching:	Two lectures, one seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

RU5099 Dissertation for M.Litt. programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Compulsory module for Russian Studies M.Litt. Postgraduate Programmes.
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

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RU5100 Readings in Central and Eastern European Languages

Credits: 20 Semester: Either

Prerequisite: Near-fluent command of Russian.

Programme(s): Optional module for Central & East European Studies Postgraduate Taught Programmes.

Description: This module introduces the study of a Central or East European language. It will involve intensive study of the phonology, morphology, syntax and lexicon of the language chosen. The student will, after completion of the module, have achieved a sufficiently high level of reading knowledge to allow him/her to read and understand academic and everyday documents in the target language.

Class Hour: To be arranged.

Teaching: One seminar, one tutorial and two practical classes.

Assessment: Continuous Assessment = 50%, 3 Hour Examination = 50%

RU5201 Old Church Slavonic

Credits: 40 Semester: Either

Programme(s): Optional module for Russian Studies, Cultural Identity Studies and other Arts Faculty Postgraduate Taught Programmes.

Description: This module consists of an intensive study of the oldest recorded Slavonic language - Old Church Slavonic; it primarily involves the rapid acquisition of the grammar of the language (focusing on the noun, adjective, pronoun, verb, et al) and the reading of a significant selection of texts from the very beginning of the semester. Throughout the course of the semester, reference is also made to the history of Russian and other Slavonic languages, placing Old Church Slavonic in context for the student.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 50%, Three Hour Examination = 50%

RU5301 A Special Subject in Russian Culture

Credits: 20 Semester: Either

Programme(s): Optional module for Russian Studies, Cultural Identity Studies and other Arts Faculty Postgraduate Taught Programmes.

Description: This module is intended as a 20-credit alternative to RU5041. It is designed to build on the knowledge of Russian literature acquired at undergraduate level (and, where appropriate, in the first semester of an MLitt programme). It concentrates on the in-depth study of the work of a single Russian author or literary period. The analysis of primary text material will be supplemented with consideration of the most pertinent secondary and critical sources.

Class Hour: To be arranged.

Teaching: One-and-a-half seminar.

Assessment: Continuous Assessment = 100%

RU5901 Russian for Postgraduate Studies 1

Credits: 20 Semester: Either

Prerequisite: Sufficient prior knowledge of the language to embark on the module at an appropriate level.

Anti-requisite: Enrolment as taught or research postgraduate in Modern Languages.

Programme(s) Optional module for Taught Postgraduate Programmes outwith Modern Languages

RU5902 Russian for Postgraduate Studies 2

Credits: 20 Semester: 2

Prerequisite: Sufficient prior knowledge of the language to embark on the module at an appropriate level.

Anti-requisite: Enrolment as taught or research postgraduate in Modern Languages.

Programme(s): Taught Postgraduate Programmes outwith Modern Languages

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SP5021 Study of a Golden Age Author

Credits:	40	Semester:	Whole Year
Programme(s):	Optional module for Spanish and Latin American Studies, and Modern Hispanic Literature and Film Postgraduate Taught Programmes.		
Description:	Fundamental issues in contemporary Golden Age study will be raised in the areas of textual criticism and bibliography, critical trends and close reading of texts concentrating on one author.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half hour fortnightly seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

SP5023 Literature of the River Plate

Credits:	40	Semester:	Either
Programme(s):	Optional module for Spanish and Latin American Studies, and Modern Hispanic Literature and Film Postgraduate Taught Programmes.		
Description:	This module concentrates on some of the major texts from nineteenth and twentieth-century Argentina and Uruguay, an important area of cultural development in Latin America. The texts studied will be drawn from one of the following groups: gaucho literature (a selection from Hidalgo's poetry, <i>Facundo</i> , <i>Martín Fierro</i> , <i>Don Segundo Sombra</i> , the rural short story;) or cosmopolitanist writing (selected from nineteenth-century texts, early twentieth-century women poets, the work of Borges, Onetti, Cortázar, and more recent authors).		
Class Hour:	To be arranged.		
Teaching:	Two seminars.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

SP5024 A Special Subject in Latin American Literature

Credits:	40	Semester:	Either
Programme(s):	Optional module for Spanish and Latin American Studies, and Modern Hispanic Literature and Film Postgraduate Taught Programmes.		
Description:	This module allows the detailed study of a Latin American author or period. The texts studied will be selected works of the author or period prescribed.		
Class Hour:	To be arranged.		
Teaching:	Two seminars.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

SP5025 Literature and/or Historiography in Latin America (1492-1700)

Credits:	40	Semester:	Whole Year
Programme(s):	Optional module for Spanish and Latin American Studies, and Modern Hispanic Literature and Film Postgraduate Taught Programmes.		
Description:	The aim of the module is to consolidate critical reading through the interpretation of texts from the colonial period of Latin America. The syllabus will be determined in the light of the interests of the students, the number of texts prescribed depending on the length of the texts in question.		
Class Hour:	To be arranged.		
Teaching:	One seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

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SP5029 Ortega and Avant-garde Prose Fiction

Credits:	40	Semester:	Either
Programme(s):	Optional module for Spanish and Latin American Studies, and Modern Hispanic Literature and Film Postgraduate Taught Programmes.		
Description:	This module examines the relationship between the ideas on the novel expressed by the influential philosopher José Ortega y Gasset and the experimental prose fiction written in Spain between approximately 1926 and 1930. A selection of representative texts from these years, by writers such as Antonio Espina, Ernesto Giménez Caballero and Benjamín Jarnés, will be studied.		
Class Hour:	To be arranged.		
Teaching:	One lecture, one seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

SP5030 Literature of the Spanish Civil War

Credits:	40	Semester:	Either
Programme(s):	Optional module for Spanish and Latin American Studies, and Modern Hispanic Literature and Film Postgraduate Taught Programmes.		
Description:	This module centres on the impact of the Civil War on the creative writing produced in Spain during the war itself. Through a study of representative texts from different genres (poetry, theatre, prose fiction), it examines how writers from both sides incorporated their experience of the war and expressed their ideological affiliations in the work they produced at the time.		
Class Hour:	To be arranged.		
Teaching:	One lecture, one seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

SP5032 Independent Mexico, 1821 - 1855

Credits:	40	Semester:	Whole Year
Programme(s):	Optional module for Spanish and Latin American Studies, and Modern Hispanic Literature and Film Postgraduate Taught Programmes.		
Description:	This module will concentrate on the early national period in Mexico, also known as the 'age of chaos', the 'age of Santa Anna', and most significantly 'the forgotten years'. The module will provide a presentation of the political systems of the period, focusing on the political factions and ideologies which emerged amongst Liberals and Conservatives, and the classical notions/myths of caudillismo, predatory praetorianism, and ecclesiastical politics, as they have been addressed in the historiography. This will be followed by an examination of General Antonio López de Santa Anna (President on eleven separate occasions). The two pathways will be linked by a critical investigation of the myths which continue to obscure our understanding of this period in the context of available historical data, focusing on primary sources and recent developments in the historiography.		
Class Hour:	To be arranged.		
Teaching:	One lecture/seminar with tutorials as appropriate.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

SP5033 A Special Subject in Twentieth Century Spanish Literature

Credits:	40	Semester:	1
Programme(s):	Optional module for Cultural Identity Studies, Modern Hispanic Literature and Film, or Spanish & Latin American Studies Postgraduate Taught Programmes.		
Description:	A study of a topic (e.g. author, genre, movement) in the field of Spanish Literature of the twentieth century.		
Class Hour:	To be arranged.		
Teaching:	One lecture/seminar with tutorials as appropriate.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

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SP5035 Cultural Identities of Latin America

Credits:	20	Semester:	1 or 2
Prerequisites:	If Semester 1, general programme entry requirements. If Semester 2, normally core modules in the Cultural Identity Studies M.Litt. Other suitably qualified students may be admitted at the discretion of the Programme co-ordinator.		
Programme(s):	Optional module for Cultural Identity Studies or Modern Hispanic Literature and Film Postgraduate Taught Programmes.		
Description:	The module explores the multi-dimensional hybridity of Latin American identities (Argentinian, Uruguayan, Peruvian, Mexican, Cuban) in a genetic perspective, concentrating on ethnic, national and cultural factors. Particular topics treated include: Indian, European and native-American origins; post-colonial Latin America in the nineteenth and twentieth centuries; national myths, icons, practices, references and values. Particular cases are studied through representative texts. Taught in English and Spanish.		
Class Hour:	To be arranged.		
Teaching:	One-and-a-half to two hours lecture/seminar.		
Assessment:	Semester 1 - Continuous Assessment = 50%, 3 Hour Examination = 50%; Semester 2 - Continuous Assessment = 100%		

SP5036 A Special Subject in Latin American Literature

Credits:	20	Semester:	Either
Programme(s):	Optional module for Cultural Identity Studies, Modern Hispanic Literature and Film and Spanish & Latin American Studies Postgraduate Taught Programmes.		
Description:	This module offers a study of a topic (e.g. author, genre, movement) in the field of Latin American literature. This module is intended to allow students, when appropriate, to benefit from the expertise of a member of staff in a particular area that corresponds to their interests or needs. The specific content will be determined by consultation between student and staff member.		
Class Hour:	To be arranged.		
Teaching:	Seminars.		
Assessment:	Continuous Assessment = 100%		

SP5037 A Special Subject in Twentieth-Century Spanish Literature

Credits:	20	Semester:	Either
Programme(s):	Optional module for Cultural Identity Studies, Modern Hispanic Literature and Film and Spanish & Latin American Studies Postgraduate Taught Programmes.		
Description:	This module offers a study of a topic (e.g. author, genre, movement) in the field of twentieth-century Spanish literature. This module is intended to allow students, when appropriate, to benefit from the expertise of a member of staff in a particular area that corresponds to their interests or needs. The specific content will be determined by consultation between student and staff member.		
Class Hour:	To be arranged.		
Teaching:	Seminars.		
Assessment:	Continuous Assessment = 100%		

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SP5038 A Special Subject in Golden Age Spanish Literature

Credits:	20	Semester:	Either
Programme(s):	Optional module for Cultural Identity Studies, Modern Hispanic Literature and Film and Spanish & Latin American Studies Postgraduate Taught Programmes.		
Description:	This module offers a study of a topic (e.g. author, genre, movement) in the field of Golden Age Spanish literature. This module is intended to allow students, when appropriate, to benefit from the expertise of a member of staff in a particular area that corresponds to their interests or needs. The specific content will be determined by consultation between student and staff member.		
Class Hour:	To be arranged.		
Teaching:	Seminars.		
Assessment:	Continuous Assessment = 100%		

SP5039 A Special Subject in Spanish Linguistics

Credits:	20	Semester:	Either
Programme(s):	Optional module for Cultural Identity Studies, Language & Linguistics, Modern Hispanic Literature and Film and Spanish & Latin American Studies Postgraduate Taught Programmes.		
Description:	This module is a study of a topic in the field of Spanish linguistics. This module is intended to allow students to benefit, when appropriate, from the expertise of a member of staff in a particular area that corresponds to their personal interests or needs. The specific content will be determined by consultation between student and member of staff.		
Class Hour:	To be arranged.		
Teaching:	Seminars.		
Assessment:	Continuous Assessment = 100%		

SP5040 Directed Reading in Spanish or Latin American Literature and Culture

Credits:	40	Semester:	Either
Programme(s):	Optional module for Cultural Identity Studies, Language & Linguistics and Spanish & Latin American Studies Postgraduate Taught Programmes as well as the Mundus Crossways in European Humanities programme.		
Description:	This module affords an opportunity to explore in greater depth any topic from a complete postgraduate or undergraduate module that the student has identified as being of particular interest. A programme of reading and research directed by an appropriate tutor will allow the student to work autonomously, making regular presentations and progress reports, and so to develop skills appropriate to a transition from the structured teaching and learning which characterizes undergraduate work towards the independence which is needed for postgraduate dissertations. The final outcome will take the form of an extended essay or of a critical edition of all or part of a text.		
Class Hour:	To be arranged.		
Teaching:	Tutorials.		
Assessment:	Continuous Assessment = 100%		

SP5099 Dissertation for M.Litt. programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Compulsory module for Spanish and Latin American Studies or Modern Hispanic Literature and Film M.Litt. Postgraduate Programmes.
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor.
Teaching:	Individual Supervision.
Assessment:	Dissertation = 100%

Modern Languages – 5000 Level Modules 2010/11 – August 2010

SP5124 Spanish Films

Credits:	20	Semester:	Either
Anti-requisites:	SP5125 and SP5126		
Programme(s):	Optional module for Film Studies and Modern Hispanic Literature and Film Postgraduate Taught Programmes.		
Description:	This module is a brief version of SP5126, which students will join for one semester to develop critical knowledge of Spanish Cinema to acquire a taste of Spanish cinema through the close study of individual films. Students will study about six contrasting films in their context.		
Class Hour:	11.00 am Wednesday.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 100%		

SP5125 Spanish Film Studies

Credits:	30	Semester:	Either
Anti-requisites:	SP5124 and SP5126		
Programme(s):	Optional module for Film Studies and Modern Hispanic Literature and Film Postgraduate Taught Programmes.		
Description:	This module will allow Film Studies students to apply their knowledge and skills of Film Studies to the field of Spanish cinema through the close study of individual films and/or a specific director thus acquiring a knowledge of Spain and the Spanish Film Industry. Students will study about ten contrasting films in their context.		
Class Hour:	11.00 am Wednesday.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 100%		

SP5126 Spanish Cinema

Credits:	40	Semester:	2
Anti-requisites:	SP5124 and SP5125		
Programme(s):	Optional module for Film Studies, Modern Hispanic Literature and Film or Spanish and Latin American Studies Postgraduate Taught Programmes.		
Description:	The aim of the module is to develop critical expertise and knowledge of Spanish cinema through the close study of individual films and/or a specific director. Students will study about ten representative films.		
Class Hour:	To be arranged.		
Teaching:	One seminar.		
Assessment:	Continuous Assessment = 100%		

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SP5146 The Essay on National Identity in Spanish

Credits:	20	Semester:	1 or 2
Programme(s):	Optional module for Cultural Identity Studies, Modern Hispanic Literature and Film, Spanish and Latin American Studies Postgraduate Taught Programmes.		
Description:	The objective of the module is to study a selection of prose written in Spanish on issues of national or group identity over the centuries. The essay genre in Spanish, though traditionally little-studied, is the repository of some of the finest writing in the language, as well as being the expression of a perennial preoccupation amongst cultural commentators: what it has meant to be Hispanic. The module will trace the development of the genre from its early stages in Spain through crucial instances in Spanish America to contemporary times. The works to be studied will be a selection of roughly 5-8 texts, among which are likely to be the following: Nebrija, <i>Gramática sobre la lengua castellana</i> (1492); Hernán Cortés, <i>Segunda carta de relación</i> (1522); Ángel Gavinet, <i>Idearium español</i> (1897); José Enrique Rodó, <i>Ariel</i> (1900); Octavio Paz, <i>El laberinto de la soledad</i> (1950), and a selection of twentieth-century essays from Spain.		
Class Hour:	To be arranged.		
Teaching:	One lecture and one seminar.		
Assessment:	Continuous Assessment = 50%, 3 Hour Examination = 50%		

SP5201 Patterns in Hispanic Literature and Film

Credits:	40	Semester:	1
Programme(s):	Core module for Modern Hispanic Literature and Film and Spanish and Latin American Studies Postgraduate Taught Programmes.		
Description:	The module is a high-level introduction to research areas of modern Hispanic literature and film. The approach is through "national themes", which may vary from year to year, traceable within Spanish and Spanish American culture. One such theme is the journey, a subject associated with some of the greatest texts in Spanish, such as <i>Poema de Mio Cid</i> , a story of reconquest and honour retrieval set at the start of Spain and the Castilian language; <i>Don Quijote</i> , a journey of self-realisation in the face of modernity; or <i>Pedro Paramo</i> , a pilgrimage to the personal roots of the protagonist as well as of Mexico. Relevant modern texts and films illustrating the given theme will be chosen in line with staff expertise.		
Class Hour:	To be arranged.		
Teaching:	One lecture and one seminar.		
Assessment:	Continuous Assessment = 100%		

SP5901 Spanish for Postgraduate Studies 1

Credits:	20	Semester:	Either
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level.		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages.		
Programme(s)	Optional module for Taught Postgraduate Programmes outwith Modern Languages		

SP5902 Spanish for Postgraduate Studies 2

Credits:	20	Semester:	2
Prerequisite:	Sufficient prior knowledge of the language to embark on the module at an appropriate level.		
Anti-requisite:	Enrolment as taught or research postgraduate in Modern Languages.		
Programme(s):	Taught Postgraduate Programmes outwith Modern Languages		

**School of Philosophical, Anthropological and Film Studies
Including: Film Studies, Philosophy and Social Anthropology**

Head of School Professor K J Hawley

Taught Programmes

Conversion Diploma: Philosophy
Social Anthropology

Postgraduate Diploma: Film Studies
Philosophy

M.Litt.: Film Studies
Philosophy

M.Res.: Social Anthropology
Social Anthropology and Amerindian Studies
Social Anthropology with African Studies
Social Anthropology with Pacific Studies

M.Phil.: Film Studies
Philosophy
Social Anthropology
Social Anthropology and Amerindian Studies

Programme Requirements

Film Studies

Postgraduate Diploma: 60 credits from FM5001, and 60 credits from FM5101 – FM5250, GM5073, ML5201, PY5206, PY5314, SP5124, SP5125, SP5126

M.Litt.: 120 credits as for Postgraduate Diploma plus FM5099

M.Phil.: 120 credits as for Postgraduate Diploma plus a thesis of not more than 40,000 words

The St Andrews - Stirling Joint Postgraduate Programme in Philosophy

The Department of Philosophy, in collaboration with the Department of Philosophy at the University of Stirling, offer the following postgraduate taught one-year programme in Philosophy. It is designed as a research training and preparation year for doctoral studies but may be followed as a self-standing course. The course leads to the following:-

Postgraduate Diploma: PY5101, PY5102 and PY5103 together with a further 60 credits from PY5201 - PY5502, ML5201, ML5202 including at least one of PY5201 - PY5205.

M.Litt: 120 credits as for the Postgraduate Diploma plus PY5099

M.Phil: 120 credits as for the Postgraduate Diploma plus a thesis of not more than 40,000 words.

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Social Anthropology

Conversion Diploma:	SA5001, SA5002 and SA5003
M.Res.:	SA5010, SA5011 and SA5099 and a further 60 credits from SS5101 - SS5104, SA5001, SA5002, SA5003, SA5521 as available.
M.Phil.:	As for M.Res. plus a thesis of not more than 40,000 words (in place of SA5099).

Social Anthropology and Amerindian Studies

M.Res.:	SA5010 and/or SA5011, SA5099 and a further 60/90 credits from SA5201, SA5202, SA5203, or other SA5000 modules as available.
M. Phil.:	120 credits as for the M.Res. plus a thesis of not more than 40,000 words

Social Anthropology with African Studies

M.Res.:	SA5010, SA5011, 60 credits from SA5401 - SA5420, SA5099
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Social Anthropology with Pacific Studies

M.Res.:	SA5010, SA5011, 60 credits from SA5301 - SA5320, SA5521, SA5099
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Students whose first degree is not in philosophy may prepare themselves for graduate work in philosophy by taking the:

Conversion Diploma in Philosophy

120 credits, including 60 credits from PY3001 - PY3999; other credits should normally be obtained from sub-honours modules in Philosophy (PY1001 – PY2102). All modules must be chosen by agreement with the director of the graduate programme, who may permit occasional choice of modules from cognate areas of study.

Modules

Film Studies (FM) Modules

FM5001 Theory and Practice of Research in Film Studies

Credits: 60 Semester: Whole Year

Programme(s): Compulsory module for Film Studies Postgraduate Taught Programme

Description: This module seeks to provide the kind of sophisticated theoretical and research skills training now regarded as indispensable for all postgraduates. It has both theoretical and methodological orientation and aims at teaching the students to correlate adequately conceptual frameworks and research designs. Its aim are to (a) debate and enrich our common concepts of reading and analyzing cinematic texts and contexts, by providing a range of different perspectives on film theory and methodology of criticism and various approaches to cinematic research, and (b) offer high-quality training related to methodology which stresses various aspects of conceiving, pursuing, organizing, and successfully completing research projects in film studies.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

Phil, Anthro & Film Studies – 5000 Level Modules 2010/11 – August 2010

FM5099 Dissertation for M.Litt. programme/s

Credits:	60
Prerequisite:	An average grade of at least 13.5 in course work.
Programme(s):	Compulsory module for Film Studies M.Litt. Postgraduate Programme.
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor.
Teaching:	Individual Supervision.
Assessment:	Dissertation = 100%

FM5101 Transnational Cinema and Narrative Convention

Credits:	30	Semester:	1
Availability:	Not available 2010-11		
Anti-requisite:	FM5301		
Programme(s):	Optional module for Film Studies Postgraduate Taught Programme		
Description:	This specialist module will introduce students to important recent developments in the study of cinema. At the centre of investigation will be the evolving discourse on cinema as a profoundly transnational form of cultural expression and its correlation with a range of diverse cultural practices, inter-cultural interaction, and cross-cultural representation. A number of sessions will look at issues at the intersection of transnational film historiography, cultural production and established narrative conventions. Students will become familiar with key critical texts pursuing the discourse on transnationalism (such as Shohat, Appadurai, Ang, Naficy), will be exposed to diverse cinematic material, and will have the opportunity to engage in original research and writing.		
Class Hour:	To be arranged.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 100%		

FM5201 Deleuze and Transnational Cinema

Credits:	30	Semester:	2
Availability:	Not available 2010-11		
Anti-requisite:	FM5302		
Programme(s):	Optional module for Film Studies Postgraduate Taught Programme		
Description:	This module uses the philosophy of Gilles Deleuze to examine issues surrounding transnational cinema. It introduces a range of established theories within the field of Film Studies (such as national cinema, national identity and third cinema), and explores how Deleuze's work can question our use of these previously defined concepts. It contains a significant focus on Deleuze's philosophy of narrative time, and the ways in which this can be applied to recent transnational films from different parts of Europe and Asia. The module also explores how Deleuze's work can uncover the sensory functioning of various diasporic and/or intercultural cinemas, and questions whether this type of transnational cinema can now be considered a genre in its own right. Films discussed typically include Ousmane Sembene's <i>Borom Sarret</i> (1996), Peter Mullan's <i>Orphans</i> (1997), Julie Dash's <i>Daughters of the Dust</i> (1991), Greg Araki's <i>Doom Generation</i> (1995), Atom Egoyan's <i>Calendar</i> (1995) and Anh Hung Tran's <i>The Scent of Green Papaya</i> (1993).		
Class Hour:	To be arranged.		
Teaching:	Two hour seminar.		
Assessment:	Continuous Assessment = 100%		

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FM5202 Heritage Cinemas in the Global Context: The Aesthetics and Politics of Period Film

Credits: 30 Semester: 2

Availability: Not available 2010-11

Anti-requisite: FM5303

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: This module examines the contemporary period film as a versatile object of study through the dual prism of film theory and the heritage debates. From the late 1970s to the early 2000s, the international success of films such as *Cyrano de Bergerac* (1990), *Belle Époque* (1992), *Howards End* (1992), *Orlando* (1992), *The Piano* (1993), *Shakespeare in Love* (1998) and *Russian Ark* (2002), and the subsequent emergence of new critical paradigms around the so-called 'heritage cinemas' have pushed contemporary period drama to the centre stage of the debates about cultural identity and the representation of the national past. The 'heritage film' has been broadly associated with nostalgia and the rise of retro styles in postmodern cultures. However, these films have also been the subject of provocative explorations into the ways they re-inscribe gender, class and post-colonial identities. Theoretical questions such as the relationship between figurality and narrative; spatial and temporal displacement; adaptation and intertextuality, or psychoanalytical approaches to memory and fantasy are explored in the context of the current debates around the role of heritage cinemas in the international film scene, with special reference to the complex articulation of European identities within a globalised image market.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

FM5205 Displaced Identities: Transnational Film Auteur in Cultural Contexts

Credits: 30 Semester: 1

Availability: Not available 2010-11

Anti-requisite: FM5304

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: This specialist module aims at introducing students to a range of important film directors, from Czechoslovakia to India, and to discuss the contextual and transnational issues surrounding their work. While the debate around auteur theory will form an essential part of the conceptual framework for the study of the films, special emphasis will be placed on issues of migrancy, dislocation, nationality, diaspora, and the search for identity. This module also seeks to draw attention to the historical and economic factors which have marginalized certain cinematic traditions and their filmmakers. Students will be exposed to diverse film material, will read key theoretical texts on the topics discussed, and will have the opportunity to engage in original research and writing.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

FM5207 Transnational Cinema and the Global Witness: Film and Human Rights

Credits: 30 Semester: 2

Availability: Not available 2010-11

Anti-requisite: FM5305

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: This specialist module examines the role of film in the formation of politicized publics and its ongoing place in the development of an international human rights regime. We ask how cinema, in form and in practice, has helped to construct a transnational citizen, poised to act on behalf of distant suffering. These explorations include attention to film used in theatrical and non-theatrical settings, whether the early film responses to humanitarian crises ('the Starving Armenians'), the role of film in the Nuremberg Trials, or the present-day merger of entertainment and advocacy or 'advotainment' (e.g. *Blood Diamond*, 2005). Theories of witnessing and of the public sphere will play a central role while questions of their universal applicability (e.g. medium and cultural specificity) are raised.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

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FM5210 Directed Reading in Film Studies

Credits: 30 Semester: 1

Availability: Not available 2010-11

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: The directed reading project is designed to encourage the development of skills in Film Studies through concentrated study of a topic chosen by the students. The project offers the student the opportunity to develop skills of research, analysis and presentation under expert, individualised supervision. As Such, it will serve as a useful transition between the more structured teaching that characterized undergraduate work and the independence of postgraduate dissertations.

Students will be allocated to a member of staff according to their chosen topic. They will then meet with their supervisor for six fortnightly tutorials to discuss the targeted reading they will have undertaken. The module will be assessed by means of a single bibliographical essay of around 5000 words, or by two shorter essays totaling the same length.

Class Hour: To be arranged.

Teaching: Fortnightly tutorials.

Assessment: Continuous Assessment = 100%

FM5211 Transnational Cinema in the Digital Age

Credits: 30 Semester: 1

Availability: Not available 2010-11

Anti-requisite: FM5308

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: This module provides an examination of how digital technology has on a global scale transformed every aspect of the film industry, and of how these transformations have subsequently affected film studies. For digital technology (computers, cameras, etc) has shaped not just the Hollywood film industry, but all film industries everywhere, at all stages of film production, distribution and exhibition, and in all genres. The module will take in a range of films and other texts from different regions, including the USA, Europe and Asia, straddling big budget spectacles, costume dramas, documentaries, games and more.

Class Hour: To be arranged.

Teaching: Two hour lectures.

Assessment: Continuous Assessment = 100%

FM5212 Transnational Reception of Cinema

Credits: 30 Semester: 1

Availability: Not available 2010-11

Anti-requisite: FM5307

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: This module will provide students with a solid grounding in how cinema is received around the globe. To this end, the module will take in psychoanalytic spectatorship theory, together with the various approaches that this spawned (particularly challenges from theorists of gender, race, and sexuality), studies of audience reception, and cognitive approaches to cinema, in particular the trend towards the cinematic application of cognitive neuroscience. By comparing how different films are understood differently in different parts of the globe, students will gain an appreciation of the diverse and potentially transnational aspects of film reception.

Class Hour: To be arranged.

Teaching: Two hour lectures.

Assessment: Continuous Assessment = 100%

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FM5213 The Epic Film in Global Culture

Credits: 30 Semester: 2

Availability: Not available 2010-11

Anti-requisite: FM5306

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: This module will provide students with an understanding of contemporary transnational film production, distribution, and reception by considering the epic film genre. Long considered a nation-centric form, epic cinema has become a crystallized example of transnational cultural production, making use of extensive international co-production and distribution arrangements, drawing on an international talent community, and attracting audiences in large numbers throughout the world. In this module, we will study the new articulation of the epic film as perhaps the first fully transnational film genre, while also considering the provenance of the epic as an expression of nationalist aspirations and imaginings. Students will read a variety of theoretical and historical studies in order to gain a broad, concrete understanding of contemporary film production and distribution, an appreciation of different cultural inflections governing the reception of films circulated in different national contexts, and a sense of how aesthetic form conveys messages that may be at odds with the ostensible themes of the work.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

FM5217 Scotland: Global Cinema

Credits: 30 Semester: 1

Availability: 2010-11

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: This module examines filmmaking in Scotland since the 1990s. Providing first an introduction to existing debates surrounding cinematic representations of Scotland, the module then focuses on the various films made in Scotland by filmmakers from such countries as Scotland, England, the USA, Canada, India and France since the 1990s. Examining film production in Scotland in this way enables an interrogation of Scotland's position as a "global cinema" – both in terms of its status as a small national cinema that makes Scottish films which are consumed nationally and internationally, and as a node in the global film industry through which international flows of film finance, personnel and production flow. The manner in which Scotland is represented by these different filmmakers, their economic agendas and their target markets, provide a nuanced appreciation of the many different types of cinematic Scotland that exist (often rendered as touristic, or fantasy Scotlands) and the varied identities (be they national, transnational, global/local, diasporic, etc) they allow different audiences to experience.

Class Hour: To be arranged.

Teaching: Two hour seminar plus screenings.

Assessment: Continuous Assessment = 100%

FM5218 Documentary Cinema

Credits: 30 Semester: 1

Availability: 2010-11

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: This module surveys the history of documentary film (technological, stylistic, etc.), while taking up the theoretical debates around cinematic claims to truth and representations of reality. Drawing on a robust selection of documentaries from around the world, students will examine how documentary differs from other kinds of filmmaking, how documentaries make 'truth claims', and how these claims influence the ways in which these films are received and circulated. Beginning with the actualities of the Lumière Brothers, students will be exposed to multiple genres (e.g. ethnographic, civic, cinema vérité, experimental, self-reflexive) and filmmakers (e.g. John Grierson, Dziga Vertov, Jean Rouch, Errol Morris) while addressing the variety of arenas (e.g. scientific, civic, commercial) in which documentary has appeared.

Class Hour: To be arranged.

Teaching: Two hour seminar plus screenings.

Assessment: Continuous Assessment = 100%

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FM5301 Issues of Transnational Cinema and Narrative Convention

Credits: 20 Semester: 1

Availability: Not available 2010-11

Anti-requisite: FM5101

Programme(s): Optional module for Postgraduate Taught Programmes outwith Film Studies.

Description: This specialist module will introduce students to important recent developments in the study of cinema. At the centre of investigation will be the evolving discourse on cinema as a profoundly transnational form of cultural expression and its correlation with a range of diverse cultural practices, inter-cultural interaction, and cross-cultural representation. A number of sessions will look at issues at the intersection of transnational film historiography, cultural production and established narrative conventions. Students will become familiar with key critical texts pursuing the discourse on transnationalism (such as Shohat, Appadurai, Ang, Naficy), will be exposed to diverse cinematic material, and will have the opportunity to engage in original research and writing.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

FM5302 Issues of Transnational Cinema and the Philosophy of Gilles Deleuze

Credits: 20 Semester: 2

Availability: Not available 2010-11

Anti-requisite: FM5201

Programme(s): Optional module for Postgraduate Taught Programmes outwith Film Studies.

Description: This module uses the philosophy of Gilles Deleuze to examine issues surrounding transnational cinema. It introduces a range of established theories within the field of Film Studies (such as national cinema, national identity and third cinema), and explores how Deleuze's work can question our use of these previously defined concepts. It contains a significant focus on Deleuze's philosophy of narrative time, and the ways in which this can be applied to recent transnational films from different parts of Europe and Asia. The module also explores how Deleuze's work can uncover the sensory functioning of various diasporic and/or intercultural cinemas, and questions whether this type of transnational cinema can now be considered a genre in its own right. Films discussed typically include Ousmane Sembene's *Borom Sarret* (1996), Peter Mullan's *Orphans* (1997), Julie Dash's *Daughters of the Dust* (1991), Greg Araki's *Doom Generation* (1995), Atom Egoyan's *Calendar* (1995) and Anh Hung Tran's *The Scent of Green Papaya* (1993).

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

FM5303 Issues of Heritage Cinemas: The Aesthetics and Politics of Period Film

Credits: 20 Semester: 2

Availability: Not available 2010-11

Anti-requisite: FM5202

Programme(s): Optional module for Postgraduate Taught Programmes outwith Film Studies.

Description: This module examines the contemporary period film as a versatile object of study through the dual prism of film theory and the heritage debates. From the late 1970s to the early 2000s, the international success of films such as *Cyrano de Bergerac* (1990), *Belle Époque* (1992), *Howards End* (1992), *Orlando* (1992), *The Piano* (1993), *Shakespeare in Love* (1998) and *Russian Ark* (2002), and the subsequent emergence of new critical paradigms around the so-called 'heritage cinemas' have pushed contemporary period drama to the centre stage of the debates about cultural identity and the representation of the national past. The 'heritage film' has been broadly associated with nostalgia and the rise of retro styles in postmodern cultures. However, these films have also been the subject of provocative explorations into the ways they re-inscribe gender, class and post-colonial identities. Theoretical questions such as the relationship between figurality and narrative; spatial and temporal displacement; adaptation and intertextuality, or psychoanalytical approaches to memory and fantasy are explored in the context of the current debates around the role of heritage cinemas in the international film scene, with special reference to the complex articulation of European identities within a globalised image market.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

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FM5304 Issues of Cultural and Transnational Identity in Auteur Cinema

Credits: 20 Semester: 1

Availability: Not available 2010-11

Anti-requisite: FM5205

Programme(s): Optional module for Postgraduate Taught Programmes outwith Film Studies.

Description: This specialist module aims at introducing students to a range of important film directors, from Czechoslovakia to India, and to discuss the contextual and transnational issues surrounding their work. While the debate around auteur theory will form an essential part of the conceptual framework for the study of the films, special emphasis will be placed on issues of migrancy, dislocation, nationality, diaspora, and the search for identity. This module also seeks to draw attention to the historical and economic factors which have marginalized certain cinematic traditions and their filmmakers. Students will be exposed to diverse film material, will read key theoretical texts on the topics discussed, and will have the opportunity to engage in original research and writing.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

FM5305 Global Witness: Transnational Film and Human Rights

Credits: 20 Semester: 2

Availability: Not available 2010-11

Anti-requisite: FM5207

Programme(s): Optional module for Postgraduate Taught Programmes outwith Film Studies.

Description: This specialist module examines the role of film in the formation of politicized publics and its ongoing place in the development of an international human rights regime. We ask how cinema, in form and in practice, has helped to construct a transnational citizen, poised to act on behalf of distant suffering. These explorations include attention to film used in theatrical and non-theatrical settings, whether the early film responses to humanitarian crises ('the Starving Armenians'), the role of film in the Nuremberg Trials, or the present-day merger of entertainment and advocacy or 'advotainment' (e.g. *Blood Diamond*, 2005). Theories of witnessing and of the public sphere will play a central role while questions of their universal applicability (e.g. medium and cultural specificity) are raised.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

FM5306 Global Culture and the Epic Film

Credits: 20 Semester: Either

Availability: Not available 2010-11

Anti-requisite: FM5213

Programme(s): Optional module for Postgraduate Taught Programmes outwith Film Studies.

Description: This module will provide students with an understanding of contemporary transnational film production, distribution, and reception by considering the epic film genre. Long considered a nation-centric form, epic cinema has become a crystallized example of transnational cultural production, making use of extensive international co-production and distribution arrangements, drawing on an international talent community, and attracting audiences in large numbers throughout the world. In this module, we will study the new articulation of the epic film as perhaps the first fully transnational film genre, while also considering the provenance of the epic as an expression of nationalist aspirations and imaginings. Students will read a variety of theoretical and historical studies in order to gain a broad, concrete understanding of contemporary film production and distribution, an appreciation of different cultural inflections governing the reception of films circulated in different national contexts, and a sense of how aesthetic form conveys messages that may be at odds with the ostensible themes of the work.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

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FM5307 The Reception of Cinema and the Transnational

Credits: 20 Semester: Either

Availability: Not available 2010-11

Anti-requisite: FM5212

Programme(s): Optional module for Postgraduate Taught Programmes outwith Film Studies.

Description: This module will provide students with solid grounding in how we might understand the encounter with cinema. To this end, the module will take in psychoanalytic spectatorship theory, together with the various approaches that this spawned (particularly challenges from theorists of gender, race, and sexuality), studies of audience reception, and cognitive approaches to cinema, in particular the trend towards the application within Film Studies of cognitive neuroscience. By comparing how different films are understood differently in different parts of the globe, students will gain an appreciation of the diverse and potentially transnational aspects of film reception.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

FM5308 The Digital Age and Transnational Cinema

Credits: 20 Semester: Either

Availability: Not available 2010-11

Anti-requisite: FM5211

Programme(s): Optional module for Postgraduate Taught Programmes outwith Film Studies.

Description: This module provides an examination of how digital technology has on a global scale transformed every aspect of the film industry, and of how these transformations have subsequently affected film studies. For digital technology (computers, cameras, etc) has shaped not just the Hollywood film industry, but all film industries everywhere, at all stages of film production, distribution and exhibition, and in all genres. The module will take in a transnational range of films and other texts from various contexts, including the USA, Europe and Asia, and transnational cinema - straddling big budget spectacles, costume dramas, documentaries, games and more. It will also look at how, in the digital age, such texts circulate transnationally.

Class Hour: To be arranged.

Teaching: Two hour lectures.

Assessment: Continuous Assessment = 100%

FM5309 Scotland: Small Cinema in the World

Credits: 20 Semester: Either

Availability: Not available 2010-11

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: This module examines filmmaking in Scotland since the 1990s. Providing first an introduction to existing debates surrounding cinematic representations of Scotland, the module then focuses on the various films made in Scotland by filmmakers from such countries as Scotland, England, the USA, Canada, India and France since the 1990s. Examining film production in Scotland in this way enables an interrogation of Scotland's position as a "global cinema" – both in terms of its status as a small national cinema that makes Scottish films which are consumed nationally and internationally, and as a node in the global film industry through which international flows of film finance, personnel and production flow. The manner in which Scotland is represented by these different filmmakers, their economic agendas and their target markets, provide a nuanced appreciation of the many different types of cinematic Scotland that exist (often rendered as touristic, or fantasy Scotlands) and the varied identities (be they national, transnational, global/local, diasporic, etc) they allow different audiences to experience.

Class Hour: To be arranged.

Teaching: Two hour seminar plus screenings.

Assessment: Continuous Assessment = 100%

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FM5310 Nonfiction Film

Credits: 20 Semester: Either

Availability: Not available 2010-11

Programme(s): Optional module for Film Studies Postgraduate Taught Programme

Description: This module surveys the history of documentary film (technological, stylistic, etc.), while taking up the theoretical debates around cinematic claims to truth and representations of reality. Drawing on a robust selection of documentaries from around the world, students will examine how documentary differs from other kinds of filmmaking, how documentaries make 'truth claims', and how these claims influence the ways in which these films are received and circulated. Beginning with the actualities of the Lumière Brothers, students will be exposed to multiple genres (e.g. ethnographic, civic, cinema vérité, experimental, self-reflexive) and filmmakers (e.g. John Grierson, Dziga Vertov, Jean Rouch, Errol Morris) while addressing the variety of arenas (e.g. scientific, civic, commercial) in which documentary has appeared.

Class Hour: To be arranged.

Teaching: Two hour seminar plus screenings.

Assessment: Continuous Assessment = 100%

Philosophy (PY) Modules

PY5099 Dissertation for M.Litt. Programme

Credits: 60

Prerequisite: An average grade of at least 13.5 in course work.

Programme(s): Compulsory module for Philosophy M.Litt. Postgraduate Programme.

Description: Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.

Class Hour: At times to be arranged with the supervisor

Teaching: Individual Supervision

Assessment: Dissertation = 100%

PY5101 Current Issues in Philosophy 1

Credits: 20 Semester: 1

Programme(s): Compulsory module for Philosophy Postgraduate Taught Programmes.

Description: This module, together with PY5102 in semester 2, covers recent work in four central areas of philosophy, each of them in a section of 11 hours. The four areas are Epistemology, Ethics, Philosophy of Language and Philosophy of Mind. Two of these will be covered in PY5101, the other two will be covered in PY5102. The Epistemology section will include topics from among the following: justification; causal, tracking and reliability conditions for knowledge; the a priori; virtue epistemology; contextualism; internalism and externalism, the status of epistemology itself. The Ethics section will include topics from among the following: consequentialism, deontology, moral pluralism; double effect and/or the distinction between acts and omissions; the nature of moral justification, critiques and defences of impartial moral theory, questions in meta-ethics. The Philosophy of Language section will include topics from among the following: how words come to have content, the relation between use, meaning and saying, the relation between meaning, truth, and reference. The Philosophy of Mind section will include topics from among the following: the relation between the mental and the physical; mental causation; rationalizing explanation; the normative dimension of mentality, personhood.

Class Hour: To be arranged.

Teaching: 22 hours.

Assessment: Continuous Assessment = 100%

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PY5102 Current Issues in Philosophy 2

Credits: 20 Semester: 2

Programme(s): Compulsory module for Philosophy Postgraduate Taught Programmes.

Description: This module continues the critical survey of recent work in philosophy begun in PY5101. Of the four areas specified under PY5101, this module will cover, in sections of 11 hours each, whichever two have not been covered by PY5101.

Class Hour: To be arranged.

Teaching: 22 hours over semester.

Assessment: Continuous Assessment = 100%

PY5103 Research Methods

Credits: 20 Semester: 1

Programme(s): Compulsory module for M.Litt. Philosophy Postgraduate Taught Programme

Description: This is an introduction to the methods and practice of research in philosophy. It will be run as a book seminar, with students presenting and discussing chapters or sections of a major work chosen to be accessible and challenging for M.Litt. students whatever their individual interests in philosophy. The module will provide the experience of philosophising together: vital for philosophical development but liable to take second place in standard taught modules; it will also leave students better prepared to undertake larger and more autonomous research projects, beginning with the 15,000 word M.Litt. dissertation.

Class Hour: To be arranged.

Teaching: 22 hours.

Assessment: Continuous Assessment (Research Proposal - 33%, 4,000 Word Essay - 67%) = 100%

PY5201 Classical Philosophy

Credits: 20 Semester: 1

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: The module will address topics in ancient metaphysics and ethics concentrating on selected readings from the works of Plato or Aristotle.

Class Hour: To be arranged.

Teaching: 22 hours.

Assessment: Continuous Assessment = 100%

PY5202 Philosophers of the Scottish Enlightenment

Credits: 20 Semester: 1

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: This module will focus on selections from the works of (among others) Francis Hutcheson, David Hume, Adam Smith, and Thomas Reid, and will address issues in metaphysics and epistemology, the philosophy of religion, moral philosophy, and political philosophy.

Class Hour: To be arranged.

Teaching: 22 hours

Assessment: Continuous Assessment = 100%

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PY5203 Kant

Credits: 20 Semester: 1

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: This module will focus on Kant's critical philosophy. The primary text will be one of his three Critiques, and it may include consideration of themes in Kant's political philosophy, philosophy of religion or philosophy of history. The Cambridge translations are recommended.

Class Hour: To be arranged.

Teaching: 22 hours over semester.

Assessment: Continuous Assessment = 100%

Assessment: Continuous Assessment = 100%

PY5205 Origins and History of Analytic Philosophy

Credits: 20 Semester: 1

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: The object of this module is to provide a sound understanding of some important turning points in the development of the 'analytic' strand in 20th century philosophy, and of some of its 19th century roots. The course has two main themes. The first deals with philosopher-mathematicians such as Poincaré and Hilbert who influenced the analytic tradition's epistemology and philosophy of logic. The second deals with developments in logic and its philosophy stemming from the work of Frege and Russell's and Wittgenstein's early work in Cambridge.

Class Hour: To be arranged.

Teaching: 22 hours

Assessment: Continuous Assessment = 100%

PY5302 Advanced Logic B: Classical Metatheory

Credits: 20 Semester: 1 or 2

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: This module gives a basic grounding in the techniques of metatheory in logic, concentrating on the Henkin method for establishing the completeness of a logical system. Some associated topics, such as semantics for modal predicate logic, will be discussed.

Class Hour: To be arranged.

Teaching: 22 hours.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

PY5310 Philosophy of Mind

Credits: 20 Semester: 2

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: The module will look at the philosophical dimensions of a number of debates that occur at the intersection between philosophy, scientific psychology and cognitive science. Particular attention will be paid to relating these debates to more traditional problems in metaphysics, epistemology and philosophy of mind.

Class Hour: To be arranged.

Teaching: 22 hours

Assessment: Continuous Assessment = 100%

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PY5312 Aesthetics

Credits: 20 Semester: 2

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: This module will consider a number of philosophical questions that arise from reflection on the creation, understanding and evaluation of works of art. Topics to be covered may include the nature of art and the aesthetic, the logic of aesthetic judgement, aesthetic value, interpretation and appreciation.

Class Hour: To be arranged.

Teaching: 22 hours.

Assessment: Continuous Assessment = 100%

PY5315 Legal Philosophy

Credits: 20 Semester: 2

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: This module will introduce central elements in the philosophy of law by focusing on three sets of issues concerning criminal law. (1) The purpose and scope of the criminal law (2) The principles of criminal liability; (3) punishment and sentencing. Discussion of such questions will also show the ways in which philosophy of law overlaps with political and moral philosophy, and with the philosophy of action.

Class Hour: To be arranged.

Teaching: 22 hours.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

Re-Assessment: None

PY5318 Political Philosophy

Credits: 20 Semester: 2

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: This module will focus on liberalism and its critics. We will examine liberalism's central features and explore the variety of liberal theories (from minimal-state 'classical liberalism' to 'welfare capitalism'). Criticisms of liberalism take many forms, and initially we shall investigate the contemporary communitarian critique of liberalism. If time permits we may also look at some feminist theories which are critical of both liberalism and communitarianism.

Class Hour: To be arranged.

Teaching: 22 hours over semester.

Assessment: Continuous Assessment = 100%

PY5319 Topics in Recent Moral Theory

Credits: 20 Semester: 2

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: This module aims to provide in-depth critical discussion of selected work in ethics from the last five years or so. Topics will be chosen in consultation with students. The module may range into meta-ethics as well as normative moral theory and will take the form of seminars with detailed discussion of a selected book or series of papers.

Class Hour: To be arranged.

Teaching: 22 hours

Assessment: Continuous Assessment = 100%

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PY5320 Mediaeval Philosophy

Credits: 20 Semester: 1

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: This module is intended to provide an introduction to the philosophical thought of the Western middle ages through an examination of central themes in the work of its greatest figures, such as Aquinas. The course will begin with an outline of the historical, cultural and intellectual context of the 13th century, noting such important developments as the reception of Aristotelian thought from the Arab world and the rise of the universities. It will then provide an account of central metaphysical concepts, such as substance/accident; form/matter, actuality/potentiality; being/essence; and then show how these are put to use in the areas of philosophical theology, philosophies of mind and language, and theory of value.

Class Hour: To be arranged.

Teaching: 22 hours

Assessment: Continuous Assessment = 100%

PY5324 Philosophy of Logic

Credits: 20 Semester: 2

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: This module covers foundational issues in the philosophy of logic. Key questions include: 'Is there a correct logic for natural language?', 'Does indeterminacy demand a revision of classical logic?', 'Is the world precise or vague?'.

Class Hour: To be arranged.

Teaching: 22 hours over semester.

Assessment: Continuous Assessment = 50%, 2 Hour Examination = 50%

PY5325 Texts in Contemporary Metaphysics

Credits: 20 Semester: 2

Availability: not available 2010-11

Programme(s): Optional module for Philosophy Postgraduate Taught Programmes.

Description: This module will consist of a close reading of a selected contemporary text in metaphysics.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 100%

PY5402 Advanced Epistemology

Credits: 20 Semester: 2

Programme(s): Optional module for Philosophy Postgraduate Taught Programme.

Description: In this module we will address a range of advanced issues in contemporary Epistemology. Topics will include: Basic Knowledge, Contextualist and Relativist Theories of Knowledge, Epistemic Closure, Sceptical Paradoxes, Lottery Paradoxes, Self-knowledge, The possibility of Apriori Knowledge, Knowledge and Assertion, Knowledge and Practical Interests, Internalism and Externalism, Fallibilism, Intuition, Reliabilism, Minimalist Theories of Knowledge.

Class Hour: To be arranged.

Teaching: 22 hours.

Assessment: Continuous Assessment = 100%

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PY5403 Intuitions and Philosophical Methodology

Credits:	20	Semester:	2
Programme(s):	Optional module for Philosophy Postgraduate Taught Programme.		
Description:	In this module we will address a range of issues concerning philosophical methodology and the use of intuitions in philosophy. Topics will include: the nature of intuition; how intuitions are and should be used within philosophy; positive accounts of intuition (rationalist, phenomenalist, naturalistic, conceptualist, eliminativist); skeptical challenges to the use of intuitions (from calibration, disagreement, experimental philosophy results).		
Class Hour:	To be arranged.		
Teaching:	22 hours.		
Assessment:	Continuous Assessment = 100%		

Social Anthropology (SA) Modules

SA5001 Theory and Method in Social Anthropology

Credits:	30	Semester:	Whole Year
Programme(s):	Compulsory module for the Conversion Diploma Taught Programme in Social Anthropology. Optional module for the M.Res. Taught Programmes in Social Anthropology (including Amerindian Studies), Social Anthropology.		
Description:	The module will cover classical social theory and key concepts in social thought. It will review the basic assumptions and methodological implications of a variety of theoretical perspectives (ranging from structural-functionalism to postmodernism), and will examine in detail the logic of different modes of explanation. The paradigmatic positions of key social thinkers will also be considered.		
Class Hour:	To be arranged.		
Teaching:	Two Hours (seminar, lectures, or tutorials).		
Assessment:	Continuous Assessment = 100%		

SA5002 Current Issues in Social Anthropology

Credits:	30	Semester:	Whole Year
Programme(s):	Compulsory module for the Conversion Diploma Taught Programme in Social Anthropology. Optional module for the M.Res. Taught Programmes in Social Anthropology (including Amerindian Studies), Social Anthropology.		
Description:	The module focuses on recent developments within the discipline, and aims to challenge the student's existing presumptions and preoccupations. It will cover both theoretical and substantive issues.		
Class Hour:	To be arranged.		
Teaching:	Two Hours (seminar, lectures or tutorials).		
Assessment:	Continuous Assessment = 100%		

SA5003 Social Organisation and Culture

Credits:	30	Semester:	Whole Year
Programme(s):	Compulsory module for the Conversion Diploma Taught Programme in Social Anthropology. Optional module for the M.Res. Taught Programme in Social Anthropology (including Amerindian Studies), Social Anthropology.		
Description:	The module discusses the description of human society and culture, focusing on both theoretical and empirical issues by reference to selected ethnographic material. It will consider such matters as relativism, deconstructionism and the modelling of social forms and, at a more specific level, the main concepts for describing the institutional features of the full variety of human societies.		
Class Hour:	To be arranged.		
Teaching:	Two Hours (seminar, lectures or tutorials).		
Assessment:	Continuous Assessment = 100%		

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SA5010 Research Methods in Social Anthropology

Credits:	30	Semester:	1
Co-requisites:	SA5011, SA5099		
Programme(s):	Compulsory module for M.Res. Postgraduate Taught Programmes in Social Anthropology, Social Anthropology (including Amerindian Studies). M.Phil. Postgraduate Taught Programmes in Social Anthropology and Social Anthropology (including Amerindian Studies).		
Description:	This module aims to do three things i) introduce students to the philosophies of social-scientific research as particular practices; ii) introduce students to the range of research methodologies which pertain particularly to social and cultural anthropology; iii) lay the foundations for students progressing to higher research degrees, in particular the Ph.D.		
Class Hour:	To be arranged.		
Teaching:	One lecture, one seminar.		
Assessment:	Continuous Assessment = 100%		

SA5011 The Anthropology of Connections: Interdisciplinarity as Methodology

Credits:	30	Semester:	2
Co-requisites:	SA5010, SA5099		
Programme(s):	Compulsory module for M.Res. Postgraduate Taught Programmes in Social Anthropology, Social Anthropology (including Amerindian Studies). M.Phil. Postgraduate Taught Programmes in Social Anthropology and Social Anthropology (including Amerindian Studies).		
Description:	This module builds on SA5010 by examining the relevance of other disciplines for Social Anthropology. Through lectures and seminars, students are shown how Anthropology can be extended and illuminated by working with methodologies and concepts drawn from History, Social Science, Philosophy, Language and the Arts. It shows how anthropologists must invoke other specialist disciplines during their work. It invites students to think of societies and anthropological theories as informed by internal and external constraints, dialogues and reinterpretations, which unfold in time. It will show the role of anthropology in articulating different disciplines.		
Class Hour:	To be arranged.		
Teaching:	One lecture, one seminar.		
Assessment:	Continuous Assessment = 100%		

SA5099 Dissertation

Credits:	60
Prerequisite:	for M.Res. Social Anthropology – SA5010, SA5011 to an average grade of 12
Programme(s):	Compulsory module for M.Res. Postgraduate Taught Programmes in Social Anthropology, or Social Anthropology (including Amerindian Studies). M.Phil. Postgraduate Taught Programmes in Social Anthropology and Social Anthropology (including Amerindian Studies).
Description:	Student dissertations will be supervised by members of the teaching staff who will advise on the choice of subject and provide guidance throughout the research process. The completed dissertation of not more than 15,000 words must be submitted by the end of August.
Class Hour:	At times to be arranged with the supervisor
Teaching:	Individual Supervision
Assessment:	Dissertation = 100%

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SA5201 Amerindian Language and Literature

Credits: 30 Semester: Whole Year

Programme(s): Optional module for Social Anthropology and Amerindian Studies Postgraduate Taught Programme.

Description: This module introduces students to different forms of oral and written expression in Amerindian Societies, with Quechua and Spanish as the commonest languages taught. The course also prepares students to confront problems of linguistic and textual interpretation, as well as introducing them to more recent issues in intercultural and literacy studies. Class Hour: To be arranged.

Teaching: Two Hours.

Assessment: Continuous Assessment = 100%

SA5202 Amerindian History and Ethnography

Credits: 30 Semester: Whole Year

Programme(s): Optional module for Social Anthropology and Amerindian Studies Postgraduate Taught Programme.

Description: The module examines the South American continent in time and space, with emphasis on the evidential and methodological bases of specialized and comparative knowledge. Using sample texts and sources, it introduces students to the problems of interpreting information collected in "the field" and in "the archive", as well as preparing them to explore the published and unpublished sources on the region.

Class Hour: To be arranged.

Teaching: Two Hours.

Assessment: Continuous Assessment = 100%

SA5203 Special Subject (Amerindian Studies)

Credits: 30 Semester: Whole Year

Programme(s): Optional module for Social Anthropology and Amerindian Studies Postgraduate Taught Programme.

Description: This is chosen in discussion with the supervisor, and is available for students with a well-thought-out and specific research interest in a particular topic. It can substitute for one of the preceding two modules.

Class Hour: To be arranged.

Teaching: Two Hours.

Assessment: Continuous Assessment = 100%

SA5301 Anthropology of the Pacific I

Credits: 30 Semester: 1

Programme(s): Compulsory module for Social Anthropology with Pacific Studies Postgraduate Taught Programme.

Description: This module examines traditional issues and historical trends in the anthropology of the Pacific, with special reference to selected regions. It will cover both theoretical and substantive issues in Pacific ethnography.

Class Hour: To be arranged.

Teaching: Two seminars and one tutorial.

Assessment: Continuous Assessment = 100%

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SA5302 Anthropology of the Pacific II

Credits: 30 Semester: 2

Programme(s): Compulsory module for Social Anthropology with Pacific Studies Postgraduate Taught Programme.

Description: This module looks at the challenges facing social anthropology and Pacific Studies in the twenty-first century. Students are invited to engage with current issues in the region through attention to contemporary and emerging debates within Pacific anthropology.

Class Hour: To be arranged.

Teaching: Two seminars and one tutorial.

Assessment: Continuous Assessment = 100%

SA5401 Anthropology of Africa I

Credits: 30 Semester: 1

Programme(s): Compulsory module for Social Anthropology with African Studies Postgraduate Taught Programme.

Description: This module examines traditional issues and historical trends in the anthropology of Africa, with special reference to selected regions of Africa. It will cover both theoretical and substantive issues in African ethnography.

Class Hour: To be arranged.

Teaching: Two seminars and one tutorial.

Assessment: Continuous Assessment = 100%

SA5402 Anthropology of Africa II

Credits: 30 Semester: 2

Programme(s): Compulsory module for Social Anthropology with African Studies Postgraduate Taught Programme.

Description: This module examines contemporary issues and current trends in the anthropology of Africa, with special reference to selected regions of Africa. It will cover both theoretical and substantive issues in African ethnography.

Class Hour: To be arranged.

Teaching: Two seminars and one tutorial.

Assessment: Continuous Assessment = 100%

SA5521 Case-studies in Anthropology, Indigenous Peoples and Resource Extraction

Credits: 30 Semester: 1

Programme(s): Optional Module for M.Res. in Social Anthropology and M.Sc. in Sustainable Development

Description: Subsurface minerals and other natural resources are often found on land occupied by indigenous peoples. This module has a particular focus on this nexus, examining the social and cultural relations produced by resource extraction projects, and exploring the global and local frames through a series of world-wide case-studies of mining, oil and gas projects. These case-studies are used to examine problems, solutions and the factors making certain agreements and relations more successful and sustainable than others. The aim is to examine the potential for anthropological skills and knowledge to contribute to an industry that has increasingly to account for its social and environmental impacts to a global constituency.

Class Hour: To be arranged.

Teaching: Two seminars.

Assessment: Continuous Assessment = 100%

Social Sciences (SS) Modules

SS5101 Being a Social Scientist: Skills, Processes and Outcomes

Credits:	15	Semester:	1
Programme(s):	Optional module for the MRes in Social Anthropology programme		
Description:	This module focuses on developing students' specific research thinking and writing skills in a practically based way. Thus, the module will address the nature of being a research social scientist including exploring some of the ethical issues involved. The module will also consider selecting suitable research questions and framing these as appropriate for Masters and PhD dissertations.		
Class Hour:	To be arranged		
Teaching:	3 hour lecture, fortnightly		
Assessment:	Continuous Assessment = 100%		

SS5102 Philosophy and Methodology of the Social Sciences

Credits:	15	Semester:	2
Programme(s):	Optional module for M.Res. in Social Anthropology		
Description:	Beginning with a discussion of the evolution of the social sciences, this module addresses central philosophical questions of social science including discussion of epistemological and methodological aspects of positivism and interpretivism.		
Class Hour:	To be arranged.		
Teaching:	Details to follow.		
Assessment:	Continuous Assessment = 100%		

SS5103 Qualitative methods in Social Research

Credits:	15	Semester:	2
Programme(s)	Optional module for M.Res. in Social Anthropology		
Description:	This module offers both a theoretical and practical introduction to qualitative research. The diversity of the approaches to qualitative research will be addressed but the focus of the module is primarily practical necessitating the active participation of students.		
Class Hour:	To be arranged		
Teaching:	2 hour, weekly		
Assessment:	Continuous Assessment = 100%		

SS5104 Quantitative Research in Social Science

Credits:	15	Semester:	1
Programme(s)	Optional module for M.Res. in Social Anthropology		
Description:	This module will cover basic concepts and approaches to quantitative research in the social sciences in order to provide students with the basic quantitative tools for collecting, organising and analysing data.		
Class Hour:	To be arranged		
Teaching:	Details to follow		
Assessment:	Continuous Assessment = 100%		

School of Physics & Astronomy

Head of School Professor T Krauss

Taught Programmes

Postgraduate Diploma:	Photonics and Optoelectronic Devices Physics
M.Sc.:	Photonics and Optoelectronic Devices Physics
Erasmus Mundus – MSc.:	Erasmus Mundus Master of Science in Photonics
Eng.D.:	Photonics

Programme Requirements

Photonics and Optoelectronic Devices M.Sc. and Postgraduate Diploma

www.st-andrews.ac.uk/physics/msc

The primary aim of this one-year, full-time programme is to provide specialist postgraduate training in modern optics and semiconductor physics, tailored to the needs of the Photonics industrial sector. The secondary aim is to provide the education required for those wishing to continue in academia on Ph.D. research projects in photonics.

Graduates from the course will have gained an in-depth understanding of the fundamental properties of optoelectronic materials and practical experience of the technology and operation of a wide range of laser and semiconductor devices. They will additionally have had experience of research, usually in an industrial environment, and have received training in the transferable skills required in such an environment.

The course is organised jointly by the School of Physics & Astronomy at the University of St Andrews and the School of Engineering and Physical Sciences at Heriot-Watt University. Each organisation will act in turn as host for the course. In 2010-11 the course will be hosted by St Andrews, and in 2011-12 by Heriot-Watt. Regardless of which institution hosts the course, the first semester is spent at St Andrews, and the second semester at Heriot-Watt. For the M.Sc. degree a project is undertaken during the summer months, usually in industry, and is assessed in September.

Postgraduate Diploma: PH5180 – PH5187

M.Sc.: PH5180 – PH5187 and PH5177 (www.st-andrews.ac.uk/physics/msc)

[Note that PH5184 - PH5187 are carried out at Heriot-Watt University under their own module numbers.]

Photonics Eng.D.

www.photonics-engd.hw.ac.uk/

The Eng.D. degree in Photonics is a 4-year course involving a blend of specialist postgraduate training in all aspects of photonics, tailored to the needs of the photonics industrial sector, and a significant, challenging and original research project undertaken as a partnership between industry and academia. Each research project provides experience in project management (including financial management) and teamwork as well as the opportunity to gain greater understanding of photonics and the business context in which the research is conducted. A significant proportion of the student's time (typically around 70%) is spent within the sponsoring company.

Graduates from the course will have gained an in-depth understanding of the fundamental properties of photonic materials and practical experience of the technology and operation of a wide range of photonic devices. They will additionally have had extensive experience of research in an industrial environment and have received training in the transferable skills required in such an environment.

Physics & Astronomy – 5000 Level Modules 2010/11 – August 2010

The course is organised jointly by the School of Physics & Astronomy of the University of St Andrews, the School of Engineering and Physical Sciences at Heriot-Watt University, and the Department of Electronics and Electrical Engineering at the University of Strathclyde. St Andrews will normally be the location for the start of the course and will provide full time teaching during the first semester of the first year of the course. When this initial semester is completed students move to their industrial location and begin their research. They also take during the next five semesters the balance of the taught component of the Eng.D. either by distance learning or via short courses offered by Heriot-Watt and St Andrews.

The course is approved by the Engineering and Physical Sciences Research Council (E.P.S.R.C.) and a number of EPSRC-funded studentships are available.

Eng.D. PH5180 to PH5183 are normally taken, together with modules taught by Heriot-Watt University and the University of Strathclyde [NOTE PH5209 and PH5208 are distance learning courses that may be taken from St Andrews later in the programme]

Physics Postgraduate Diploma and M.Sc.

Postgraduate Diploma: A total of 120 credits from AS and PH modules at 4000 level and above, including at least 90 credits at 5000 level, the course of study to be approved by the Head of School.

M.Sc.: 120 credits as for Postgraduate Diploma together with a dissertation (PH5301) comprising 3 months full-time study and worth 60 credits.

Erasmus Mundus Master of Science in Photonics

<http://www.master-photonics.org>

This two year programme extends the existing twelve-month M.Sc. in Photonics by incorporating an additional year at one of the Erasmus Mundus partner institutions (University of Ghent, Vrije Universiteit Brussels or KTH Stockholm). This increases student exposure to the latest research and methods in Photonics/Optoelectronic Devices. Students may commence their course either at University of St Andrews/Heriot-Watt University or at one of the partner institutions. EU funding is available for a number of suitably qualified students from outside the EU, plus a few from inside the EU.

Students who spend their first year of study in Scotland spend first semester in St Andrews and the second semester at Heriot-Watt University, Edinburgh. After a short workshop in the summer time, and a summer vacation, students will spend their next year studying outside Scotland at one of the partner universities listed above. Students who spend their first year of study outside Scotland on this programme may spend the second year in Scotland. Depending on their choice/allocation of thesis project, they will spend their entire second year either at St Andrews or at Heriot-Watt. They will start with their project right away and take several, mainly optional, lecture courses either in the first or in the second semester.

Erasmus Mundus Master of Science in Photonics, for those studying in St Andrews in the first semester of their programme: PH5180, PH5181, PH5182, PH5183.

Erasmus Mundus Master of Science in Photonics, for those studying in St Andrews in the second year of their programme: PH5181, PH5261, PH5260 and at least 37 credits chosen from PH4025, PH5005, PH5008, PH5012, PH5015, PH5016, PH5182, PH5183, MN4263.

Modules

AS5001 Advanced Data Analysis

Credits: 15 Semester: 1

Prerequisite: Highly recommended: AS3013 (Computational Astrophysics) or PH4030 (Computational Physics). Familiarity with a programming language and concepts of computational physics or astrophysics are assumed.

Description: This module develops an understanding of basic concepts and offers practical experience with the techniques of quantitative data analysis. Beginning with fundamental concepts of probability theory and random variables, practical techniques are developed for using quantitative observational data to answer questions and test hypotheses about models of the physical world. The methods are illustrated by applications to the analysis of time series, imaging, spectroscopy, and tomography datasets. Students develop their computer programming skills, acquire a data analysis toolkit, and gain practical experience by analyzing real datasets.

Class hour: To be arranged.

Teaching: Three lectures or tutorials.

Assessment: Continuous Assessment = 100%

AS5002 Magnetofluids and Space Plasmas

Credits: 15 Semester: 1

Prerequisite: PH4031 is strongly recommended

Description: This module is aimed at both physics and astrophysics students with interests in the physics of plasmas. The interaction of a magnetic field with an ionized gas (or plasma) is fundamental to many problems in astrophysics, solar-terrestrial physics and efforts to harness fusion power using tokamaks. The syllabus comprises: Solar-like magnetic activity on other stars. The basic equations of magneto-hydrodynamics. Stellar coronae: X-ray properties and energetics of coronal loops. Energetics of magnetic field configurations. MHD waves and propagation of information. Solar and stellar dynamos: mean field models. Star formation: properties of magnetic cloud cores, magnetic support. Physics of accretion discs: transport of mass and angular momentum. Accretion on to compact objects and protostars. Rotation and magnetic fields in protostellar discs. Rotation distributions of young solar-type stars. Magnetic braking via a hot, magnetically channelled stellar wind.

Class hour: To be arranged.

Teaching: Three lectures or tutorials.

Assessment: 2 Hour Examination = 100%

AS5003 Contemporary Astrophysics

Credits: 15 Semester: 1

Description: This module will provide an annual survey of the latest, most interesting, developments in astronomy and astrophysics at the research level. Emphasis will be placed upon the application of knowledge and expertise gained by students in their other modules to these current research topics.

Class Hour: To be arranged.

Teaching: 3 lectures and some tutorials

Assessment: 2 Hour Examination = 100%

MN4263 Entrepreneurship and Small Business Development

Credits: 20 Semester: 1

Availability: 2010-11

Description: Enterprise lies at the heart of economic growth and development. The aim of this module is to develop students' awareness of the various debates concerning the nature of Entrepreneurship in the society and in the economy. It will also enable students to make use of the various concepts of entrepreneurship in understanding the small business development process, and provide an insight into how those going through this process may be supported and assisted.

Class Hour: To be arranged.

Teaching: 2 hour lecture.

Assessment: Continuous Assessment = 30%, 2 Hour Examination = 70%

Physics & Astronomy – 5000 Level Modules 2010/11 – August 2010

PH5002 Foundations of Quantum Mechanics

Credits: 15 Semester: 1

Prerequisite: PH3061 and PH3062

Description: This module consists of five parts: (i) Hilbert spaces and operators including a discussion of spectral decomposition of selfadjoint operators; (ii) postulates of quantum mechanics for observables with discrete spectra with illustrative examples including various pictures (Schrodinger, Heisenberg, interaction) of time evolution; (iii) postulates of quantum mechanics for observables with continuous spectra in terms of probability distribution functions and the spectral functions; (iv) quantum theory of orbital, spin angular momenta and their addition, Pauli-Schrodinger equation; (v) introduction to relativistic quantum mechanics.

Class Hour: To be arranged.

Teaching: Three lectures or tutorials.

Assessment: 2 Hour Examination = 100%

PH5003 Group Theory

Credits: 15 Semester: 1

Prerequisites: PH3061 and PH3062

Description: This module explores the concept of a group, including groups of coordinate transformations in three-dimensional Euclidean space; the invariance group of the Hamiltonian operator; the structure of groups: subgroups, classes, cosets, factor groups, isomorphisms and homomorphisms, direct product groups; introduction to Lie groups, including notions of connectness, compactness, and invariant integration; representation theory of groups, including similarity transformations, unitary representations, irreducible representations, characters, direct product representations, and the Wigner-Eckart theorem; applications to quantum mechanics, including calculation of energy eigenvalues and selection rules.

Class Hour: To be arranged.

Teaching: Three lectures or tutorials.

Assessment: 2 Hour Examination = 100%

PH5004 Quantum Field Theory

Credits: 15 Semester: 2

Prerequisites: PH3061, PH3062 and PH3073 or MT4507

Co-requisite: PH5002 is recommended but not compulsory.

Description: This module presents an introductory account of the ideas of quantum field theory and of simple applications thereof, including quantization of classical field theories, second quantization of bosons and fermions, the failure of single particle interpretation of relativistic quantum mechanics, solving simple models using second quantization, Feynman's path integral approach to quantum mechanics and its relation to classical action principles, field integrals for bosons and fermions, the relationship between path integral methods and second quantization, and a descriptive introduction to Green's functions and Feynman diagrams.

Class Hour: To be arranged.

Teaching: Three lectures or tutorials.

Assessment: 2 Hour Examination = 100%

PH5005 Laser Physics 2

Credits: 15 Semester: 1

Prerequisites: PH4034, PH3061, PH3062, PH3007

Anti-requisite: PH5018

Description: Quantitative treatment of laser physics embracing both classical and semiclassical approaches; transient/dynamic behaviour of laser oscillators including relaxation oscillations, amplitude and phase modulation, frequency switching, Q-switching, cavity dumping and mode locking; design analysis of optically-pumped solid state lasers; laser amplifiers including continuous-wave, pulsed and regenerative amplification; dispersion and gain in a laser oscillator - role of the macroscopic polarisation; unstable optical resonators, geometric and diffraction treatments; quantum mechanical description of the gain medium; coherent processes including Rabi oscillations; semiclassical treatment of the laser; tunable lasers.

Class Hour: To be arranged.

Teaching: Three lectures or tutorials.

Assessment: 2 Hour Examination = 100%

PH5011 General Relativity

Credits: 15 Semester: 1

Description: This module covers: inertial frames, gravity, principle of equivalence, curvature of spacetime; basic techniques of tensor analysis; Riemannian spaces, metric tensor, raising and lowering of indices, Christoffel symbols, locally flat coordinates, covariant derivatives, geodesics, curvature tensor, Ricci tensor, Einstein tensor; fundamental postulates of general relativity: spacetime, geodesics, field equations, laws of physics in curved spacetime; distances, time intervals, speeds; reduction of equations of general relativity to Newtonian gravitational equations; Schwarzschild exterior solution, planetary motion, bending of light rays, time delays; observational tests of general relativity; Schwarzschild interior solution, gravitational collapse, black holes.

Class Hour: To be arranged.

Teaching: Three lectures or tutorials.

Assessment: 2 Hour Examination = 100%

PH5012 Quantum Optics

Credits: 15 Semester: 2

Prerequisite: PH3061, PH3062

Description: Quantum optics is the theory of light that unifies wave and particle optics. Quantum optics describes modern high-precision experiments that often probe the very fundamentals of quantum mechanics. The module introduces the quantisation of light, the concept of single light modes, the various quantum states of light and their description in phase space. The module considers the quantum effects of simple optical instruments and analyses two important fundamental experiments: quantum-state tomography and simultaneous measurements of position and momentum.

Class Hour: To be arranged.

Teaching: Three lectures or tutorials.

Assessment: 2 Hour Examination = 100%

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PH5014 The Interacting Electron Problem in Solids

Credits: 15 Semester: 1

Availability: Not available 2010-11

Prerequisites: PH3002, PH3061, PH3062

Description: The aim of this module is to give an overview of developments in modern condensed matter physics. The difficulties of a full quantum mechanical treatment of electrons with strong interactions will be discussed. Common existing approaches such as the Hubbard and t-J models and Fermi liquid theory will be compared. It will be shown that, although microscopic models can explain aspects of magnetism, they have little chance of capturing many other features of the fascinating low-energy physics of these systems. Instead, we introduce the principle of emergence, and show how it suggests radically new approaches to the problem of complexity in condensed matter physics and beyond. In this module, formal lectures will be combined with reading assignments, and the assessment will be based on marked homework together with an oral presentation followed by questions.

Class Hour: To be arranged.

Teaching: Two lectures and some tutorials.

Assessment: Continuous Assessment = 50%, Presentation plus Oral Examination = 50%

PH5015 Experimental Quantum Physics at the Limit

Credits: 15 Semester: 1

Prerequisites: PH3061, PH3062

Description: Quantum physics is one of the most powerful theories in physics yet is at odds with our understanding of reality. In this module we show how laboratories around the world can prepare single atomic particles, ensembles of atoms, light and solid state systems in appropriate quantum states and observe their behaviour. The module includes studies of Bose-Einstein condensation, quantum dots and quantum computing. An emphasis throughout will be on how such quantum systems may actually turn into practical devices in the future. The module will include one workshop and a short presentation on a research paper.

Class Hour: To be arranged.

Teaching: Two lectures and some tutorials.

Assessment: Continuous Assessment = 25%, 2 Hour Examination = 75%

PH5016 Biophotonics

Credits: 15 Semester: 1

Prerequisites: PH4034 or PH4035

Description: The module will expose students to the exciting opportunities offered by applying photonics methods and technology to biomedical sensing and detection. A rudimentary biological background will be provided where needed. Topics include fluorescence microscopy and assays including time-resolved applications, optical tweezers for cell sorting and DNA manipulation, photodynamic therapy, lab-on-a-chip concepts and bio-MEMS. Two thirds of the module will be taught as lectures, including guest lectures by specialists, with the remaining third consisting of problem-solving exercises, such as specific literature reviews, design exercises and mini-projects. A visit to a biomedical research laboratory, e.g. at Ninewells hospital, will also be arranged.

Class Hour: To be arranged.

Teaching: Two lectures and some tutorials.

Assessment: Continuous Assessment = 25%, 2 Hour Examination = 75%

PH5018 Laser Physics 2 - Extended

Credits: 20 Semester: 1

Prerequisites: PH3007, PH4034

Anti-requisite: PH5005

Description: This module consists of the material in PH5005 with the addition of a project involving directed reading on a related advanced topic.

Class Hour: To be arranged.

Teaching: Three lectures and some tutorials.

Assessment: Continuous Assessment = 25%, 2 Hour Examination = 75%

PH5177 Research Project

Credits: 60 Semester: Summer
Programme(s): Compulsory module for Photonics and Optoelectronic Devices Postgraduate Taught Programme.
Description: All M.Sc. students carry out a 3-month research project, in most cases carried out at a U.K. company. Part-time students who are industry employees may carry out the project at their own company. Students will have completed a literature survey prior to the project, and write a dissertation on the project which is assessed in September.
Class Hour: Placement
Assessment: Dissertation, Continuous Assessment & Oral Examination= 100%

PH5180 Laser Physics

Credits: 20 Semester: 1
Programme(s): Compulsory module for Photonics and Optoelectronic Devices and year one of Erasmus Mundus Master of Science in Photonics Postgraduate Taught Programmes.
Description: This module presents a description of the main physical concepts upon which an understanding of laser materials, operations, and applications can be based. These concepts include a treatment of light-matter interaction, gain, absorption and refractive index, rate-equation theory of lasers, gain and its saturation, frequency selection and tuning in lasers, transient phenomena, resonator and beam optics, and the principles and techniques of ultrashort pulse generation and measurement.
Class Hour: To be arranged.
Teaching: Four lectures each week and occasional tutorials.
Assessment: Continuous Assessment = 20%, Two-and-a-half Hour Examination = 80%

PH5181 Photonics Laboratory I

Credits: 15 Semester: 1
Programme(s): Compulsory module for Photonics and Optoelectronic Devices and year one of Erasmus Mundus Master of Science in Photonics Postgraduate Taught Programmes.
Description: The photonics teaching laboratory gives training in the experimental photonics, and allows students the opportunity to explore photonics practically in a series of chosen open-ended investigations. Students use their knowledge and skills from the lecture modules, supplemented by additional reading, to investigate relevant photonic effects. Phase I involves work in small groups in introductory areas, then phase II allows primarily individual investigation of topics such as the second harmonic generation, optical parametric oscillation, erbium amplifiers, Nd lasers, optical tweezers, spectroscopy, remote sensing of speed, Bragg reflectors, and holography. A poster or a formal lab report is included.
Class Hour: 2.00 - 5.00 pm Monday, Tuesday and Thursday
Teaching: Three two-and-a-half hour practicals each week.
Assessment: Continuous Assessment = 100%

PH5182 Displays and Nonlinear Optics

Credits: 10 Semester: 1
Programme(s): Compulsory module for Photonics and Optoelectronic Devices and year one of Erasmus Mundus Master of Science in Photonics Postgraduate Taught Programmes.
Description: The physics of polymers and liquid crystals is covered, showing the way to the use of semi-conducting polymers as light emitters, and the use of liquid crystals in displays and spatial light modulators. The nonlinear optics section of this module describes the physical ideas and application of second and third order nonlinear optics, including phenomena such as harmonic generation, parametric gain, saturated absorption, nonlinear refraction, Raman scattering, and optical solitons. The final section looks at second order nonlinear effects being exploited in optical parametric amplifiers and oscillators in the optical and THz regions.
Class Hour: To be arranged.
Teaching: Two lectures and occasional tutorials.
Assessment: Continuous Assessment = 20%, Two-and-a-half Hour Examination = 80%

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PH5183 Photonics Applications

Credits: 15 Semester: 1
Programme(s): Compulsory module for Photonics and Optoelectronic Devices and year one of Erasmus Mundus Master of Science in Photonics Postgraduate Taught Programmes.

Description: Students on this module choose to do two of the following three sections:

Microphotonics and Plasmonics: This covers the Bragg effect, multilayer mirrors, defects causing confined cavity states, periodicity leading to bandstructure, scaling of bandstructure in reduced frequency, Bloch modes and photonic bandgap. It then considers photonic crystal waveguides, photonic crystal fibres, and supercontinuum generation in photonic crystal fibres. Plasmonics is based on oscillations of the free electrons in a metallic material. Resonances of Plasmons are the basis for a new class of materials called 'Metamaterials'. These are compared with photonic crystals. Applications include super-resolution imaging, optical cloaking, sensing, and surface enhanced Raman scattering.

Biophotonics: This will introduce students to the exciting opportunities offered by applying photonics methods and technology to biomedical sensing and detection. A rudimentary biological background will be provided where needed. Topics include fluorescence microscopy and assays including time-resolved applications, optical tweezers for cell sorting and DNA manipulation, photodynamic therapy, lab-on-a-chip concepts and bio-MEMS.

Optical Trapping and Atom Optics: Quantum physics is one of the most powerful theories in physics yet is at odds with our understanding of reality. In this course we show how laboratories around the world can prepare single atomic particles, ensembles of atoms, light and solid state systems in appropriate quantum states and observe their behaviour. The material includes optical cooling and trapping of atoms and ions, Fermi gases, studies of Bose-Einstein condensation, and matter-wave interferometry.

Class Hour: To be arranged.

Teaching: Three lectures and occasional tutorials.

Assessment: Continuous Assessment = 15%, Two Hour Examination = 85%

PH5184 Photonics Experimental Laboratory 2 (B21HL)

Credits: 15 Semester: 2
Programme(s): Compulsory module for Photonics and Optoelectronic Devices and year one of Erasmus Mundus Master of Science in Photonics Postgraduate Taught Programmes.

Description: This module is taught at Heriot-Watt University, and forms part of certain taught Master's degrees run collaboratively between St Andrews and Heriot-Watt Universities.

Class Hour: To be arranged.

Teaching: At Heriot-Watt University

Assessment: Continuous Assessment = 100%

PH5185 Semiconductor Optoelectronics (B20SO)

Credits: 15 Semester: 2
Programme(s): Compulsory module for Photonics and Optoelectronic Devices and year one of Erasmus Mundus Master of Science in Photonics Postgraduate Taught Programmes.

Description: This module is taught at Heriot-Watt University, and may form part of certain taught Master's degrees run collaboratively between St Andrews and Heriot-Watt Universities.

Class Hour: To be arranged.

Teaching: At Heriot-Watt University

Assessment: Three Hour Examination = 100%

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PH5186 Modern Optics (B21FM)

Credits:	15	Semester:	2
Programme(s):	Compulsory module for Photonics and Optoelectronic Devices and Erasmus Mundus Master of Science in Photonics Postgraduate Taught Programmes.		
Description:	This module is taught at Heriot-Watt University, and may form part of certain taught Master's degrees run collaboratively between St Andrews and Heriot-Watt Universities.		
Class Hour:	To be arranged.		
Teaching:	At Heriot-Watt University		
Assessment:	Three Hour Examination = 100%		

PH5187 Fibre Optic Communications (B21FC)

Credits:	15	Semester:	2
Programme(s):	Compulsory module for Photonics and Optoelectronic Devices and year one of Erasmus Mundus Master of Science in Photonics Postgraduate Taught Programmes.		
Description:	This module is taught at Heriot-Watt University, and may form part of certain taught Master's degrees run collaboratively between St Andrews and Heriot-Watt Universities.		
Class Hour:	To be arranged.		
Teaching:	At Heriot-Watt University		
Assessment:	Three Hour Examination = 100%		

PH5208 Semiconductor Physics and Devices

Credits:	10	Semester:	1
Programme(s):	Compulsory module for Engineering Doctorate in Photonics Postgraduate Taught Programme. Graduate level module available online		
Description:	This is a distance learning module covering the basic properties of semiconductor physics including their optical and electronic properties, and the low dimensional structures which may be constructed from them; and semiconductor devices ranging from pn junctions, solar cells, and LEDs to lasers, waveguides, optical amplifiers, optical modulators, and detectors.		
Teaching:	Material, tutorial support, and continuous assessment delivered at a distance by means of WebCT. Students are responsible for ensuring they have internet access.		
Assessment:	Continuous Assessment = 40%, Two Hour Examination= 60%		

PH5209 Polymers and Liquid Crystals for Displays – Distance Learning

Credits:	5	Semester:	1
Programme(s):	Optional module for Engineering Doctorate in Photonics Postgraduate Taught Programme. Graduate level module available online		
Description:	This is a distance learning module covering the concepts of optoelectronic display devices, including semiconducting polymers, and the properties of liquid crystals.		
Teaching:	Material, tutorial support, and continuous assessment delivered at a distance by means of WebCT. Students are responsible for ensuring they have internet access. The course covers material equivalent to that covered in 12 conventional lectures.		
Assessment:	Continuous Assessment = 40%, Two Hour Examination= 60%		

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PH5260 Project Preparation

Credits: 4 ECTS Semester: 1

Programme(s): Compulsory module in the Erasmus Mundus Master in Photonics

Description: This module is conducted in self-study and supported by informal tutorial sessions to guide students through the assignment. It consists of conducting a literature search of the field of study related to the project. Students establish the State-of-the-Art in the field and put their own project into context. They critically assess the relevant literature, write a report and give a presentation outlining their project strategy. Furthermore, they study the requirements for conducting their project and develop a plan of experiments.

Teaching: 3 tutorials over 6 weeks.

Assessment: Continuous Assessment = 100%

PH5261 Research Project

Credits: 30 ECTS Semester: 2

Programme(s): Compulsory module in the Erasmus Mundus Master in Photonics

Description: This module comprises a 5 month long research project that is conducted in self-study and supported by a project supervisor (to be determined). It comprises the analysis of a problem provided by the supervisor and builds on the preparation conducted in the first semester (PH5260). The student will conduct a series of experiments to develop and test possible solutions to the problem provided. The methods employed and solutions developed during the project will be described in a report and the findings be presented as an oral presentation at the summer school.

Teaching: 5 month long project.

Assessment: Continuous Assessment = 100%

PH5301 Dissertation for M.Sc. Programme

Credits: 60 Semester: Summer

Programme(s): Compulsory module for M.Sc. Physics Postgraduate Taught Programme.

Description: This dissertation will be supervised by a member of the teaching staff who will advise on the choice of subject and provide guidance during the work. The completed dissertation of not more than 15,000 words must be submitted by the end of August.

Teaching: Weekly meetings with supervisor

Assessment: Dissertation and Oral Examination = 100%

School of Psychology

Head of School

Professor M D MacLeod

Taught Programmes

Postgraduate Certificate:	Adults with Learning Disabilities who have Significant and Complex Needs Adults Support, Protection and Safeguarding
Postgraduate Diploma:	Adults with Learning Disabilities who have Significant and Complex Needs
M.Sc.:	Adults with Learning Disabilities who have Significant and Complex Needs Conversion Course Psychology Evolutionary and Comparative Psychology: The Origins of Mind Health Psychology
M.Res.:	Psychology

Programme Requirements

Psychology

M.Res.: 180 credits from modules SS5101 - SS5104, PS5003, PS5005 & Dissertation module PS5002

Conversion Course Psychology

M.Sc.: 100 credits from SS5104, PS5005, PS5240, PS5231- PS5234, 10 credits from PS5235 - PS5236, and 10 credits from PS5237 –PS5238 and 60 credits from PS5002

Adults with Learning Disabilities who have Significant and Complex Needs

Postgraduate Certificate:	60 Postgraduate SCOTCAT Points from any four modules from CE5001-CE5006 (15 Points per module)
Postgraduate Diploma:	60 credits from PS5101 - PS5106 Plus 60 credits from CE5001-CE5006 or equivalent (10 Points per module)
M.Sc.:	60 credits from PS5101 - PS5106 Plus 60 credits from CE5001-CE5006 or equivalent plus PS5199

Adults Support, Protection and Safeguarding

Postgraduate Certificate: 60 credits from PS5401 - PS5420

Evolutionary and Comparative Psychology: The Origins of Mind

M.Sc.: 150 credits from PS5005, PS5010, PS5011, PS5012, PS5013, plus 30 additional credits to be chosen from PS4085, PS4086, PS5003, PS5031, or other approved 4000 level modules.

Health Psychology

M.Sc.: 120 credits from MD5001, MD5002, MD5003, MD5004, MD5090 plus 60 credits from PS5003, PS5005

M.Res. and M.Sc. (Evolutionary and Comparative) Psychology Programme

These modules are designed to constitute an M.Res. Programme and also as training for students who are accepted into a higher research degree in Psychology, in order both to equip them with the specific skills necessary for the completion of their research and to provide them with the general skills necessary for undertaking a career as an research psychologist. The M.Res. Programme in Psychology is appropriate for students who wish to pursue research in psychology that is related to the social sciences. The programme is recognized by the UK Economic and Social Research Council.

Co-requisite: All seven modules are to be taken together in the same session. In the case of part-time students, students arriving at non-standard times, or other special circumstances, the 'same session' requirement may be waived at the discretion of the Head of School.

Modules

A set of postgraduate interdisciplinary modules in the social sciences (Economics, Management, International Relations, Psychology, Geography and Social Anthropology) composes the core of the basic research training. Complementary modules specific to psychology are offered for advanced training in research design, analysis and professional skills.

PS4085 Evolution and Development of Social and Technical Intelligence

Credits: 15 Semester: Either

Programme(s): Optional module for M.Sc. - Evolutionary and Comparative Psychology: the Origins of Mind.

Description: The last two decades have witnessed a surge of research on social and technical intelligence, both in humans and an increasingly wide range of non-human animal species. This module surveys the principal discoveries, integrating field and captive studies, as well as both observational and experimental methodologies, to trace the evolution and development of aspects of social intelligence such as imitation and theory of mind, and technical intelligence, such as tool use and understanding of causality. Key aims include appreciating the range of methodologies that have been developed and how these can be used to trace the evolution and ontogeny of the underlying psychological mechanisms.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 25%, 2 Hour Examination = 75%

PS4086 Origins and evolution of mind reading (Theory of Mind)

Credits: 15 Semester: Either

Programme(s): Optional module for M.Sc. - Evolutionary and Comparative Psychology: the Origins of Mind.

Description: The module will offer a comparative approach to the emergence of the ability to understand mental states in children and non-human primates, and its alteration in autism. This ability (also known as Theory of Mind) is at the heart of many of humans unique cognitive achievements, but their origins can be traced back in evolution and development. The course will discuss the current state of research in this area, emphasizing both empirical and conceptual aspects posed by the combination of the evolutionary and developmental approaches.

Class Hour: To be arranged.

Teaching: Two hour seminar.

Assessment: Continuous Assessment = 25%, 2 Hour Examination = 75%

PS5002 Research Project

Credits: 60 Semester: Whole Year

Prerequisite: M.Res: Acceptance into the M.Res. degree programme in Psychology plus satisfactory completion of modules SS5101 - SS5104; PS5003 and PS5005.
M.Sc: Acceptance into the M.Sc Conversion Course in Psychology plus satisfactory successful completion of 120 credits taught modules (100 credits from SS5104, PS5005, PS5240, PS5231- PS5234, 10 credits from PS5235 - PS5236, and 10 credits from PS5237 PS5238).

Co-requisite: None.

Programme(s): Compulsory module for M.Res. in Psychology and for the MSc Conversion Course in Psychology.

Description: The student will carry out a major piece of original and independent research under the guidance of an academic supervisor. Under normal circumstances the research will be planned during the academic semesters and then conducted during the summer after successful completion of the other M.Res. modules. Supervision will be regular and will normally average approximately one hour every two weeks. The aim of the module is to give the student an opportunity to develop expertise in designing, conducting and analysing psychological research, and also to learn how to present such work in writing.

Class Hour: To be arranged with the supervisor

Teaching: Personal tutorials at approximately two-weekly intervals

Assessment: 15,000 word (maximum) research report

PS5003 Generic Research and Professional Skills in Psychology

Credits: 30 Semester: Whole Year

Prerequisite: Acceptance into a research degree in Psychology

Co-requisite: All seven modules are to be taken together in the same session. In the case of part-time students, students arriving at non-standard times, or other special circumstances, the 'same session' requirement may be waived at the discretion of the Head of School.

Programme(s): **Compulsory** module for M.Res. in Psychology.
Optional module for M.Sc. - Evolutionary and Comparative Psychology: the Origins of Mind.

Description: This module introduces students to the various skills and issues which are of importance to academic psychologists irrespective of their particular area of research. Weekly seminars will cover the various topics, such as academic presentations (published writing, talks, posters), the use of technology in order to enhance communication, how to read research reports, how to gain ethical approval for research, and how to build an academic career.

Class Hour: To be arranged

Teaching: Seventeen 2 hour seminars

Assessment: Ten elements of Continuous Assessment

PS5005 Methods of Data Analysis in Psychology

Credits: 30 Semester: 2

Prerequisite: Acceptance into a research degree in Psychology

Co-requisite: All seven modules are to be taken together in the same session. In the case of part-time students, students arriving at non-standard times, or other special circumstances, the 'same session' requirement may be waived at the discretion of the Head of School.

Programme(s): Compulsory module for M.Sc. - Evolutionary and Comparative Psychology: the Origins of Mind, M.Sc Conversion Course in Psychology and for M.Res. in Psychology

Description: This module aims to ensure that students are competent in the use of advanced data analysis in psychology. This includes advanced training in common statistics (including regression, analysis of variance and multivariate techniques) plus additional training in qualitative methods. Students will also study more complex topics such as statistical modeling.

Class Hour: To be arranged

Teaching: Eleven 2-hour workshops

Assessment: Ten elements of Continuous Assessment

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PS5010 Principal Approaches to the Origins of Mind

Credits: 30 Semester: Either
Co-requisites: PS5005, PS5011, PS5012, PS5013
Programme(s): Compulsory module for M.Sc. - Evolutionary and Comparative Psychology: the Origins of Mind.

Description: This module serves to introduce distinct ways of studying the origins of mind within a comparative Tinbergian framework, emphasizing both functional and mechanistic accounts; why capacities exist, how they are implemented, how they evolved and how they develop. Lectures will cover general evolutionary theory and: (1) Comparative/Phylogenetic, (2) Developmental, (3) Mechanistic/causal, and (4) Functional/adaptive approaches. 'Hot' research topics will be presented using particulars of these frameworks and will exemplify the spectrum of methods possible to address the origins of mind.

Class Hour: 10.00 am Seminars, 2.00 pm Practicals/Tutorials

Teaching: seminar and tutorial/practical each week

Assessment: Continuous Assessment = 100%

PS5011 Empirical Approaches to the Evolution of Communications

Credits: 15 Semester: Either
Co-requisites: PS5005, PS5010, PS5012, PS5013
Programme(s): Compulsory module for M.Sc. - Evolutionary and Comparative Psychology: the Origins of Mind.

Description: This module will explore the evolution of human language and animal communication through the comparative study of communication and cognition in humans and a variety of non-human species. The module will include detailed analysis of multiple empirical approaches used in cutting-edge research in both field and laboratory. The module integrates evolutionary theory, behavioural ecology, ethology, linguistics and psychological theory to account for how and why humans and other species have evolved their unique communication skills. An important focus will be on empirical methods of testing various theories proposed for the evolution of communication and language.

Class Hour: 9.00 or 11.00 am Seminars, 2.00 pm Practicals/Tutorials

Teaching: Two hour seminars, tutorials and practicals

Assessment: Continuous Assessment = 100%

PS5012 The Origins of Human Cognition

Credits: 15 Semester: Either
Co-requisites: PS5005, PS5010, PS5011, PS5013
Programme(s): Compulsory module for M.Sc. - Evolutionary and Comparative Psychology: the Origins of Mind.

Description: This module focuses on the origins of human cognition from evolutionary and developmental perspectives. How do we come to parse the 'blooming buzzing confusion' of cues from our physical and social environments into meaningful representations that support functionally adaptive behaviour? In the physical world are objects, their properties and the causal underpinnings of their interactions. The social world contains agents, their actions, and their mental states. How does cognitive processing reveal cues and build representations about the causal structure of the physical and social world? This course examines how these features are perceived and processed by developing humans and other animals for adaptive behaviour, and investigates the evidence for the proximate mechanisms underlying the abilities seen. The module links together the evolution and development of different cognitive abilities with a focus on empirical comparative research.

Class Hour: 9.00 am Seminars, 2.00 pm Practicals/Tutorials

Teaching: Two hour seminars, one-and-a-half hour tutorials and practicals

Assessment: Continuous Assessment = 100%

PS5013 Research Project

Credits: 60 Semester: Summer

Co-requisites: PS5005, PS5010, PS5011, PS5012

Programme(s): Compulsory module for M.Sc. - Evolutionary and Comparative Psychology: the Origins of Mind.

Description: This aim of this module is to acquire research skills within the domain of evolutionary psychology. Students will conduct and report a research project from an evolutionary perspective. Projects may comprise field and/or laboratory-based studies, the analysis (including meta-analysis) of extant data, or the critical review and evaluation of existing literature. Students will need to demonstrate substantive contribution to the project and that the work is original. The thesis can be in any area of evolutionary psychology agreed by the student's supervisor and course coordinator, and approved by ethical review.

Class Hour: not applicable

Teaching: not applicable

Assessment: Continuous Assessment = 100%

PS5031 Review

Credits: 15 Semester: Either

Anti-requisite: Students completing non-empirical research projects (e.g. meta-analytic review) for PS5013

Co-requisites: PS5005, PS5010, PS5011, PS5012, PS5013

Programme(s): Optional module for M.Sc. - Evolutionary and Comparative Psychology: the Origins of Mind.

Description: This supervised review will compare and contrast different theoretical and methodological approaches to a particular topic in the study of the mind. The aim of this module is to encourage students to gain a clear picture as to what is unique about an evolutionary approach to the study of the mind, how it differs from other psychological approaches, and to gain an appreciation of the strengths and weaknesses of such an approach. Suitable topics for review will be chosen by agreement with the student's supervisor and the Course Controller.

Class Hour: To be arranged.

Teaching: Four tutorials across the semester

Assessment: Continuous Assessment = 100%

SS5101 Being a Social Scientist: Skills, Processes and Outcomes

Credits: 15 Semester: 1 & 2

Programme(s): Compulsory module for M.Res. in Psychology.

Description: This module focuses on developing students' specific research thinking and writing skills in a practically based way. Thus, the module will address the nature of being a research social scientist including exploring some of the ethical issues involved. The module will also consider selecting suitable research questions and framing these as appropriate for Masters and PhD dissertations.

Class Hour: To be arranged

Teaching: Eleven 2.5-hour sessions

Assessment: Continuous Assessment = 100%

SS5102 Philosophy and Methodology of the Social Sciences

Credits: 15 Semester: 1

Programme(s): Compulsory module for M.Res. in Psychology.

Description: Beginning with a discussion of the evolution of the social sciences, this module addresses central philosophical questions of social science including discussion of epistemological and methodological aspects of positivism and interpretivism.

Class Hour: To be arranged.

Teaching: Twelve 2-hour sessions

Assessment: Continuous Assessment = 100%

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SS5103 Qualitative methods in Social Research

Credits: 15 Semester: 2

Programme(s) Compulsory module for M.Res. in Psychology.

Description: This module offers both a theoretical and practical introduction to qualitative research. The diversity of the approaches to qualitative research will be addressed but the focus of the module is primarily practical necessitating the active participation of students.

Class Hour: To be arranged

Teaching: Nine 2-hour sessions

Assessment: Continuous Assessment = 100%

SS5104 Quantitative Research in Social Science

Credits: 15 Semester: 1

Programme(s) Compulsory module for M.Sc. Conversion Course in Psychology and the M.Res. in Psychology.

Description: This module will cover basic concepts and approaches to quantitative research in the social sciences in order to provide students with the basic quantitative tools for collecting, organising and analysing data.

Class Hour: To be arranged

Teaching: Ten 2-hour workshops

Assessment: Continuous Assessment = 100%

Postgraduate Certificate/Diploma/MSc. by Distance Learning: Adults with Learning Disabilities who have Significant and Complex Needs Programme

These modules are designed as training for staff working in learning/intellectual disability services, to update current knowledge and good practice, and to teach the specific skills necessary to undertake a career as a research practitioner in learning disability services.

Co-requisite: All four Postgraduate Certificate modules to be completed within 12 months. All six Postgraduate Diploma modules are to be completed within 12 months. Assessment of Postgraduate M.Sc. is by a 15,000-word Dissertation.

Modules

A choice of 4 from 6 postgraduate modules (CE5001-CE5006) delivered by distance learning, comprises the core of the Postgraduate Certificate. These modules (CE5001-CE5006) may also be taken as single modules. At Postgraduate Diploma level, a set of 6 modules (PS5101-PS5016) is the basic research practitioner training.

Postgraduate Certificate modules (CE5001-CE5006)

CE5001 Distance Learning Programme: Challenging Behaviour

Credits:	15 SCOTCAT	Semester:	Either – Distance learning
Programme(s):	Module for the Postgraduate Certificate programme: Adults with Learning Disabilities who have Significant and Complex Needs.		
Prerequisites:	A university degree or a professional qualification (/social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered.		
Co-requisites:	Employed full or part-time in health, social or voluntary sector services to people with learning disabilities.		
Description:	This is a module concerned with the additional needs of adults with learning disabilities. This module considers definitions of challenging behaviour and how such behaviour is conceptualized in modern theories. It looks at: Types of challenging behaviour, prevalence, causation and theoretical perspectives, person-environment interactions, neurobiological explanations of challenging behaviour, behavioural phenotypes and challenging behavior, approaches to intervention, cognitive-behaviour therapy, service design, organizational culture, specialization in community settings, assessment and treatment units, support in integrated settings, support family carers, support in day opportunity settings.		
Class Hour:	150 notional hours of learning time (delivered by online distance learning)		
Teaching:	One introductory seminar – Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.		
Assessment:	Continuous Assessment =100%		

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CE5002 Distance Learning Programme: Mental Health

Credits:	15 SCOTCAT	Semester:	Either – Distance learning
Programme(s):	Module for the Postgraduate Certificate programme: Adults with Learning Disabilities who have Significant and Complex Needs.		
Prerequisites:	A university degree or a professional qualification (social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered.		
Co-requisites:	Employed full or part-time in health, social or voluntary sector services to people with learning disabilities.		
Description:	The module investigates how mental health difficulties reveal themselves in people with learning disabilities and how they may be diagnosed. Also investigated, through evidence based practice: different types of mental health difficulties, a range of responses by front-line staff to such difficulties, methods of assessment and courses of treatment, residential and non-residential mental health services, and ethical and legal issues related to mental health difficulties		
Class Hour:	150 notional hours of learning time (delivered by online distance learning)		
Teaching:	One introductory seminar - Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.		
Assessment:	Continuous Assessment =100%		

CE5003 Distance Learning Programme: Offenders with Learning Disabilities

Credits:	15 SCOTCAT	Semester:	Either – Distance learning
Programme(s):	Module for the Postgraduate Certificate programme: Adults with Learning Disabilities who have Significant and Complex Needs.		
Prerequisites:	A university degree or a professional qualification (social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered. Co-requisites: Employed full or part-time in health, social or voluntary sector services to people with learning disabilities.		
Description:	The module investigates how services support people who have a learning disability and/or mental health condition and who have either been convicted of an offence indicating a risk to the public or have exhibited behaviour indicating pro-active management is required. It aims to improve students' ability to assess social and healthcare needs and management of forensic services in order to enhance quality of life and preserve individual rights as the person with learning disabilities. Case studies of individuals and of services are used to illustrate the complexity of this area of work, and to demonstrate best practice.		
Class Hour:	150 notional hours of learning time (delivered by online distance learning)		
Teaching:	One introductory seminar - Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.		
Assessment:	Continuous Assessment =100%		

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CE5004 Distance Learning Programme: Profound and Multiple Disabilities

Credits:	15 SCOTCAT	Semester:	Either – Distance learning
Programme(s):	Optional module for the Postgraduate Certificate programme: Adults with Learning Disabilities who have Significant and Complex Needs.		
Prerequisites:	A university degree or a professional qualification (social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered.		
Co-requisites:	Employed full or part-time in health, social or voluntary sector services to people with learning disabilities.		
Description:	The module aims to increase understanding of the complex social and health care needs of adults with profound and multiple learning disabilities. Students will investigate the requirements of good service provision for this group and provide examples of how community presence and participation can be achieved. The role of family carers in long term support is also researched.		
Class Hour:	150 notional hours of learning time (delivered by online distance learning)		
Teaching:	One introductory seminar - Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.		
Assessment:	Continuous Assessment =100%		

CE5005 Distance Learning Programme: Vulnerability, Victimisation and Abuse

Credits:	15 SCOTCAT	Semester:	Either – Distance learning
Programme(s):	Module for the Postgraduate Certificate programme: Adults with Learning Disabilities who have Significant and Complex Needs.		
Prerequisites:	A university degree or a professional qualification (social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered.		
Co-requisites:	Employed full or part-time in health, social or voluntary sector services to people with learning disabilities.		
Description:	The module investigates the history of and settings for victimisation and abuse of vulnerable individuals, in the context of adult support and protection. Students are asked analyse their own service setting with respect to arrangements that minimise the possibility of victimisation and abuse and develop strategies to deal with suspected or identified incidents of abuse. A number of illustrative case studies are explored. There is also an investigation of the knowledge and skills needed to respond to the needs of those who have been abused in a constructive manner.		
Class Hour:	150 notional hours of learning time (delivered by online distance learning)		
Teaching:	One introductory seminar - Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.		
Assessment:	Continuous Assessment =100%		

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CE5006 Distance Learning Programme: Older People with Learning Disabilities

Credits:	15 SCOTCAT	Semester:	Either – Distance learning
Programme(s):	Module for the Postgraduate Certificate programme: Adults with Learning Disabilities who have Significant and Complex Needs.		
Prerequisites:	A university degree or a professional qualification (social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered.		
Co-requisites:	Employed full or part-time in health, social or voluntary sector services to people with learning disabilities.		
Description:	The module investigates knowledge and skills needed to support people with learning disabilities as they get older and in their later years with respect to their social and health needs (including dementia) The course aims to improve the ability to assess social and healthcare needs and management of services in order to enhance quality of life and preserve individual rights as the person with learning disabilities gets older and to increase knowledge of the role and expectations of older family carers.		
Class Hour:	150 notional hours of learning time (delivered by online distance learning)		
Teaching:	One introductory seminar - Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.		
Assessment:	Continuous Assessment =100%		

Postgraduate Diploma modules (PS5101-PS5106)

PS5101 Intellectual Disability Research

Credits:	10	Semester:	Either - Distance learning
Prerequisite:	60 credits from CE5001 - CE5006 or 60 credits from an equivalent Postgraduate Certificate in Learning Disabilities		
Programme(s):	Compulsory module for Postgraduate Diploma in Adults with Learning Disabilities who have Significant and Complex Needs.		
Description:	This distance-learning module is one of six in the postgraduate Diploma programme <i>Adults with Learning Disabilities who have Significant and Complex Needs</i> . It introduces students to the core skills necessary for research in the field of Intellectual Disability, including the following: <i>Unit 1:</i> What kinds of questions can be addressed in ID research? <i>Unit 2:</i> The practitioner-research <i>Unit 3:</i> What are the principal paradigms through which questions may be addressed? <i>Unit 4:</i> Research, evaluation and audit <i>Unit 5:</i> Theories, concepts and operationalisation <i>Unit 6:</i> Ethical issues and ethical permission The module is appropriate for professionally qualified staff who wish to develop research skills with a view to improving their professional practice. The core text for this module is Robson, C. (2002) <i>Real World Research: A resource for social scientists and practitioner-researchers</i> : 2nd edition. Oxford: Blackwell.		
Class Hour:	100 notional hours of learning time (delivered by online distance learning)		
Teaching:	One introductory seminar - Teaching materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.		
Assessment:	Continuous Assessment = 100%		

PS5102 Data Collection and Sampling

Credits: 10 Semester: Either - Distance learning
Prerequisite: 60 credits from CE5001 - CE5006 or 60 credits from an equivalent Postgraduate Certificate in Learning Disabilities

Programme(s): Compulsory module for Postgraduate Diploma in Adults with Learning Disabilities who have Significant and Complex Needs.

Description: This distance-learning module is one of six in the postgraduate Diploma programme *Adults with Learning Disabilities who have Significant and Complex Needs*. It introduces students to the core skills necessary for research in the field of Intellectual Disability, including the following:

Unit 1: Quantitative data: types of measurement; issues in sampling

Unit 2: Qualitative data: sources; issues in sampling

Unit 3: Surveys and Questionnaires

Unit 4: Interviews

Unit 5: Use of standardised assessment instruments

Unit 5: Observational methods

Unit 6: Experimental measurement

The module is appropriate for professionally qualified staff who wish to develop research skills with a view to improving their professional practice.

The core text for this module is Robson, C. (2002) *Real World Research: A resource for social scientists and practitioner-researchers*: 2nd edition. Oxford: Blackwell.

Class Hour: 100 notional hours of learning time (delivered by online distance learning)

Teaching: One introductory seminar - Teaching materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.

Assessment: Continuous Assessment = 100%

PS5103 Quantitative Data Analysis: Fixed Designs

Credits: 10 Semester: Either - Distance learning

Prerequisite: 60 credits from CE5001 - CE5006 or 60 credits from an equivalent Postgraduate Certificate in Learning Disabilities

Programme(s): Compulsory module for Postgraduate Diploma in Adults with Learning Disabilities who have Significant and Complex Needs.

Description: This distance-learning module is one of six in the postgraduate Diploma programme *Adults with Learning Disabilities who have Significant and Complex Needs*. It introduces students to the core skills necessary for research in the field of Intellectual Disability, including the following:

Unit 1: General design issues

Unit 2: Experimental design

Unit 3: Quasi-experimental designs

Unit 4: The analysis of quantitative data

Unit 5: Analysis of single subject data

Unit 6: Graphical presentation

The module is appropriate for professionally qualified staff who wish to develop research skills with a view to improving their professional practice.

The core text for this module is Robson, C. (2002) *Real World Research: A resource for social scientists and practitioner-researchers*: 2nd edition. Oxford: Blackwell.

Class Hour: 100 notional hours of learning time (delivered by online distance learning)

Teaching: One introductory seminar - Teaching materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.

Assessment: Continuous Assessment = 100%

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PS5104 Qualitative Data Analysis: Flexible Designs

Credits: 10 Semester: Either - Distance learning
Prerequisite: 60 credits from CE5001 - CE5006 or 60 credits from an equivalent Postgraduate Certificate in Learning Disabilities

Programme(s): Compulsory module for Postgraduate Diploma in Adults with Learning Disabilities who have Significant and Complex Needs.

Description: This distance-learning module is one of six in the postgraduate Diploma programme *Adults with Learning Disabilities who have Significant and Complex Needs*. It introduces students to the core skills necessary for research in the field of Intellectual Disability, including the following:

- Unit 1:* Background to qualitative research
- Unit 2:* Grounded theory studies
- Unit 3:* Case study methods
- Unit 4:* Ethnographic studies
- Unit 5:* Analysing qualitative data
- Unit 6:* What to avoid in reporting qualitative research

The module is appropriate for professionally qualified staff who wish to develop research skills with a view to improving their professional practice.

The core text for this module is Robson, C. (2002) *Real World Research: A resource for social scientists and practitioner-researchers*: 2nd edition. Oxford: Blackwell.

Class Hour: 100 notional hours of learning time (delivered by online distance learning)

Teaching: One introductory seminar - Teaching materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.

Assessment: Continuous Assessment = 100%

PS5105 Writing a Research Report

Credits: 10 Semester: Either - Distance learning

Prerequisite: 60 credits from CE5001 - CE5006 or 60 credits from an equivalent Postgraduate Certificate in Learning Disabilities

Programme(s): Compulsory module for Postgraduate Diploma in Adults with Learning Disabilities who have Significant and Complex Needs.

Description: This distance-learning module is one of six in the postgraduate Diploma programme *Adults with Learning Disabilities who have Significant and Complex Needs*. It introduces students to the core skills necessary for research in the field of Intellectual Disability, including the following:

- Unit 1:* Reporting data from a quantitative study
- Unit 2:* Reporting data from a qualitative study
- Unit 3:* Types of report (empirical, review, case study etc)
- Unit 4:* Organisation and content in reporting research
- Unit 5:* Referencing
- Unit 6:* Submitting papers for journal publication

The module is appropriate for professionally qualified staff who wish to develop research skills with a view to improving their professional practice.

The core text for this module will be Robson, C. (2002) *Real World Research: A resource for social scientists and practitioner-researchers*: 2nd edition. Oxford: Blackwell.

Class Hour: 100 notional hours of learning time (delivered by online distance learning)

Teaching: One introductory seminar - Teaching materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.

Assessment: Continuous Assessment = 100%

PS5106 Undertaking a Small Scale Study

Credits:	10	Semester:	Either - Distance learning
Prerequisite:	60 credits from CE5001 - CE5006 or 60 credits from an equivalent Postgraduate Certificate in Learning Disabilities		
Programme(s):	Compulsory module for Postgraduate Diploma in Adults with Learning Disabilities who have Significant and Complex Needs.		
Description:	This distance-learning module is one of six in the postgraduate Diploma programme <i>Adults with Learning Disabilities who have Significant and Complex Needs</i> . It introduces students to the core skills necessary for research in the field of Intellectual Disability, including the following: <i>Unit 1:</i> Developing your idea <i>Unit 2:</i> Undertaking a literature review <i>Unit 3:</i> Writing a research proposal <i>Unit 4:</i> The practitioner-researcher re-visited <i>Unit 5:</i> Requirements for course assignment <i>Unit 6:</i> Working through the model answer The module is appropriate for professionally qualified staff who wish to develop research skills with a view to improving their professional practice. The core text for this module is Robson, C. (2002) <i>Real World Research: A resource for social scientists and practitioner-researchers</i> : 2nd edition. Oxford: Blackwell.		
Class Hour:	100 notional hours of learning time (delivered by online distance learning)		
Teaching:	One introductory seminar - Teaching materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.		
Assessment:	Continuous Assessment = 100%		

Postgraduate Masters (MSc.)

PS5199 Dissertation for Adults with learning Disabilities who have Significant and Complex needs M.Sc. Programme

Credits:	60	Semester:	Either - Distance learning
Prerequisite:	4 modules from CE5001 - CE5006, plus PS5101 - PS5106		
Programme(s):	Compulsory module for M.Sc. in Adults with Learning Disabilities who have Significant and Complex Needs.		
Description:	A member of the teaching staff in the School of Psychology, who will advise on the choice of subject and provide guidance during the work, will supervise this dissertation. The completed dissertation of not more than 15, 000 words must be submitted within 12 months of the starting date.		
Class Hour:	To be negotiated with supervisor.		
Teaching:	Individual Supervision.		
Assessment:	Continuous Assessment = 100%		

Postgraduate Certificate by Distance Learning: Adult Support, Protection and Safeguarding Programme

This programme of 6 modules is designed for staff working in supervisory or professional positions in services for older people and adults with learning disabilities or mental health problems. The focus of the programme is on how services can best support and protect vulnerable adults, with reference to legislation, policy and practice.

Co-requisite: All 6 Postgraduate Certificate modules (PS5401-PS5406) to be completed within 12 months.

Modules

A set of postgraduate modules delivered by distance learning composes the core of the basic research practitioner training.

PS5401 The Evidence on the Abuse of Adults

Credits: 10 **Semester:** - Distance learning

Programme(s): Compulsory module for the Postgraduate Certificate programme: Adult Support, Protection and Safeguarding.

Prerequisites: A university degree or a professional qualification (/social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered, if they are working in supervisory or professional positions.

Co-requisites: Employed full or part-time in health, social or voluntary sector services to older people and adults with learning disabilities or mental health problems

Description: This is a module concerned with the historical evidence and prevalence of abuse of vulnerable adults. We consider definitions of abuse, the nature of harm and people most at risk from harm. The topics studied include sexual harm, physical harm, financial exploitation, neglect and self-neglect, emotional harm and discriminatory harm.

Class Hour: 100 notional hours of learning time (delivered by online distance learning)

Teaching: One introductory seminar - Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.

Assessment: Continuous Assessment =100%

PS5402 The Ecological Model of Adult Protection

Credits: 10 **Semester:** - Distance learning

Programme(s): Compulsory module for the Postgraduate Certificate programme: Adult Support, Protection and Safeguarding.

Prerequisites: A university degree or a professional qualification (/social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered, if they are working in supervisory or professional positions.

Co-requisites: Employed full or part-time in health, social or voluntary sector services to older people and adults with learning disabilities or mental health problems

Description: This is a module concerned with an 'Ecological Model' of adult protection. We consider how characteristics of vulnerable adults, perpetrators, relationship and environmental factors must all be taken into account in service agency policies and regulatory frameworks. The topics studied include the individual at risk, settings, legislation and government policy, culture and philosophy and international influences.

Class Hour: 100 notional hours of learning time (delivered by online distance learning)

Teaching: One introductory seminar - Teaching materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.

Assessment: Continuous Assessment =100%

PS5403 The Individual at Risk and Significant others

Credits:	10	Semester: - Distance learning
Programme(s):	Compulsory module for the Postgraduate Certificate programme: Adult Support, Protection and Safeguarding.	
Prerequisites:	A university degree or a professional qualification (/social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered, if they are working in supervisory or professional positions.	
Co-requisites:	Employed full or part-time in health, social or voluntary sector services to older people and adults with learning disabilities or mental health problems	
Description:	This is a module focusing on the individual at risk and significant others, in the context of adult protection. We look at how investigations of allegations of harm need to be conducted systematically, taking into account issues of capacity and consent, training, and dealing with the consequences of harm.	
Class Hour:	100 notional hours of learning time (delivered by online distance learning)	
Teaching:	One introductory seminar - Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.	
Assessment:	Continuous Assessment =100%	

PS5404 Protective Service Designs: The Setting and Service Agency

Credits:	10	Semester: - Distance learning
Programme(s):	Compulsory module for the Postgraduate Certificate programme: Adult Support, Protection and Safeguarding.	
Prerequisites:	A university degree or a professional qualification (/social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered, if they are working in supervisory or professional positions.	
Co-requisites:	Employed full or part-time in health, social or voluntary sector services to older people and adults with learning disabilities or mental health problems	
Description:	This is a module focusing on protective service designs, in the context of adult protection. We look at the importance of service design, culture and policies in health, social services and the voluntary sector. The module analyses the impact of service design on the degree of risk of harm for adults with learning disabilities.	
Class Hour:	100 notional hours of learning time (delivered by online distance learning)	
Teaching:	One introductory seminar - Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.	
Assessment:	Continuous Assessment =100%	

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PS5405 Regulatory Frameworks and Adult Protection Procedures

Credits:	10	Semester: - Distance learning
Programme(s):	Compulsory module for the Postgraduate Certificate programme: Adult Support, Protection and Safeguarding.	
Prerequisites:	A university degree or a professional qualification (/social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered, if they are working in supervisory or professional positions.	
Co-requisites:	Employed full or part-time in health, social or voluntary sector services to older people and adults with learning disabilities or mental health problems	
Description:	This is a module looking at the international, national and local context of adult protection frameworks. We look at how legislation and policy are translated into regulatory frameworks to protect and safeguard vulnerable adults. Human Rights and ethical issues are considered in a wider international perspective.	
Class Hour:	100 notional hours of learning time (delivered by online distance learning)	
Teaching:	One introductory seminar - Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.	
Assessment:	Continuous Assessment =100%	

PS5406 Adult Support, Protection and Safeguarding: Ecological Model Assignment

Credits:	10	Semester: - Distance learning
Programme(s):	Compulsory module for the Postgraduate Certificate programme: Adult Support, Protection and Safeguarding.	
Prerequisites:	A university degree or a professional qualification (/social work/nursing/professions allied to medicine). In some cases applicants with substantial relevant work experience in a cognate discipline, together with at least three years practical experience in staff management or supervision will be considered, if they are working in supervisory or professional positions.	
Co-requisites:	Employed full or part-time in health, social or voluntary sector services to older people and adults with learning disabilities or mental health problems	
Description:	This module provides information and instruction for completion of the written module assignment; a service-based audit of adult protection. This assignment will be based on either (a) an adult protection case from the student's own professional practice, or (b) a detailed adult protection case study provided for the purpose.	
Class Hour:	100 notional hours of learning time (delivered by online distance learning)	
Teaching:	One introductory seminar - Online teaching and learning materials supplied for distance learning, supported by online materials and access to WebCT, library electronic databases. University tutor support by email and telephone.	
Assessment:	Continuous Assessment =100%	

Conversion Course Psychology M.Sc.

PS5231 Conceptual Issues and Theoretical Perspectives

Credits: 10 Semester: Either

Programme: Compulsory module for M.Sc. Conversion Course Psychology

Description: This module addresses the historical and philosophical background to current debates in psychology. The module will be taught via lectures and seminars including student presentations. Emphasis will be placed on the development of critical analysis of alternative models and levels of explanations of behaviour, and the ability to relate conceptual debates in psychology to issues in the real world.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm.

Teaching: One 2 hour lecture and one 3 hour practical class

Assessment: Continuous Assessment = 100%

PS5232 Assessment in Clinical Psychology

Credits: 10 Semester: Either

Programme: Compulsory module for M.Sc. Conversion Course Psychology

Description: This module presents psychopathological conditions and provides a basic understanding of the underlying neuronal and/or cognitive-behavioural mechanisms. Examples will be drawn from the field of clinical psychology and/or clinical neuropsychology. The module will further explore in detail the tools and procedures used to assess psychopathological conditions by discussing their theoretical/statistical background and by demonstrating how to use these tools in clinical and experimental settings. In addition, the use of these tools will be trained in small group settings.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm.

Teaching: One 2 hour lecture and one 3 hour practical class

Assessment: Continuous Assessment = 100%

PS5233 Developmental Psychology

Credits: 10 Semester: Either

Programme: Compulsory module for M.Sc. Conversion Course Psychology

Description: This module is designed to equip students with an appreciation of key principles, concepts, methods and discoveries in developmental psychology, with an emphasis on evolutionary and comparative perspectives that are a particular strength of such work in St Andrews. The module aims to offer a broad perspective spanning infancy to childhood, and a range of key topics in cognitive and social development.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm.

Teaching: One 2 hour lecture and one 3 hour practical class

Assessment: Continuous Assessment = 100%

PS5234 Social Psychology

Credits: 10 Semester: Either

Programme: Compulsory module for M.Sc. Conversion Course Psychology

Description: This module explores in depth key topics across the breadth of social psychological enquiry. A variety of research approaches will be examined in order to develop the scientific understanding and critical skills in this field. Approaches that will be covered include social cognition, social identity and the study of intergroup relations. In each case, the strengths and limitations of the approaches are explored, and theoretical knowledge will be linked to current events.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm.

Teaching: One 2 hour lecture and one 3 hour practical class

Assessment: Continuous Assessment = 100%

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PS5235 Cognitive & Behavioural Neuroscience

Credits: 10 Semester: Either
Programme: Either PS5235 or PS5236 is a compulsory module for M.Sc. Conversion Course Psychology
Anti-requisite: PS5236

Description: This module aims to provide an understanding of psychological knowledge in several inter-related domains concerned with the biological bases of behaviour. Emphasis will be laid on basic experimental science from analysis of molecular and synaptic events, single cell studies, brain activity scans, and clinical studies, and the relationship between cognitive, emotional, behavioural, neurological and physiological processes will be examined.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm.
Teaching: One 2 hour lecture and one 3 hour practical class
Assessment: Continuous Assessment = 100%

PS5236 Evolutionary and Comparative Psychology

Credits: 10 Semester: Either
Programme: Either PS5235 or PS5236 is a compulsory module for M.Sc. Conversion Course Psychology
Anti-requisite: PS5235

Description: This module will address evolutionary and comparative approaches to psychology. The aim is to provide an understanding of major evolutionary forces and how they have shaped animal and human behaviour and psychology. Key principles, concepts and methodologies will be introduced and related to specific topic areas such as the evolution of social behaviour and the evolutionary origins of language and cognition.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm.
Teaching: One 2 hour lecture and one 3 hour practical class
Assessment: Continuous Assessment = 100%

PS5237 Perception

Credits: 10 Semester: Either
Programme: Either PS5237 or PS5238 is a compulsory module for M.Sc. Conversion Course Psychology
Anti-requisite: PS5238

Description: The aim of this module is to develop an understanding of visual perception and its functions. Stress will be laid on the integration of findings from physiology, neuropsychology, anatomy, and psychophysics. Topic areas covered will include theories of human vision and their application to understanding our ability to perceive distinct visual properties, for example the shape, size, location and identity of objects. Emphasis will be placed on the development of the skill of critical evaluation of evidence and theory, with particular focus on awareness of the latest issues in the discipline.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm.
Teaching: One 2 hour lecture and one 3 hour practical class
Assessment: Continuous Assessment = 100%

PS5238 Cognition

Credits: 10 Semester: Either
Programme: Either PS5237 or PS5238 is a compulsory module for M.Sc. Conversion Course Psychology
Anti-requisite: PS5237

Description: The aim of this module is to develop an understanding of human memory and attention. Topic areas covered will include theories of attention, short and long term memory, processes involved in memory encoding, maintenance and retrieval. Emphasis will be placed on the development of the skill of critical evaluation of evidence and theory. Lectures will be accompanied by practical classes, in which students will gain experience of the experimental methods used in cognitive research, and seminars in which research papers will be critically evaluated.

Class Hour: 9.00 - 11.00 am and 2.00 - 5.00 pm.
Teaching: One 2 hour lecture and one 3 hour practical class
Assessment: Continuous Assessment = 100%

PS5240 Review

Credits: 15 Semester: 2
Programme: Compulsory module for M.Sc. Conversion Course Psychology
Description: This review will critically analyse and review complex current material in one particular topic in the study of the mind. Students will be required to attend the School Seminar series and to elect the work presented by one of the speakers as the basis for this essay. As part of the essay they should read relevant publications both by the speaker and by others in the relevant field. Students should consider both the theoretical significance and the real-world relevance of the work.
Assessment: Review = 100%

Health Psychology

MD5001 Theories of Health Psychology and Behaviour Change

Credits: 15 Semester: 1
Programme(s): Compulsory module for M.Sc. in Health Psychology
Description: This module will consist of the knowledge base that covers the context and perspectives of health psychology including an historical overview and current theories and approaches in health psychology. It will include an awareness of other related disciplines, and acknowledgement of social and cultural factors. Theoretical models of health behaviour and behaviour change will be introduced including associated health-related beliefs and cognitions.
Class Hour: To be arranged.
Teaching: Three lectures and a two hour tutorial.
Assessment: Continuous Assessment = 40%, Two Hour Examination = 60%

MD5002 Quality of Life, Communication and Chronic Illness

Credits: 15 Semester: 1
Prerequisite: MD5001
Programme(s): Compulsory module for M.Sc. in Health Psychology
Description: This core module will contain the knowledge base for understanding the conceptual underpinnings of the quality of life field and its importance in generating a debate about the success of health care interventions, assessment of care and definitions of health and illness. The relevance of psychological issues to the person suffering acute and chronic illness will be covered and the important role of communication processes in the interface between patient, clinical staff and care-givers will be included as a key theme. Some practical observation of clinical-related communication processes will be an additional feature of this module.
Class Hour: To be arranged.
Teaching: Three lectures, a two hour tutorial and a practical.
Assessment: Continuous Assessment = 40%, Two Hour Examination = 60%

MD5003 Biological Systems and Development

Credits: 15 Semester: 2
Prerequisite: MD5001, MD5002
Programme(s): Compulsory module for M.Sc. in Health Psychology
Description: This core module will introduce the importance of biological and developmental systems to the understanding of people's perceived and actual health status including methods of assessing health behaviour and intervening to change health behaviour. This module will consist of learning a generalisable tool to analyse and pool the effects of interventions, namely meta-analysis.
Class Hour: To be arranged.
Teaching: Three lectures, a two hour tutorial and a practical.
Assessment: Continuous Assessment = 40%, Two Hour Examination = 60%

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MD5004 Health Information and Decision Making

Credits: 15 Semester: 2

Prerequisite: MD5001, MD5002, PS5003

Co-requisite: PS5005

Programme(s): Compulsory module for M.Sc. in Health Psychology

Description: This core module introduces the student to the expanding field of health information and decision making. Members of the public, whether they are patients or not are bombarded with health information and mis-information, via various media, from which they may process and make decisions about entering or remaining in the health care system, or embarking on new health or self care interventions designed to improve outcome. Students will acquire understanding on how to assess the influence of these interventions through detailed examination of a mixture of theoretical and practical steps.

Class Hour: To be arranged.

Teaching: Three lectures, a two hour tutorial and a practical.

Assessment: Continuous Assessment = 40%, Two Hour Examination = 60%

MD5090 Research Project in Health Psychology

Credits: 60 Semester: Whole Year

Programme(s): Compulsory module for M.Sc. in Health Psychology

Description: The dissertation will consist of a written report of original, empirical health psychology research, up to 15,000 words in length. It will consist of an appropriate literature review, statement of aims, methods, results, discussion and conclusion sections with supporting bibliography. The project will be supervised and receive ethical approval.

Class Hour: To be arranged.

Teaching: Individual Supervision.

Assessment: Project Report = 100%

Sustainable Development

Taught Programmes

M.Sc.: Sustainable Development

M.Res.: Sustainable Development

Programme Requirements

Sustainable Development

Postgraduate Certificate: 60 credits from (SD5001 or SD5021), SD5002 and at least 10 credits from SD5022, SS5102, SS5103, SS5104, SD5023-SD5089, ID5010, ID5011, ID5012, and option modules on the MSc in SD) or any other 5000-level modules available to postgraduate SD students at the discretion of the Director of the Programme.

Postgraduate Diploma: 70 credits from (SD5001 or SD5021), SD5002, SD5003, plus 15 credits from SS5103 or SS5104, plus a minimum of 35 credits from SD5022-SD5089, ID5005, ID5010, ID5011, ID5012, BL5008, BL5009, BL5012, BL5013, BL5201, BL5104, BL5122, EC5505, GE5051, GG5101, GG5102, GG5103, GG5104, MN5842, MN5603, SA5521 or any other 5000-level module at the discretion of the Director of the Programme.

M.Sc.: 120 credits, as for the Postgraduate Diploma, plus SD5099

M.Res.: 110 credits from (SD5002, SD5003, SS5101 - SS5104), plus 60 credits SD5099 from and a further 10 credits from SD5022-SD5089, ID5005, ID5010, ID5011, ID5012, BL5008, BL5009, BL5012, BL5013, - BL5101, BL5104, BL5122, EC5505, GG5101, GG5102, GG5104, MN5842, MN5602, MN5603, SA5521 or any other 5000-level module at the discretion of the Director of the Programme.

Modules

SD5001 Introduction to Sustainable Development Issues

Credits: 20 Semester: 1

Anti-requisite: SD5021

Programme(s): Compulsory module for Sustainable Development Taught Programme

Description: This module provides an introduction to sustainable development. First, it introduces the history of the concept of sustainable development and the practical issues that sustainable development seeks to address. Second, there is a series of disciplinary-based lectures that describe the nature and functioning of the physical, biological, social and economic systems that combine to create the world that we can observe around us. Specific material will also be presented that links these various aspects together and explores their interactions.

In addition, this module will have a short induction component to it during the pre-sessional week of term which has a three-fold purpose: (i) to introduce students to the shape of the degree program and St Andrews, (ii) allow students to explore their existing skill base and identify what skills require further work and (iii) provide a context (in the form of a field trip) within which to start an investigation of what inter-disciplinarity entails. This will entail two one-day seminars.

Class Hour: To be arranged.

Teaching: Lectures, seminars and tutorials

Assessment: Continuous Assessment = 30%, 2 Hour Examination = 70%

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SD5002 Knowledge and Sustainable Development

Credits: 30 Semester: 1
Programme(s): Compulsory module for Sustainable Development Taught Programme

Description: This module explores the particular intellectual challenges that arise in understanding sustainable development problems and seeking solutions to these problems. The module is structured around three streams/elements: (i) a consideration of disciplinarity and how knowledge from different disciplines may be brought together to address sustainable development problems, (ii) an exploration of how knowledge is used by policy makers in sustainable development, and (iii) training in deconstructing sustainable development problems. By the end of the module, students will have the intellectual and conceptual skills to address sustainable development problems.

Class Hour: To be arranged.
Teaching: Lectures, seminars and practicals
Assessment: Continuous Assessment = 100%

SD5003 Master Class in Sustainable Development

Credits: 20 Semester: 2
Programme(s): Compulsory module for Sustainable Development Taught Programme

Description: This module has three elements: (i) a series of presentations by experts in their chosen field of sustainable development along with structured reflection and further exploration of these various topic areas, (ii) the development and presentation (in groups) of case studies of sustainable development problems and/or exemplars of excellence in sustainable development, and (iii) two field trips to examine examples of sustainable development in practice. This module is designed to provide you with the tools for making sustainable development possible in a wide range of settings.

Class Hour: To be arranged.
Teaching: Lectures, seminars, tutorials and field trips
Assessment: Continuous Assessment = 100%

SD5021 Review of Sustainable Development

Credits: 20 Semester: 1
Prerequisite: A First Degree in Sustainable Development, a Degree in a subject area cognate to Sustainable Development, or extensive experience in Sustainable Development practice
Anti-requisite: SD5001
Programme(s): Optional module for Sustainable Development Taught Programme

Description: This module creates the opportunity for self directed learning by students who already have a sustainable development degree, a degree that is highly cognate to sustainable development or extensive experience in sustainable development practice. The module aims to refresh sustainable development knowledge and requires the submission of a substantive piece of work on a sustainable development issue. The module will be supported by student lead seminars on topics covered by the class.

In addition, this module will have a short induction component to it during the pre-sessional week of term which has a three-fold purpose: (i) to introduce students to the shape of the degree program and St Andrews, (ii) allow students to explore their existing skill base and identify what skills require further work and (iii) provide a context (in the form of a field trip) within which to start an investigation of what inter-disciplinarity entails. This will entail two one-day seminars.

Class Hour: To be arranged.
Teaching: Lectures, seminars and practicals
Assessment: Continuous Assessment = 100%

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SD5022 Special Topic in Sustainable Development

Credits:	10	Semester:	Either
Programme(s):	Optional module for Sustainable Development MSc Taught Programme and Compulsory module for Postgraduate Certificate in Sustainable Development		
Description:	This module provides an opportunity for further study in any area of sustainable development (as agreed between the module co-ordinator and the student). This module creates the opportunity for in-depth engagement with a sustainable development topic or serves as preparation for a dissertation in sustainable development where the student wishes to study an area that they do not already have in-depth knowledge of. The module involves a student creating their own course of study (supported by a supervisor) leading to a substantive piece of academic writing about that subject area.		
Class Hour:	To be arranged.		
Teaching:	Lectures		
Assessment:	Continuous Assessment = 100%		

SD5099 Dissertation in Sustainable Development

Credits:	60
Prerequisites:	(SD 5001 or SD5021), SD5002 and SD5003
Programme(s):	Compulsory module for M.Res. or M.Sc. Sustainable Development Taught Programme
Description:	This module creates the context within which students are able to investigate a substantive sustainable development topic in considerable depth. It is the capstone module of the Master's degree in sustainable development. There are three forms that the dissertation may take: (i) a dissertation in the form of an extended piece of academic work, (ii) a paper of a quality that could (and will be) submitted to a peer-refereed journal or (iii) an extended report that presents the finding of a substantive investigation into a sustainable development related topic of the nature that can be presented to an organization to allow them to take appropriate actions. The form of the dissertation will be negotiated between the module co-ordinator and the student.
These forms of dissertation constitute the same level of effort to generate and an upper limit of 15,000 words for each form of assessment. It is envisaged that while a paper for a journal (depending on the journal target) may be less than 15,000 words a more extended evidence base for the journal article would be required from the student bringing the word count to the maximum specified.	
Class Hour:	To be arranged.
Teaching:	To be arranged with supervisor
Assessment:	Dissertation = 100%

ID5010 Geographic Information Systems for Social Research

Credits:	15	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5011, ID5012		
Programme(s):	Optional module for Sustainable Development Taught Programme		
Description:	This module provides an introduction to Geographic Information systems and their use in health (and related) problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of health examples will be given.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 50%, Short Project = 50%		

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ID5011 Geographic Information Systems for Environmental Management

Credits:	15	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5010, ID5012		
Programme(s):	Optional module for Sustainable Development Taught Programme		
Description:	This module provides an introduction to Geographic Information systems and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes and individual projects. The module will be assessed through class exercises and the final, short individual project. Students will be introduced to methods of acquiring, storing, analysing and displaying (2D and 3D) spatial digital data using the ArcGIS data package. An introduction to data manipulation and statistical techniques on a variety of environmental examples will be given. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth and environmental science, biology, archaeology, and mathematics.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 50%, Short Project = 50%		

ID5012 Advanced Geographic Information Systems

Credits:	20	Semester:	1
Prerequisite:	A basic ability in computer skills (Basic word processing, spread sheet analysis) gained through SALTIRE if not demonstrated		
Anti-requisite:	GE5005, ID5010, ID5011		
Programme(s):	Optional module for Sustainable Development Taught Programme		
Description:	This module provides an advanced training in Geographic Information Systems (GIS) and their use in environmental problem solving. The module will be taught through a series of lectures, tutorials, laboratory classes with emphasis on a final independent GIS project. The module will begin with an introduction to data storage and manipulation, basic analysis of 2D and 3D spatial digital data and methods of display and will conclude with database design and more advanced data analysis using ArcGIS. Assessment will be based on the class exercises and the final project. The module is taught within the School of Geography & Geosciences but incorporates datasets and analysis techniques used in earth science, biology, economics and management and mathematics.		
Class Hour:	To be arranged.		
Teaching:	Lectures, practicals and occasional tutorials.		
Assessment:	Continuous Assessment = 40%, Individual Project = 60%		

SA5521 Case-studies in Anthropology, Indigenous Peoples and Resource Extraction

Credits:	30	Semester:	1
Programme(s):	Optional Module for M.Res. in Social Anthropology and M.Sc. in Sustainable Development		
Description:	Subsurface minerals and other natural resources are often found on land occupied by indigenous peoples. This module has a particular focus on this nexus, examining the social and cultural relations produced by resource extraction projects, and exploring the global and local frames through a series of world-wide case-studies of mining, oil and gas projects. These case-studies are used to examine problems, solutions and the factors making certain agreements and relations more successful and sustainable than others. The aim is to examine the potential for anthropological skills and knowledge to contribute to an industry that has increasingly to account for its social and environmental impacts to a global constituency.		
Class Hour:	To be arranged.		
Teaching:	Two seminars.		
Assessment:	Continuous Assessment = 100%		

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SS5103 Qualitative Methods in Social Research

Credits: 15 Semester: 2

Programme(s): Optional module for Sustainable Development Taught Programme

Description: This module offers both a theoretical and practical introduction to qualitative research. The diversity of the approaches to qualitative research will be addressed but the focus of the module is primarily practical necessitating the active participation of students.

Class Hour: To be arranged

Teaching: 2 hour, weekly

Assessment: Continuous Assessment = 100%

SS5104 Quantitative Research in Social Science

Credits: 15 Semester: 1

Programme(s): Optional module for Sustainable Development Taught Programme

Description: This module will cover basic concepts and approaches to quantitative research in the social sciences in order to provide students with the basic quantitative tools for collecting, organising and analysing data.

Class Hour: To be arranged

Teaching: Details to follow

Assessment: Continuous Assessment = 100%

	<i>credits</i>	<i>semester</i>	<i>year taught</i>	<i>page ref.</i>
Ancient History				
AN5001 Themes and Methods in Ancient History	40	whole year	all	7.2
AN5003 Integrated Study Abroad (Athens)	40	2	all	7.3
AN5004 Integrated Study Abroad (Rome)	40	2	all	7.3
AN5099 Dissertation for M.Litt. Programme/s	60		all	7.3
AN5101 Greek and Roman Warfare	40	2	all	7.3
AN5103 Religion and Society in the Ancient World	40	2	all	7.4
AN5106 Athens in the Fifth Century	40	2	all	7.4
AN5112 The Archaeology of the City of Rome	40	2	all	7.4
AN5116 Cicero and the invention of Roman political thought	40	1	all	7.5
AN5120 Identity and Power in the Roman East	40	1	all	7.5
AN5129 The Emperor Constantine and the World of Late Antiquity	40	1	all	7.5
AN5132 The Archaeology of Greek Religion	40	1	all	7.6
AN5137 Tyranny and Kingship in the Ancient Mediterranean	40	1	all	7.6
AN5139 Archaeology of Greece: city, countryside and communication	40	1	all	7.6
Arabic (see also Middle Eastern History)				
AR5023 Advanced Arabic for Postgraduates	40	whole year	all	14.4, 19.1
AR5099 Dissertation for M.Litt. Programme/s	60	–	all	14.4
AR5237 Beginning Arabic for Postgraduates	40	whole year	all	14.5, 16.2+
AR5301 Arabic for Postgraduate Studies I	20	1	all	14.5, 19.2
AR5302 Arabic for Postgraduate Studies II	20	2	all	14.5, 19.2
Art History				
AH5079 Thomas Chippendale and Scotland	30	2	all	4.2
AH5083 Giorgione	30	1	all	4.2
AH5085 Art and Politics in the Trecento	30	1	all	4.2
AH5099 Dissertation for M.Litt. Programme/s	60		all	4.2
AH5100 Art Historical Resources and Methods	30	2	all	4.3
AH5101 Readings in Art History or History of Photography	30	either	all	4.3, 14.4
AH5102 Bibliography for Art History or History of Photography	30	either	all	4.3
AH5118 Paragons of Northern Baroque: Rubens and Rembrandt	30	2	all	4.3
AH5122 Bernini	30	2	all	4.4
AH5141 Imperial Lens: Readings in Nineteenth-Century Asian Photography	30	1	all	4.4
AH5142 School: Images, Spaces, Artefacts and Ideas of Learning	30	1	all	4.4
AH5143 Vernacular Photography: History, Theory, Representation and Display	30	2	all	4.4
AH5504 Theory & Practice of Museums, Art Galleries & Related Organisations, Part 1: Collections in Context	40	1	all	4.5
AH5505 Theory & Practice of Museums, Art Galleries & Related Organisations, Part 2: Audiences and Management	40	2	all	4.5
AH5506 Project Work (Museum and Gallery Studies)	40	whole year	all	4.5
Astronomy				
AS5001 Astronomical Data Analysis	15	1	all	23.3
AS5002 Star Formation and Plasma Astrophysics	15	1	all	23.3
AS5003 Contemporary Astrophysics	15	1	all	23.3

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Biology				
BL5008 Basic Concepts in Ecology and Evolution	15	1	all	5.2
BL5009 Plant Responses to their Environment	10	1	all	5.2
BL5010 Marine Ecology and Physiology	10	1	all	5.2
BL5011 Conservation Biology	10	2	all	5.3
BL5012 Environmental Genomics	10	2	all	5.3
BL5013 Environmental Microbiology and Ecotoxicology	10	2	all	5.3
BL5015 Essential scientific skills and legislation	0	1	all	5.4
BL5018 Case Studies in Environmental Biology	20	1 & 2	all	5.4
BL5019 Research Project	55	2	all	5.4
BL5021 Basic Concepts in Mathematical and Statistical Analysis	15	1	all	5.5
BL5103 Population Biology of Marine Mammals	15	2	all	5.5
BL5104 Conservation and Management of Marine Mammals	15	2	all	5.5
BL5111 Essential Methods in Marine Mammal Science I	10	1	all	5.6
BL5112 Essential Methods in Marine Mammal Science II	10	whole year	all	5.6
BL5121 Current Issues in Marine Mammal Behaviour	10	2	all	5.6
BL5122 Current Issues in Biologging	10	2	all	5.6
BL5123 Studying Marine Mammals in the Wild: A field course in Iceland	10	before 1	n/a 10-11	5.7
BL5124 Predator Ecology in Polar Ecosystems - A field course in Antarctica	10	2	all	5.7
BL5199 Marine Mammal Science Research Project	60	summer	all	5.8
BL5201 Biology of Marine Mammals	10	1	all	5.8
BL5202 Case Studies in Marine Mammal Biology	10	1	all	5.8
BL5301 Marine Systems I	15	1	all	5.9
BL5302 Marine Systems II	15	2	all	5.9
BL5303 Marine Systems Research Methods	15	2	all	5.9
BL5321 Marine Biodiversity and Ecosystem Function	15	1	all	5.10
BL5322 Managing Marine Resources for Sustainability	30	2	all	5.10
BL5323 Advanced Modelling	30	2	all	5.10
BL5324 Organisms to Ecosystems: Anthropogenic Impacts	30	2	all	5.11
BL5399 Marine Systems Science Research Project	60	summer	all	5.11
BL4801 Aquaculture and Fisheries	10	2 (TBC)	all	5.11
BL4802 Biology for Aquaculture	10	2 (TBC)	all	5.11
BL5801 Nutrition	20	2 (TBC)	all	5.12
BL5802 Management, Husbandry and Sustainability	10	2 (TBC)	all	5.12
BL5803 Health and Disease	20	2 (TBC)	all	5.12
BL5804 Markets, Products, Processing and Food Safety	10	2 (TBC)	all	5.12
BL5805 Local and Global Impacts of Aquaculture	10	2 (TBC)	all	5.12
BL5821 Breeding and Genetics	10	2 (TBC)	all	5.13
BL5822 Advanced Welfare and Ethics	10	2 (TBC)	all	5.13
BL5823 Recirculation Aquaculture Systems	10	2 (TBC)	all	5.13
BL5824 Ornamental and Aquaria Production	10	2 (TBC)	all	5.13
BL5825 Larval Rearing	10	2 (TBC)	all	5.13
BL5899 Sustainable Aquaculture Research Dissertation	60	whole year	all	5.14
ID5005 Enterprise, Creativity and Innovation (10)	10	1	all	5.14
ID5011 Geographic Information Systems for Environmental Management	15	1	all	5.14
ID5012 Advanced Geographic Information Systems	20	1	all	5.15
MT5751 Estimating Animal Abundance	10	2	all	5.15
MT5752 Modelling Ecological Dynamics	20	2	all	5.15

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Biology (continued)				
MT5753 Statistical Modelling	20	1	all	5.16
MT5754 Mini Project 1	20	2	all	5.16
MT5755 Mini Project 2	20	1	all	5.16
Chemistry				
CH5442 Chemistry Research Project for First Year MPhil	60	whole year	all	6.1
Classics				
CL5099 Dissertation for M.Litt. Programme/s	60		all	7.7
CL5201 Themes and Methods in Classics	40	whole year	all	7.7
CL5305 Research Training: Special Topic 1	20	2	all	7.7
CL5306 Research Training: Special Topic 2	40	both	all	7.7
CL5406 Enacting Gender in Aristophanic Comedy	40	2	all	7.8
CL5409 The Ancient and Modern Novel	40	1	all	7.8
CL5422 The Expansion of the Afterlife	40	1	all	7.8
CL5425 Classical Reception	40	1	all	7.9
CL5426 Plato on Democracy and Tyranny	40	2	all	7.9
Computer Science (see also Information Technology)				
CS5001 Object-Oriented Programming	5	1	all	8.2
CS5011 Advanced Artificial Intelligence	20	1	all	8.3
CS5012 Languages & Perception	20	2	all	8.3
CS5013 Knowledge & Reasoning	20	2	all	8.3
CS5019 Artificial Intelligence (Special Subject)	20	2	all	8.4
CS5021 Advanced Networks and Distributed Systems	20	1	all	8.4
CS5022 Distributed Systems Architecture	20	2	all	8.4
CS5023 Mobile & Multimedia Systems	20	2	all	8.5
CS5029 Networks & Distributed Systems (Special Subject)	20	2	all	8.5
CS5031 Advanced Software Engineering	20	1	all	8.5
CS5032 Critical Systems Engineering	20	2	all	8.6
CS5033 Software Architecture	20	2	all	8.6
CS5039 Software Engineering (Special Subject)	20	2	all	8.6
CS5900 Research and Professional Skills in Computer Science	20	2	all	8.7
CS5999 Dissertation in Computer Science	60	summer	all	8.7
Continuing Education (see also Psychology)				
CE5001 Distance Learning: Challenging Behaviour	15 SC	either	all	24.7
CE5002 Distance Learning: Mental Health	15 SC	either	all	24.8
CE5003 Distance Learning: Offenders with Learning Disabilities	15 SC	either	all	24.8
CE5004 Distance Learning: Profound and Multiple Disabilities	15 SC	either	all	24.9
CE5005 Distance Learning: Vulnerability, Victimisation and Abuse	15 SC	either	all	24.9
CE5006 Distance Learning: Older People with Learning Disabilities	15 SC	either	all	24.10

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Divinity				
DI5011 Church History Special Topic	40	either	all	9.2
DI5099 Dissertation for M.Litt. Programme/s	60		all	9.2
DI5115 New Testament Special Topic	40	either	all	9.2
DI5211 Old Testament Special Topic	40	either	all	9.2
DI5226 Hebrew I: Introduction to Hebrew Language	20	1	all	9.3
DI5227 Hebrew 2	20	2	all	9.3
DI5228 New Testament Greek I	20	2	all	9.3
DI5305 Practical Theology Special Topic	40	either	all	9.3
DI5415 Theology Special Topic	40	1	all	9.4
DI5431 Theological Engagements with the Arts: Rationales, Methods and Texts	40	1	all	9.4
DI5441 Christian Doctrine and the Arts	40	1	all	9.4
DI5442 Religious Experience and Aesthetic Theory	40	2	all	9.4
DI5907 The Book of Revelations	40	2	n/a 10-11	9.5
DI5908 Public Theology	40	1	all	9.5
DI5909 Weathering the Storm: Suffering and the Bible	40	2	n/a 10-11	9.5
DI5920 The Bible and Diversity	40	1	n/a 10-11	9.6
DI5922 Digital Faith	40	2	10-11	9.6
DI5999 Dissertation (Distance Learning)	60		all	9.6
Economics & Finance				
EC5501 Thinking Strategically	20	1	all	10.2
EC5502 The International Economy	20	1	all	10.2
EC5503 Models and Methods in International Strategy and Economics	20	1	all	10.2
EC5504 Growth and Economic Development	20	2	all	10.2
EC5505 Global and Local Issues of the Environment	20	2	all	10.3, 14.5
EC5506 Entrepreneurship and Business Planning	20	2	all	10.3
EC5507 European Economic Integration	20	2	all	10.3
EC5509 The New Institutional Economics	20	2	n/a 10-11	10.4
EC5518 The Economics of Negotiations	20	2	all	10.4
EC5599 International Strategy and Economics Dissertation	60	whole year	all	10.4
EC5601 Investment Analysis	20	1	all	10.5
EC5602 Financial Modelling	20	1	all	10.5
EC5603 Financial Markets and Institutions	20	1	all	10.5
EC5604 Corporate Finance	20	2	all	10.6
EC5605 Monetary Policy	20	2	all	10.6
EC5606 Corporate Governance and Risk	20	2	all	10.6
EC5608 Financial Intermediation	20	2	all	10.7
EC5609 Financial Econometrics	20	2	all	10.7
EC5610 Mergers and Acquisitions	20	2	all	10.7
EC5699 Finance Dissertation	60	whole year	all	10.8
EC5701 Neoclassical Finance	20	1	all	10.8
EC5702 Optimization in Finance	20	1	all	10.8
EC5703 Financial Times Series Analysis	20	1	all	10.9
EC5704 Computations in Finance	20	2	all	10.9
EC5705 Options and Derivatives	20	2	all	10.9
EC5721 Microstructure of Financial Markets	20	2	all	10.10
EC5722 Risk Management	20	2	all	10.10

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Economics & Finance (continued)				
EC5799 Dissertation in Analytic Finance	60	whole year	all	10.10
EC5801 Money and Banking	20	1	all	10.11
EC5802 Commercial Banking	20	2	all	10.11
EC5803 Central Banking	20	2	all	10.11
EC5899 Dissertation in Money, Banking and Finance	60	whole year	all	10.12
EC5901 International Finance	20	1	all	11.12
EC5997 Dissertation in International Finance	60	whole year	all	11.12
English				
EN5004 Writing Poetry I	40	1	all	11.3
EN5005 Writing Poetry II	60	2	all	11.3
EN5006 Writing Fiction I	40	1	all	11.3
EN5007 Writing Fiction II	60	2	all	11.3
EN5031 Shakespeare and the English Renaissance	40	whole year	all	11.5
EN5032 The Reception of Shakespeare 1660-1900	40	either	all	11.5
EN5033 Modern Shakespeares	40	either	all	11.5
EN5099 Dissertation for M.Litt. Programme/s	60		all	11.2
EN5100 Literary Research: Skills and Resources	20	1	all	11.4, 11.5
EN5101 Research Skills for Creative Writing	20	1	all	11.3
EN5112 Theories and Contexts	40	whole year	all	11.6
EN5115 Women, Writing and Gender 1: Renaissance to Romanticism	30	1	all	11.6
EN5116 Women, Writing and Gender 2: Victorian to Contemporary	30	2	all	11.6
EN5201 Romantic Studies	30	1	all	11.4
EN5202 Victorian Studies	30	2	all	11.4
EN5203 Northern Romantics, Northern Victorians	30	whole year	all	11.4
English Language Teaching				
ET5101 Teaching and Language	20	2	all	12.2
ET5103 Linguistics for Language Teachers	20	1	all	12.3
ET5104 Research Methods	20	1	all	12.3
ET5123 Teacher Education	10	2	all	12.3
ET5124 English for Academic Purposes	10	2	all	12.4
ET5125 Teaching Young Learners	10	2	all	12.4
ET5126 Testing and Evaluation	10	2	all	12.4
ET5199 Dissertation for M.Litt. Programme	60	2	all	12.4
ET5301 Language Analysis with Phonetics and Phonology	20	1	all	12.5
ET5302 Teaching and Methodology	20	1	all	12.5
ET5303 Teaching and Research	20	1	all	12.5
ET5977 Study Abroad - Descriptions and Analysis of English	20	1	all	12.5
ET5979 Study Abroad - Foreign Language Education	20	1	all	12.5
ET5989 Study Abroad - Schools of Linguistics and Academic Reading	20	1	all	12.6
ET5993 Study Abroad - Beijing	Zero	1	all	12.6

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Environmental History				
EH5003 Environmental History : Nature and the Western World, 1800 - 2000	40	2	all	14.6
EH5099 Dissertation for M.Litt. Programme/s	60		all	14.6
Film Studies				
FM5001 Theory and Practice of Research in Film Studies	60	whole year	all	22.2
FM5099 Dissertation for M.Litt. programme/s	60		all	22.3
FM5101 Transnational Cinema and Narrative Convention	30	1	n/a 10-11	22.3
FM5201 Deleuze and Transnational Cinema	30	2	n/a 10-11	22.3
FM5202 Heritage Cinemas in the Global Context: The Aesthetics and Politics of Period Film	30	2	n/a 10-11	22.4
FM5205 Displaced Identities: Transnational Film Auteur in Cultural Context	30	1	n/a 10-11	22.4
FM5207 Transnational Cinema and the Global Witness: Film and Human Rights	30	2	n/a 10-11	22.4
FM5210 Directed Reading in Film Studies	30	1	n/a 10-11	22.5
FM5211 Transnational Cinema in the Digital Age	20	1	n/a 10-11	22.5
FM5212 Transnational Reception of Cinema	30	1	n/a 10-11	22.5
FM5213 The Epic Film in Global Culture	30	2	n/a 10-11	22.6
FM5217 Scotland: Global Cinema	30	1	10-11	22.6
FM5218 Documentary Cinema	30	1	10-11	22.6
FM5301 Issues in Transnational Cinema and Narrative Convention	20	1	n/a 10-11	22.7
FM5302 Issues in Transnational Cinema and the Philosophy of Gilles Deleuze	20	1	n/a 10-11	22.7
FM5303 Issues of Heritage Cinemas: The Aesthetics and Politics of Period Film	20	2	n/a 10-11	22.7
FM5304 Issues of Cultural and Transnational Identity in Auteur Cinema	20	1	n/a 10-11	22.8
FM5305 Global Witness: Transnational Film and Human Rights	20	2	n/a 10-11	22.8
FM5306 Global Culture and the Epic Film	20	either	n/a 10-11	22.8
FM5307 The Reception of Cinema and the Transnational	20	either	n/a 10-11	22.9
FM5308 The Digital Age and Transnational Cinema	20	either	n/a 10-11	22.9
FM5309 Scotland: Small Cinema in the World	20	either	n/a 10-11	22.9
FM5310 Nonfiction Film	20	either	n/a 10-11	22.10
French				
FR5001 Advanced Translation	40	whole year	all	21.4
FR5002 Sociolinguistics of French	40	whole year	all	21.4
FR5003 The French Language Today	40	whole year	all	21.4
FR5004 Applied Translation Studies	40	whole year	all	21.5
FR5007 Echoes of 1940: The Questioning of French Identity	40	2	all	21.5
FR5099 Licentiate Dissertation	40	whole year	all	21.5
FR5101 Texts and Ideas in Early Modern France	20	1 or 2	all	21.6
FR5102 Perceptions of the Other in French Literature	20	1 or 2	all	21.6
FR5103 Directed Reading in French Literature & Culture	20	1 or 2	all	21.6
FR5104 Advanced Language Skills	20	whole year	all	21.7
FR5105 Self and Society: Comic Drama, 1620 - 1740	40	either	all	21.7
FR5106 The Metamorphoses of Orpheus: Song in Nineteenth-Century French Poetry	40	either	all	21.7
FR5107 Culture and Technology in Contemporary France	40	either	all	21.8

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French (continued)				
FR5108 Autofiction and the Media in Contemporary French Literature and Culture	40	either	all	21.8
FR5109 Twenty-first Century French Fiction: Creating the Contemporary	40	either	all	21.8
FR5199 Dissertation for M.Litt programme/s	60		all	21.9
FR5201 A Special Subject in French or Francophone Culture	20	1 or 2	all	21.9
FR5901 French for Postgraduate Studies 1	20	1 or 2	all	21.9
FR5902 French for Postgraduate Studies 2	20	2	all	21.9
FR5972 Study Abroad Module (60)	60	2	all	21.9
FR5982 Study Abroad Module (20)	20	2	all	21.10
Geography				
GE5001 Health Inequalities	10	1	n/a 10-11	13.1
GE5002 Health Care Provision and Utilisation	10	2	n/a 10-11	13.2
GE5006 Social Survey Methods in Health Research	15	2	n/a 10-11	13.2
GE5008 Dissertation in Health Geography	60	summer	n/a 10-11	13.2
GE5010 Health and Environment	10	1	n/a 10-11	13.2
GE5012 The Geography of HIV/AIDS	10	2	n/a	13.3, 14.6
GE5017 Spatial Analysis of Health Data	10	2	n/a 10-11	13.3
GE5051 Environmental Management in Scotland	20	1	all	13.3, 14.7
GG5101 Environmental Change	10	1	all	13.4
GG5102 Environmental Management and Policy	10	2	all	13.4
GG5103 Data capture and analysis 1: Geophysics and Remote Sensing	10	1	all	13.4
GG5104 Data capture and analysis 2: Laboratory methods	10	1	all	13.4
GG5110 Group Project	30	2	all	13.5
GG5111 Individual Project	60	summer	all	13.5
German				
GM5001 German-English Translation Methodology	40	2	all	21.10
GM5002 The Linguistics of Modern German	40	either	all	21.10
GM5012 The Method of Lexical Exceptions in German	40	either	all	21.10
GM5058 A Special Subject in German, Austrian or Swiss Culture (20)	20	either	all	21.11
GM5068 A Special Subject in German, Austrian or Swiss Culture (40)	40	either	all	21.11
GM5069 Gender and German Writing	40	2	all	21.11
GM5070 King Arthur and the Holy Grail: The world of Mediaeval Romance	40	either	all	21.11
GM5071 Cultural History of the Mediaeval Body	40	either	all	21.12
GM5072 The Prussian Myth	40	either	all	21.12
GM5099 Dissertation for M.Litt. programme/s	60		all	21.12
GM5101 German Identities	20	2	all	21.12
GM5201 Introduction to Mediaeval German Literature (40)	40	1	all	21.13
GM5301 Middle High German	20	1	all	21.13
GM5302 Introduction to Mediaeval German Literature (20)	20	1	all	21.13
GM5901 German for Postgraduate Studies 1	20	either	all	21.13
GM5092 German for Postgraduate Studies 2	20	2	all	21.13

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Greek				
GK5099 Dissertation for M.Litt. Programme/s	60		all	7.9
GK5102 Greek Tragedy and Athenian Culture	40	2	all	7.9
GK5103 Comedy and Society in Classical Athens	40	1	all	7.10
GK5104 Greek Rhetoric and Ideology	40	1	all	7.10
GK5105 Greek Aesthetics	40	2	all	7.10
GK5108 Greek Literature in the Roman Empire	40	1	all	7.11
GK5201 Greek 1	20	1	all	7.11
GK5202 Greek 2	20	2	all	7.11
History				
HI5002 Historical Sources and Skills I	40	whole year	all	14.7
HI5003 Historical Sources and Skills II	40	whole year	all	14.7
HI5004 Historical Sources and Skills III	20	either	all	14.8
HI5099 Dissertation for M.Litt. Programme/s	60		all	14.8
InterDisciplinary				
ID5005 Enterprise, Creativity and Innovation (10)	10	1	all	13.5, 15.1
ID5010 Geographic Information Systems for Social Research	15	1	all	13.6, 15.1
ID5011 Geographic Information Systems for Environmental Management	15	1	all	13.6, 15.2
ID5012 Advanced Geographic Information Systems	20	1	all	13.6, 15.2
ID5101 Introduction to University Teaching 1: Supporting Student Learning	10	either	all	15.3
ID5102 Introduction to University Teaching 2: Curriculum Design and Assessment	10	either	all	15,.3
Information Technology				
IS5101 Academic Project Planning	5	whole year	all	8.7, 17.3
IS5102 Database Management Systems	20	1	all	8.8, 17.3
IS5103 Web Technologies	20	2	all	8.8, 17.3
IS5104 Information Security Management	20	2	all	8.8, 17.3
IS5105 IT Software Engineering Principles	20	1	all	8.9, 17.4
IS5106 Digital Media	20	2	all	8.9, 17.4
IS5107 Information Technology Fundamentals	20	1	all	8.9
IS5109 Information Technology Project Planning	20	whole year	all	8.9
IS5198 Dissertation in Information Technology	60	summer	all	8.10
IS5199 Dissertation in Management and IT	60	summer	all	8.10, 17.4
International Relations				
IR5001 International Security	30	1	all	16.2
IR5003 Regional Security	30	1	all	16.3
IR5007 Terrorism and Liberal Democracy	30	2	all	16.3
IR5017 The United Nations and Global Governance	30	2	all	16.3
IR5024 Asian Security and the United States	30	2	all	16.3
IR5026 Ethics and the Use of Force	30	2	n/a 10-11	16.4
IR5029 Conflict and Peace in Post-communist Eurasia	30	2	all	16.4
IR5034 Political Communities, Political Violence	30	2	all	16.4
IR5036 Critical Security Studies	30	2	all	16.5
IR5038 International Politics of Nuclear Weapons	30	2	all	16.5
IR5039 Political Economy in Conflict	30	2	all	16.5

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International Relations (continued)				
IR5099 Dissertation for M.Litt. Programme/s	60		all	16.6
IR5151 Issues in Peace and Conflict	30	1	all	16.6
IR5217 International Relations of the Middle East	40	1	all	14.9, 16.6
IR5229 Conflict and Peace in Post-communist Eurasia	40	2	all	16.6
IR5401 Texts in International Political Thought	30	1	all	16.7
IR5402 Analysis and Interpretation in International Political Thought	30	2	all	16.7
IR5403 Political Philosophy and World Order	30	2	n/a 10-11	16.7
IR5406 Theories of Friendship and Enmity	30	2	all	16.7
IR5408 Global Constitutionalism	30	2	all	16.8
IR5501 Core in Middle East & Central Asian Security Studies	30	2	all	16.8
IR5502 Global & Transnational Islamism	30	2	all	16.8
IR5510 Central Asia in Global Politics	30	1	all	16.9
IR5520 International Relations of the Modern Middle East	30	1	all	16.9
IR5525 The Arab-Israeli Conflict Past & Present	30	2	all	16.9
IR5530 Introductory Uzbek	15	1	all	16.10
IR5531 Intermediate Uzbek	15	2	all	16.10
IR5601 Research Methods in International Relations	30	1	all	16.10
IR5602 International Relations: Philosophical and Historical Debates	15	2	all	16.11
IR5603 Texts in International Political Thought - for M.Res in International Relations	15	1	all	16.11
IR5604 Core in Middle East and Central Asian Security Studies - for MRes in International Relations	15	2	all	16.11
IR5605 Core in International Security Studies - for MRes in International Relations	15	1	all	16.11
IR5699 Dissertation for M.Res. Programme/s	60		all	16.12
IR5701 Theories of Peace and Conflict	30	1	all	16.12
IR5702 Case Studies in Conflict and Field Work Component	30	2	all	16.13
IR5723 Security and Conflict in Africa	30	2	all	16.13
IR5725 Globalisation and the South	30	2	all	16.14
IR5901 Fundamental Issues and Structures of Terrorism	30	see entry	all	16.14
IR5902 Research Methods	30	see entry	all	16.15
IR5903 Processes and Responses to Terrorism	30	see entry	all	16.15
IR5920 Electives	30	see entry	all	16.15
IR5999 Dissertation in Terrorism Studies M.Litt Programme	60		10-11	16.16
Italian				
IT5001 Memory and Identity: The Existential and Political cinema of Nanni Moretti	20	either	all	21.14
IT5002 Italian Humanism and the Foundations of European Identity	20	either	all	21.14
IT5003 Concepts of Love in Early Italian Literature	20	1	all	21.14
IT5004 New Italian Narrative Models: Pavese, Vittorini and Calvino, 1939 - 1957	20	either	n/a 10-11	21.15
IT5005 Extended Study in Italian Literature and Culture	20	either	all	21.15
IT5036 A Special Subject in Italian Culture	20	either	all	21.15
IT5101 Directed Reading in Italian Literature and Culture	40	2	all	21.16
IT5901 Italian for Postgraduate Studies 1	20	1	all	21.16
IT5902 Italian for Postgraduate Studies 2	20	2	all	21.16

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Latin				
LT5001 Roman Epic	40	1	all	7.12
LT5016 Latin Didactic Poetry	40	2	all	7.12
LT5018 Literature in the Reign of Nero	40	1	all	7.12
LT5020 Latin Astronomical Poetry	40	2	all	7.12
LT5099 Dissertation for M.Litt. Programme/s	60		all	7.13
LT5103 Latin 1	20	1	all	7.13, 9.7
LT5104 Latin 2	20	2	all	7.13, 9.7
Linguistics				
LI5001 General Linguistics	20	1	all	21.16
LI5002 Research Methods in Linguistics	20	2	all	21.16
LI5004 The Method of Lexical Exceptions	40	1	all	21.17
LI5006 Translation Studies and Methodologies	20	1	all	21.17
LI5007 Sociolinguistic Methodologies	40	2	all	21.17
LI5008 A Special Subject in Linguistics	20	either	all	21.17
Management				
MN4001 Introduction to Business Issues and Research Methods (was BS4001)	5	whole year	all	17.4
MN4263 Entrepreneurship and Small Business Development	20	1	10-11	23.3
MN5301 Application Packages for Management Research	5	2	all	17.5
MN5302 Research Issues in Management	20	1	all	17.5
MN5303 Theories and Current Issues in Management	20	2	all	17.5
MN5399 M.Res. Dissertation module	60		all	17.5
MN5401 International Marketing (was BS5105)	20	1 & 2	all	17.6
MN5402 Strategic Product Development (was BS5107)	20	2	all	17.6
MN5403 Marketing Research (was BS5103)	20	2	all	17.6
MN5404 Marketing Communications & Buyer Behaviour (was BS5104)	20	1	all	17.7
MN5421 Managing People in Global Markets (was BS5203)	20	2	all	17.7
MN5423 Global Business Strategy (was BS5205)	20	1	all	17.7
MN5424 Corporate Finance and Accounting in a Global Context	20	1	all	17.8
MN5441 Financial Accounting Information and Analysis (was BS5310)	20	1	n/a 10-11	17.8
MN5442 Corporate Financial Management (was BS5311)	20	1	all	17.8
MN5443 Research Methods in Finance and Management (was BS5315)	20	2	all	17.9
MN5444 Strategic Financial Management (was BS5316)	20	2	all	17.9
MN5461 Strategic Management in the Information Age (was BS5501)	20	2	all	8.10, 17.9
MN5470 Managing Human Resources (was BS5015)	20	1	all	8.11, 17.10
MN5471 Marketing: Principles and Practice	20	2	all	17.10
MN5472 Research Issues in Business, Management and Marketing (was BS5131)	20	1	all	17.10
MN5480 Human Resource Development	20	2	all	17.11
MN5491 Understanding the Creative Industries	20	1	all	17.11
MN5492 The Creative Process	10	1	all	17.11
MN5493 Understanding Social Dynamics	10	1	all	17.12
MN5494 Business Planning and Entrepreneurship	20	2	all	17.12
MN5495 Managing in a Complex Environment	20	2	all	17.12
MN5496 Valuing and Evaluation	20	2	all	17.12
MN5498 Group Dissertation (was BS5198)	60	2	all	17.13

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Management (continued)				
MN5499 Dissertation Module (was BS5199)	60	2	all	17.13
MN5501 Scenario Thinking and Strategy	20	1	all	17.14
MN5509 Public Relations	20	either	all	17.14
MN5510 Entrepreneurs and Entrepreneurship	20	either	all	17.15
MN5511 Leadership in Organisations	20	either	all	17.15
MN5512 International Business	20	2	all	17.15
MN5554 Marketing and Society (was BS5121)	20	either	all	17.16
MN5555 Business Marketing (was BS5124)	20	either	all	17.16
MN5556 Consumption, Markets and Culture (was BS5130)	20	either	all	8.11, 17.16
MN5559 Retailing Corporate Strategy	20	either	all	17.17
MN5599 Dissertation in Management & IT (was BS5599)	60	summer	all	8.11, 17.17
MN5602 Markets, Society and the Environment (was BS5320)	20	either	all	17.17
MN5603 Responsibility, Sustainability and Accountability in Organisations	20	either	all	17.18
MN5604 Financial Systems	20	either	all	17.18
MN5607 International Financial Management (was BS5335)	20	either	all	17.18
MN5608 Risk Management (was BS5336)	20	either	all	17.19
MN5611 Alternative Investment	20	either	all	17.19
MN5612 Investments and Portfolio Management	20	either	all	17.19
MN5751 Managing Creative Industries (was BS5016)	20	either	all	17.20
MN5841 Capital, Democracy and Sustainability	20	1	all	17.20
MN5842 Management as if the Earth Mattered	20	either	all	17.20
MN5901 Skills in Leadership	20	either	all	17.21
MN5902 Leadership: Perspectives and Reflective Practice	20	either	all	17.21
MN5903 Strategy, Governance and Leadership	20	either	all	17.21
Mathematics				
MT5099 Dissertation for M.Sc. Programme/s	60		all	18.2
MT5611 Advanced Symbolic Computation	20	2	10-11	18.2
MT5751 Estimating Animal Abundance	10	2	all	5.15, 18.3
MT5752 Modelling Ecological Dynamics	20	2	all	5.15, 18.3
MT5753 Statistical Modelling	20	1	all	5.16, 18.3
MT5754 Mini Project 1	20	2	all	5.16
MT5755 Mini Project 2	20	1	all	5.16
MT5756 Introductory Data Analysis	20	1	all	18.4
MT5757 Advanced Data Analysis	20	1	all	18.4
MT5758 Applied Multivariate Analysis	15	2	all	18.4
MT5759 Knowledge Discovery and Datamining	15	2	all	18.5
MT5802 Advanced Analytical Techniques	20	2	all	18.5
MT5806 Advanced Computational Techniques	20	2	all	18.5
MT5809 Advanced Fluid Dynamics	20	1	all	18.6
MT5810 Advanced Solar Theory	20	1	all	18.6
MT5812 Global Capital Markets - Structured Derivatives, Analytics and Applications	20	either	all	18.6
MT5824 Topics in Groups	20	1	all	18.7
MT5825 Measure and Ergodic Theory	20	1	all	18.7
MT5827 Lie Algebra	20	2	10-11	18.7
MT5829 Group Rings	20	2	all	18.7

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Mathematics (continued)				
MT5830 Topics in Geometry and Analysis	20	2	10-11	18.8
MT5831 Advanced Bayesian Inference	20	2	10-11	18.8
MT5990 Independent Study Module	20	either	all	18.8
MT5991 Professional Skills for Mathematical Scientists	30	whole year	all	18.8
Mediaeval History				
ME5001 Special Topic in Mediaeval History	40	whole year	all	14.9
ME5002 Sources and Source Criticism	40	whole year	all	14.9
ME5005 Manuscript Studies	40	either	all	14.10
ME5099 Dissertation for M.Litt. Programme/s	60		all	14.10
Mediaeval Studies				
MS5001 Approaches to Mediaeval Studies	40	whole year	all	19.1
AR5023 Advanced Arabic for Postgraduates	30	whole year	all	19.1
AR5237 Arabic for Beginners	30	whole year	all	19.1
AR5301 Arabic for Postgraduate Studies I	20	1	all	19.2
AR5302 Arabic for Postgraduate Studies II	20	2	all	19.2
GK1001 Greek Language for Beginners	20	1	all	19.2
GK1002 Greek Literature for Beginners	20	2	all	19.2
GK5010 Greek Language	40	whole year	all	19.3
IT5901 Italian for Postgraduate Studies 1	20	either	all	19.3
IT5902 Italian for Postgraduate Studies 2	20	2	all	19.3
ME5012 Sources and Source Criticism (20)	20	1	all	19.3
MS5021 Core Language and Text Skills 1 (Latin, Greek, Italian or Arabic)	20	1	all	19.3
MS5022 Core Language and Text Skills 2 (Latin, Greek, Italian or Arabic)	20	2	all	19.3
MS5023 An Introduction to Palaeography with Codicological and Manuscript Studies	20	2	all	19.4
MS5024 Mediaeval Language	20	1	all	19.4
MS5025 Discipline Skills	20	1	all	19.4
MS5026 Special Topic in Mediaeval Studies	20	1	all	19.4
MS5027 Special Topic in Mediaeval Studies II	20	2	all	19.4
MS5028 Latin for Mediaeval Studies	20	whole year	all	19.5
MS5099 Dissertation for M.Litt. Programme/s	60		all	19.5
MS5110 Narrative and History in Mediaeval England and Scotland 1370-1470	40	whole year	all	12.5,19.5
Medicine (including Health Psychology)				
MD5001 Theories of Health Psychology and Behaviour Change	15	1	all	20.1, 24.19
MD5002 Quality of Life, Communication and Chronic Illness	15	1	all	20.1, 24.19
MD5003 Biological Systems and Development	15	2	all	20.2, 24.19
MD5004 Health Information and Decision Making	15	2	all	20.2, 24.20
MD5090 Research Project in Health Psychology	60	whole year	all	20.2, 24.20
MD5101 Training in Research Skills	30	1	all	20.2
MD5102 Recent Advances in Medical Research	30	2	all	20.3
MD5190 Research Project in Medicine	120	whole year	all	20.3
MD5190 Research Project in Medicine	60	whole year	all	20.3
PS5003 Generic Research and Professional Skills in Psychology	30	whole year	all	20.3, 24.3
PS5005 Methods of Data Analysis in Psychology	30	2	all	20.4, 24.3

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Middle Eastern History				
MH5001 Directed Reading in Middle Eastern History	40	either	all	14.10
MH5002 From Muhammad to the Mamluks: themes in the history and culture of the Middle East	40	1	all	14.10
MH5003 Empire, Nationalism and the Birth of the Middle East	40	1	all	14.11
MH5101 Themes in Middle Eastern History and Politics	40	1	all	14.11
MH5110 Introduction to Modern Persian	40	whole year	all	14.11, 16.16
MH5111 Iran and the World since 1921	40	2	all	14.11
MH5112 Mediaeval Iran: from the Sasanids to the Samanids	40	2	all	14.12
Modern History				
MO5001 Approaches and Sources in Early Modern History	40	whole year	11-12	14.12
MO5004 War, State and Society in Early Modern Europe and New Worlds	40	either	11-12	14.12
MO5006 Society and Religious Change in Sixteenth Century France	40	2	all	14.13
MO5007 The European Renaissance	40	either	11-12	14.13
MO5008 The Creation of an Atlantic World	40	either	11-12	14.13
MO5009 Law, Justice and Community: Court Records and British Society, 1400-1800	40	either	11-12	14.14
MO5010 Political Thought and Intellectual History	40	either	11-12	14.14
MO5011 Aspects of Reformation	40	whole year	all	14.14
MO5012 Skills Training	40	whole year	all	14.14
MO5023 Disease and Environment, c 1500 - c.2000	40	1	all	14.15
MO5099 Dissertation for M.Litt. Programme/s	60		all	14.15
MO5113 Books and Their Readers in Early Modern Europe	40	1	all	14.15
MO5308 Approaches to Historical Theory	40	2	all	14.16
MO5402 The Soviet Union, 1917-1991	40	1	all	14.16
MO5503 Central and Eastern Europe since 1945	40	2	all	14.16
MO5601 History in the Making: Theories, Approaches and Practice	40	whole year	all	14.17
MO5602 Directed Reading in Modern History	40	either	all	14.17
MO5603 Themes and Debates on War and Modern History	40	either	all	14.17
MO5604 Key Issues in German Historiography	40	either	all	14.18
MO5605 Themes in American History	40	either	all	14.18
MO5606 Perceptions of Central and Eastern Europe	40	either	all	14.18
MO5607 The 1960s: an International Perspective	40	either	all	14.18
MO5608 Themes and Debates in Modern French History	40	either	all	14.19
MO5609 Directed Reading in Modern History 2	40	2	all	14.19
MO5610 Themes in Russian 19th and 20th Century Intellectual History	40	either	all	14.19
MO5710 Crossing Borders: European History in Transnational Perspectives	40	2	all	14.20
MO5801 Hallmarks of Modern History	40	whole year	all	14.20
MO5935 Charles Darwin and the Politics of Progress in the Natural World	40	whole year	all	14.20
Modern Languages				
ML5001 Theory and Practice of Literary Research 1	20	1	all	21.18
ML5002 Theory and Practice of Literary Research 2	20	2	all	21.18
ML5006 Problems of Cultural Identity (1)	20	1	all	21.18
ML5007 Problems of Cultural Identity (2)	20	2	all	21.18
ML5008 Language and Nation in Europe	20	1 or 2	all	21.19
ML5009 Critical Review and Research Project Evaluation	20	1 & 2	all	21.19

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Modern Languages (continued)				
ML5012 Mediaeval Translation Studies I	20	1	all	21.19
ML5013 Mediaeval Translation Studies II	20	2	all	21.20
ML5018 Romance Linguistics and Philology I	20	1	all	21.20
ML5019 Romance Linguistics and Philology II	20	2	all	21.20
ML5099 Dissertation for M.Litt. programme/s	60		all	21.21
ML5104 10 ECTS Dissertation Report (Mundus)	20	2	all	21.21
ML5105 Europe and America: dialogues, and identity formation in text, film and theory	20	either	all	21.21
ML5199 Mundus 30 ECTS Dissertation	60		all	21.22
ML5201 Film and Issues of European Identity	20	2	all	21.22
ML5202 Film Studies II	20	2	all	21.22
Philosophy				
PY5099 Dissertation for M.Litt. Programme/s	60		all	22.10
PY5101 Current Issues in Philosophy 1	20	1	all	22.10
PY5102 Current Issues in Philosophy 2	20	2	all	22.11
PY5103 Research Methods	20	1	all	22.11
PY5201 Classical Philosophy	20	1	all	22.11
PY5202 Philosophers of the Scottish Enlightenment	20	1	all	22.11
PY5203 Kant	20	1	all	22.12
PY5205 Origins and History of Analytic Philosophy	20	1	all	22.12
PY5302 Advanced Logic B: Classical Metatheory	20	1 or 2	all	22.12
PY5310 Philosophy of Mind	20	2	all	22.12
PY5312 Aesthetics	20	2	all	22.13
PY5315 Legal Philosophy	20	2	all	22.13
PY5318 Political Philosophy	20	2	all	22.13
PY5319 Topics in Recent Moral Theory	20	2	all	22.13
PY5320 Mediaeval Philosophy	20	1	all	22.14
PY5324 Philosophy of Logic	20	2	all	22.14
PY5325 Texts in Contemporary Metaphysics	20	2	n/a 10-11	22.14
PY5402 Advanced Epistemology	20	2	all	22.14
PY5403 Intuitions and Philosophical Methodology	20	2	all	22.15
Physics				
PH5002 Foundations of Quantum Mechanics	15	1	all	23.4
PH5003 Group Theory	15	1	all	23.4
PH5004 Quantum Field Theory	15	2	all	23.4
PH5005 Laser Physics 2	15	1	all	23.5
PH5011 General Relativity	15	1	all	23.5
PH5012 Quantum Optics	15	1	all	23.5
PH5014 The Interacting Electron Problem in Solids	15	1	n/a 10-11	23.6
PH5015 Experimental Quantum Physics at the Limit	15	1	all	23.6
PH5016 Biophotonics	15	1	all	23.6
PH5018 Laser Physics 2 - Extended	20	1	all	23.6
PH5177 Research Project	60	summer	all	23.7
PH5180 Laser Physics	20	1	all	23.7
PH5181 Photonics Laboratory I	15	1	all	23.7
PH5182 Displays and Nonlinear Optics	10	1	all	23.7

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Physics (continued)				
PH5183 Photonics Applications	15	1	all	23.8
PH5184 Photonics Experimental Laboratory 2 (B21HL)	15	2	all	23.8
PH5185 Semiconductor Optoelectronics (B02SO)	15	2	all	23.8
PH5186 Modern Optics (B21FM)	15	2	all	23.9
PH5187 Fibre Optic Communications (B21FC)	15	2	all	23.9
PH5208 Semiconductor Physics and Devices	10	1	all	23.9
PH5209 Polymers and Liquid Crystals for Displays - Distance Learning	5	1	all	23.9
PH5260 Project Preparation	4 ECTS	1	all	23.10
PH5261 Research Project	30 ECTS	2	all	23.10
PH5301 Dissertation for MSc Programme	60	summer	all	23.10
Psychology (see also Continuing Education)				
PS4085 Evolution and Development of Social and Technical Intelligence	15	either	all	24.2
PS4086 Origins and evolution of mind reading (Theory of Mind)	15	either	all	24.2
PS5002 Research Project	60	whole year	all	24.3
PS5003 Generic Research and Professional Skills in Psychology	30	whole year	all	6.3, 24.3
PS5005 Methods of Data Analysis in Psychology	30	2	all	6.3, 24.3
PS5010 Principal Approaches to the Origins of Mind	30	either	all	24.4
PS5011 Empirical Approaches to the Evolution of Communications	15	either	all	24.4
PS5012 Human Perception, Cognition and Attraction	15	either	all	24.4
PS5013 Research Project	60	summer	all	24.5
PS5013 Review	15	either	all	24.5
PS5101 Intellectual Disability Research	10	either	all	24.10
PS5102 Data Collection and Sampling	10	either	all	24.11
PS5103 Quantitative Data Analysis: Fixed Designs	10	either	all	24.11
PS5104 Qualitative Data Analysis: Flexible Designs	10	either	all	24.12
PS5105 Writing a Research Report	10	either	all	24.12
PS5106 Undertaking a Small Scale Study	10	either	all	24.13
PS5199 Dissertation for Adults with learning Disabilities who have Significant and Complex Needs MSc Programme	60	either	all	24.13
PS5231 Conceptual Issues and Theoretical Perspectives	10	either	all	24.17
PS5232 Assessment in Clinical Psychology	10	either	all	24.17
PS5233 Developmental Psychology	10	either	all	24.17
PS5234 Social Psychology	10	either	all	24.17
PS5235 Cognitive & Behavioural Neuroscience	10	either	all	24.18
PS5236 Evolutionary and Comparative Psychology	10	either	all	24.18
PS5237 Perception	10	either	all	24.18
PS5238 Cognition	10	either	all	24.18
PS5240 Review	15	2	all	24.18
PS5401 The Evidence of Abuse of Adults	10	distance	all	24.14
PS5402 The Ecological Model of Adult Protection	10	distance	all	24.14
PS5403 The Individual at Risk and Significant others	10	distance	all	24.15
PS5404 Proactive Service Designs: The Setting and Service Agency	10	distance	all	24.15
PS5405 Regulatory Frameworks and Adult Protection Procedures	10	distance	all	24.16
PS5406 Adult Support, Protection and Safeguarding: Ecological Model Assignment	10	distance	all	24.16

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Russian				
RU5001 Advanced Translation	40	either	all	21.22
RU5003 The Structure and Development of Russian	40	either	all	21.23
RU5006 Slavonic Linguistics and Philology I	20	1	all	21.23
RU5007 Slavonic Linguistics and Philology II	20	2	all	21.23
RU5021 The Nineteenth-Century Russian Short Story	40	either	all	21.23
RU5023 The Russian Novel 1840-1880	40	either	all	21.24
RU5031 Russian Modernist Fiction 1895-1930	40	either	all	21.24
RU5033 Russian Literature 1550-1750	40	either	all	21.24
RU5035 Russian Writers of the 1920s	40	either	all	21.24
RU5037 Russian Acmeism	40	either	all	21.25
RU5039 Russian Fiction 1880-1940	40	either	all	21.25
RU5041 Detailed Study of a Russian Author or Period	40	either	all	21.25
RU5099 Dissertation for M.Litt. programme/s	60		all	21.25
RU5100 Readings in Central and Eastern European Languages	20	either	all	21.26
RU5201 Old Church Slavonic	40	either	all	21.26
RU5301 A Special Subject in Russian Culture	20	either	all	21.26
RU5901 Russian for Postgraduate Studies 1	20	either	all	21.26
RU5902 Russian for Postgraduate Studies 2	20	2	all	21.26
Scottish History				
SC5051 People and Identities in Scotland	40	whole year	all	14.21
SC5052 Directed Reading in Scottish History	40	either	all	14.21
SC5099 Dissertation for M.Litt. Programme/s	60		all	14.21
SC5201 Religion and Identity in Early Modern Britain	40	either	all	14.22
SC5202 Living with the Lion: Themes in the Study of Medieval Scotland	40	either	all	14.22
SC5203 Building Britain: The Construction & Deconstruction of Britishness since 1707	40	either	all	14.22
Social Anthropology				
SA5001 Theory and Method in Social Anthropology	30	whole year	all	22.15
SA5002 Current Issues in Social Anthropology	30	whole year	all	22.15
SA5003 Social Organisation and Culture	30	whole year	all	22.15
SA5010 Research Methods in Social Anthropology	30	1	all	22.16
SA5011 The Anthropology of Connections: Interdisciplinarity as Methodology	30	2	all	22.16
SA5099 Dissertation	60		all	22.16
SA5201 Amerindian Language and Literature	30	whole year	all	22.17
SA5202 Amerindian History and Ethnography	30	whole year	all	22.17
SA5203 Special Subject (Amerindian Studies)	30	whole year	all	22.17
SA5301 Anthropology of the Pacific I	30	1	all	22.17
SA5302 Anthropology of the Pacific II	30	2	all	22.18
SA5401 Anthropology of Africa I	30	1	all	22.18
SA5402 Anthropology of Africa II	30	2	all	22.18
SA5521 Case-studies in Anthropology, Indigenous Peoples and Resource Extraction	30	1	all	22.18

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Social Science (these modules appear within various Schools' pages)				
SS5101 Being a Social Scientist: Skills, Processes and Outcomes	15	1	all	15.3
SS5102 Philosophy and Methodology of the Social Sciences	15	2	all	15.4
SS5103 Qualitative methods in Social Research	15	2	all	15.4
SS5104 Quantitative Research in Social Science	15	1	all	15.4
Spanish				
SP5021 Study of a Golden Age Author	40	whole year	all	21.27
SP5023 Literature of the River Plate	40	either	all	21.27
SP5024 A Special Subject in Latin American Literature	40	either	all	21.27
SP5025 Literature and/or Historiography in Latin America (1492-1700)	40	whole year	all	21.27
SP5029 Ortega and Avant-garde Prose Fiction	40	either	all	21.28
SP5030 Literature of the Spanish Civil War	40	either	all	21.28
SP5032 Independent Mexico, 1821 - 1855	40	whole year	all	21.28
SP5033 A Specialist Subject in Twentieth-Century Spanish Literature	40	1	all	21.28
SP5035 Cultural Identities of Latin America	20	1 or 2	all	21.29
SP5036 A Special Subject in Latin American Literature	20	either	all	21.29
SP5037 A Special Subject in Twentieth-Century Spanish Literature	20	either	all	21.29
SP5038 A Special Subject in Golden Age Spanish Literature	20	either	all	21.30
SP5039 A Special Subject in Spanish Linguistics	20	either	all	21.30
SP5040 Directed Reading in Spanish or Latin American Literature and Culture	40	either	all	21.30
SP5099 Dissertation for M.Litt. programme/s	60		all	21.30
SP5124 Spanish Films	20	either	all	21.31
SP5125 Spanish Film Studies	30	either	all	21.31
SP5126 Spanish Cinema	40	2	all	21.31
SP5146 The Essay on National Identity in Spanish	20	1 or 2	all	21.32
SP5201 Patterns in Hispanic Literature and Film	40	1	all	21.32
SP5901 Spanish for Postgraduate Studies 1	20	either	all	21.32
SP5902 Spanish for Postgraduate Studies 2	20	2	all	21.32
Sustainable Development				
SD5001 Introduction to Sustainable Development Issues	20	1	all	25.1
SD5002 Knowledge and Sustainable Development	30	1	all	25.2
SD5003 Master Class in Sustainable Development	20	2	all	25.2
SD5021 Review of Sustainable Development	20	1	all	25.2
SD5022 Special Topic in Sustainable Development	10	either	all	25.3
SD5099 Dissertation in Sustainable Development	60		all	25.3

