

2012 - 2013

1000 & 2000 Level Course Catalogue

updated.7-9-12.



University of
St Andrews

600
YEARS

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UNIVERSITY OF ST ANDREWS

Semester Dates 2012-2013

Orientation Week:	Week commencing Monday 10 September 2012
Martinmas Semester:	Monday 17 September 2012 – Friday 21 December 2012
Raisin Monday:	Monday 29 October 2012
Graduation:	Friday 30 November 2012 (no teaching all day)
Revision Period:	Commences Monday 3 December 2012
Examinations:	Monday 10 December 2012 – Thursday 20 December 2012
Christmas Vacation:	Monday 24 December 2012 – Sunday 6 January 2013
Inter-Semester:	Monday 7 January 2013 - Sunday 27 January 2013
Candlemas Semester:	Monday 28 January 2013 – Friday 31 May 2013
Spring Vacation:	Monday 18 March 2013 – Sunday 31 March 2013
Revision Period:	Commences Monday 29 April 2013
May Day Holiday:	Monday 6 May 2013 (no teaching all day)
Examinations:	Monday 13 May 2013 – Friday 31 May 2013
Graduation:	Tuesday 25 June 2013 – Friday 28 June 2013
Resits:	Week commencing Monday 19 August 2013

N O T E

The printing of this year's Undergraduate Course Catalogue marks a transition in our modes of production and presentation. Two developments in 2011-12 have led to an initial redesigning of the Course Catalogue in order to meet new demands. The joint Registry/Publications project to express degree programme requirements in terms of Years (rather than Levels) is in its final stage and the results of this work are available here for the first time in printed form. In addition, the requirements of the Key Information Sets (KIS), published for the first time in September 2012, have put a greater emphasis on auditability and visibility of institutional information relating to teaching and learning. Total module hours (whether scheduled, guided or placement) are available under the heading "Learning and Teaching Methods and Delivery". Differences in local practice or terminology in relation to assessment patterns have been clarified by the phrases "As defined by [the Quality Assurance Agency] QAA" and "As used by St Andrews". Work will continue in 2012-13 to improve the efficiency of production and finesse the functionality by design of the Course Catalogue.

The University's Rules and Regulations for matriculated students can be found online at:
www.st-andrews.ac.uk/students/rules

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.

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

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Introduction to the Course Catalogue

The purpose of this Catalogue is to provide students and their Advisers with the information they need in order to make academically informed choices about degree programmes and modules or combination of modules. The **General Guidance** section describes, in more accessible terms, the processes and procedures which are formalised in the Regulations. Particular attention should be given to the information that this section provides about the procedure called **Advising of Studies**.

The main body of the Catalogue is structured in relation to the degree programmes and modules which are offered by eighteen Schools in the University. In addition, there are sections for the B.A. (International Honours) programme in collaboration with the College of William & Mary (section 24), and Interdisciplinary Modules (section 23).

Each School entry contains:

- (i) a list of the degree programmes (Single Honours, Joint Honours, Triple Subject Honours, "With" degrees, Interdisciplinary degrees) offered by the School;
- (ii) the general requirements which lead to those degrees;
- (iii) the modules which may, or must, be taken as part of those degrees including requirements for entry into Honours;
- (iv) details of the 1000-level and 2000-level modules, including their credit values.

Explanation of Fields in Module Entries

Module number and Title. Self explanatory

Academic Year. The academic session (whether current or planned) in which the module will be offered.

SCOTCAT Credits. Credits are the number of points a specific module contributes towards a recognised degree programme and are grouped according to 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, 1000-level modules in the School of Art History are worth 20 credits. One credit represents the outcome achievable by the average student through 10 notional hours of learner effort. In practice, one full-time undergraduate year is considered to be 120 credits worth of learning (or 1,200 notional hours of learning).

Semester. The Semester or Semesters in which the module is taught, where 'either' means that the module is taught in both one or the other semesters, 'both' means being offered twice, and 'whole year' means that it is taught across the two semesters.

Additional Semester Information. Where a module is taught for part of a semester, or during the summer, that information will be included in this field.

Availability Restrictions. If a module is available but with constraints, these particular restrictions will be clarified in this field.

Module Coordinator. The academic member of staff responsible for this module, or the contact point for further information.

Module Lecturer/Tutor. One or more academic members of staff who are planned to deliver the content of the module.

Pre-requisite. Second semester modules and 2000-level or above may have pre-requisites reflecting the assumption that they build upon previous knowledge gained. So, for example, the pre-requisite for entry to 2000-level modules in French is a pass in either or both of the 1000-level modules. In the case of certain modules, largely 1000 level, pre-requisites may be framed in terms of specified passes at Higher or A-level. The Head of the relevant School has the authority to waive a pre-requisite. Where the pre-requisite is not simply a pass in another module but includes a grade (eg, '11 or better') the number refers to the **20-point reporting scale**.

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

Anti-requisite. Students may **not** take a module if they have already passed or are currently taking any module or other qualification specified as an anti-requisite to it.

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Programme(s). This indicates how the module fits into various programmes of study (eg, Mathematics and Psychology).

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

Planned Timetable. Most 1000- and 2000-level modules are taught at a set hour, although additional tutorial times and practical times may need to be arranged. If days of the week are not specified, the class meets every day from Monday to Friday, with the usual exception of Wednesday afternoons.

Weekly Contact. 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 contact is given**. A tutorial is a discussion class of typically ten or fewer students. A seminar is typically a larger group, and may also involve student presentations and contributions as well as discussion.

Contact Hours (Learning and Teaching Methods with contact hours). This gives the breakdown between Scheduled Learning (with an academic member of staff) and Guided Independent Study (which a student undertakes alone but often under direction) as defined by the Quality Assurance Agency (QAA).

Assessment. A brief description of the distribution between coursework and formal examination. A percentage breakdown of which elements of assessment qualify in each Quality Assurance Agency (QAA) defined category are also given. These may match the narrative description, or they may differ slightly because some elements of Coursework (Class Tests for example) are considered Written Examinations in this context.

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.

Advanced Standing Credit. This term is used in relation to entrant students who may be awarded Advanced Standing Credit on the basis of qualifications already earned in order to facilitate accelerated progression in a named degree programme. Advanced Standing Credits may be withdrawn if the student does not progress in the degree programme for which the credits were awarded. See also **RPL - Recognition of Prior Learning**.

Advising of Studies. The process of having a student's choice of modules checked and formally approved.

Certificate of Higher Education. Available to a student who has gained at least 120 credits and wishes to leave the University with a recognised qualification.

Credit Loads. Normally a full-time student will take modules worth 120 credits during each **session**. Full-time students are expected to take at least 80 credits and under no circumstances no more than 160 credits. Part-time students must take at least 20 credits per **semester** and no more than 80 credits each **session**.

Credit Transfer. This refers to the ability of students to transfer credits earned in one institution to another one in order to continue their studies. See also **European Credit Transfer System (ECTS); RPL - Recognition of Prior Learning**.

Diploma of Higher Education. Available to a student who has gained at least 240 credits, including at least 80 credits at 2000 level, and wishes to leave the University with a recognised qualification.

Entrance requirements. For students applying for admission to degree programmes, there are general entrance requirements. For Undergraduates, these are normally based on school-leaving qualifications, and normally require a pass in English. In addition, specific degree programmes may require qualifications in designated subject areas. Admissions Officers in Schools are responsible for making sure that there is evidence that applicants are capable of pursuing their chosen degree programme.

European Credit Transfer System (ECTS). 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 other institutions 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).

Exit Points. All graduating students are admitted initially for either an Honours degree or a General degree. There are however two other **exit points** for students who for whatever reason do not proceed to the Honours or General degree but wish to leave the University with a recognised qualification. They are the **Certificate of Higher**

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Education and the Diploma of Higher Education. A General Degree may also be a valid exit point for students who do not meet the requirements for the award of an Honours Degree.

Faculty. At admission students are admitted into a Faculty. There are four faculties: Arts, Divinity, Medicine and Science. Although Arts and Divinity are treated as a single entity for administrative purposes, Divinity degrees have a discrete set of Regulations and requirements. Several Schools may offer both B.Sc. and M.A. degrees, governed by the relevant Science or Arts degree Regulations.

Failure to Register Policy. This policy relates to students who fail to complete the registration process in any given academic year in which they are actively engaged with their studies, or who fail to obtain permission from the University to interrupt their studies. Failure to register by the published deadlines will result in termination of studies. For details see policy at:

<http://www.st-andrews.ac.uk/students/rules/matriculation/FailuretoRegisterPolicy-UGandPGT/>

General Degree. General requirements are 360 credits over a period of normally three years, and not more than four (or part-time equivalent); 80 credits are required at 2000-level; 60 are required at 3000-level. Refer to the appropriate Faculty Regulations for lists of subjects recognised as qualifying toward a B.Sc., M.Theol. or M.A. degree.

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

Honours Degree. This degree is awarded to a student who over a period of normally four years and no more than five years (or the equivalent period of part-time study) gains at least 480 credits. The course of study for the degree is in two periods: in the first, usually over a period of two but not more than three years (or the equivalent period of part-time study), the student gains 240 credits, including passes in at least 80 credits in 2000-level modules. On the basis of performance in the 2000-level modules, a student will be admitted to the second period of study, consisting of two years in an **Honours Programme**, leading to a Single, Joint, "With", Triple Subject or Interdisciplinary degree. The Honours Programme normally involves the study of modules worth at least 240 credits, of which at least 210 will be in Honours modules (also referred to as 3000-, 4000- or occasionally 5000-level modules), except for the B.A. (International Honours) degree, where special regulations apply.

Some Honours programmes require all 240 credits to be in Honours modules of the subject(s) of the programme, while others require a minimum of 210 credits in Honours modules in the subject(s) of the programme. In the latter case, a student, with the permission of the Head of School, may take 30 credits in 1000- and/or 2000-level modules ('dip down') or 30 credits in an Honours module or module(s) outwith the programme ('dip across'). The M.Chem., M.Math., M.Phys., M.Sci., B.Sc. (with Integrated Year Abroad), M.A. (with Integrated Year Abroad) typically take a total of five years to complete, and along with B.D. degrees (which take three years to complete) are the exceptions to the 240 credit requirement for Honours programmes. The relevant School entry should be consulted for more information.

Honours Programme. The Honours Programme is that part of the degree programme to which the student is admitted after satisfying the 1000- and 2000-level **pre-requisites**. It normally comprises 3000-level modules and above. The duration of the Honours Programme is two years in the case of the B.Sc, M.A. and M.Theol. degrees or three years in the case of B.Sc./M.A. with Integrated Year Abroad, M.Chem., M.Geol., M.Math., M.Phys. and M.Sci.

International Honours programmes are offered in collaboration with the College of William & Mary, Virginia, U.S.A., whereby students divide their sub-honours and Honours programmes between the two institutions. Special regulations apply to these programmes.

Joint degrees. These are degrees where the required credits for the first subject and the required credits for the second subject are typically 50% in each subject (120:120). The proportions can vary so long as the ratio remains lower than 2:1 (eg, credit distributions of 155:85, 140:100, or 120:120 are all valid). Ratios above 2:1 (where no fewer than one-quarter and no more than one-third of the credits are taken in one of the two subject areas) are defined as "With" rather than "Joint" degrees (see below). Degrees where a second subject is studied for less than one-quarter of the total credits are classified as **Single Honours Degrees**.

Leave of Absence, normally for periods of no more than two years, may be granted on medical or personal grounds by the relevant Faculty Dean. Applications to take Leave of Absence should be submitted to the relevant Faculty Pro Dean (Undergraduate). Students should request Leave of Absence from the Pro Dean (Undergraduate) if they are unable to attend University for more than three consecutive weeks.

Levels. The level of academic content and externally assured outcomes of a module. There are five **Levels** of modules: 1000, 2000, 3000, 4000 and 5000. Normally the right of entry to a module is conditional upon a pass in

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one or more modules taken at a lower level of study. Thus, although the teaching, learning and **assessment** for a module may be self-contained, modules do not as a rule stand independent of each other.

Major Element. The first named subject in a **“With” degree programme** (see definition below) is described as a **major** element and is presented using the term ‘with’ between the subjects (eg, the degree MA (Hons) Spanish with Geography requires 180 credits in Spanish at 3000 level and above and 60 credits in Geography so Spanish is the major element in the degree programme).

Minor Element. The second named subject in a **“With” degree programme** (see definition below) is described as a **minor** element and is presented using the term ‘with’ between the subjects (eg, the degree MA (Hons) Spanish with Geography requires 180 credits in Spanish at 3000 level and above and 60 credits in Geography so Geography is the minor element in the degree programme).

Module. Degree programmes are modular in structure. The key elements of a module are **credit**, **level** of study, title, **description** of content, requisites, **assessment** requirements, and **availability** (session and semester). Other elements include contact hours, graduate attributes, learning outcomes, etc. Each module will be a self-contained unit of teaching, learning and assessment. For the majority of modules teaching will take place in an 11-week teaching block, perhaps broken by a vacation, and in most cases will be followed by an examination. Others will be concentrated into a shorter period, and some will be taught over two **semesters**.

Pre-Advising. The process of making a preliminary choice of modules for the following academic session. This process is required but is not complete until formal **Advising** has taken place.

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

Programme Pre-requisites. Sub-honours requirements for entry to designated Honours programmes. May include such things as specific modules to be taken, grades for specific modules, credits from a range of designated modules.

Qualifications. Each type of qualification (eg, B.Sc. or M.A.) is governed by a set of Senate Regulations, and is awarded under a specific Court Resolution. All taught degree programmes require a programme specification published with guidance from the Quality Assurance Agency (QAA) and referencing the Scottish Credit and Qualifications Framework (SCQF).

- The Faculty of Arts may award M.A. General and Honours degrees. There is a B.A. (International Honours) degree awarded jointly with the College of William & Mary, Virginia, USA. There is also a **Licentiate of Integrated European Studies** (see page x.5) which may be taken by European students in the School of Modern Languages.
- The Faculty of Divinity may award General and Honours M.Theol. and B.D. degrees.
- The Faculty of Medicine may award General and Honours B.Sc. Medicine degrees.
- The Faculty of Science may award General and Honours B.Sc. degrees as well as enhanced more intensive M.Chem., M.Eng., M.Geol., M.Math., M.Sci. and M.Phys. degrees.

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 periods called **semesters**. Semester 1 runs from September to December, Semester 2 runs from January to May.

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

Single Honours Degrees. These are degrees where credits for an Honours programme are obtained predominantly in one subject. Flexibility at Honours level, means that one or two modules (less than 60 credits total) may occasionally be taken outwith the named subject area. The second subject in these cases is not named in the Degree and the degrees are still classified as Single Honours Degrees. See also **Joint degrees, Triple Subject Degrees** and **“With” degrees**.

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Sponsio Academica. At matriculation, students agree to an oath shown online as part of online matriculation 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 in print form, with electronic signature of the online matriculation process 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 as defined in the Senate Regulations will have their studies terminated. Individual students have the right to request a review by the relevant Dean and a decision made as to whether they are allowed to continue their studies. Students who are in this situation will be notified and will be given a limited period to inform the Dean of any circumstances that have adversely affected their performance in order that these may be taken into account. Failure to notify the Dean of such circumstances by the published deadline will normally lead to the automatic termination of studies with immediate effect.

Triple Subject Degrees are those in which three subjects (at least two of which are Modern Languages) are studied through to Honours level. The proportion of credits in each subject may vary from one-quarter to one-half of the total Honours credits, depending on the individual programme requirement, but all three subjects are included in the degree title.

"With" degrees. These are degrees where credits for an Honours programme are obtained from two subject areas, and where no fewer than one-quarter and no more than one-third of the credits are taken in one of the two subject areas. Degrees where a second subject is studied for less than one-quarter of the total credits are classified as Single Honours Degrees. See also **Major** and **Minor** elements.

Year. An academic **year** is synonymous with academic **session** (September to September), and comprises two **semesters** and the summer break.

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/assessment/award/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

This is a guide to some aspects of the University you are likely to 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. Schools, Departments and staff in the Registry will be happy to assist you and will endeavour to provide you with all the guidance you need in the course of your academic career. Changes occurring after the publication of this Catalogue will be posted on the Course Catalogue web pages:

www.st-andrews.ac.uk/coursecatalogue

1. Advising of Studies

The Advising process in the University ensures that all students take the correct modules and number of credits that they need in order to graduate in their chosen degree programme. The Advising of students is looked after by Faculty Advisers, who are Academic members of staff from a range of Schools and Departments across the University, and overseen by the Pro Dean (Advising) in each Faculty.

Advising is obligatory for all students and no student can take a module without the approval of the appropriate Faculty Adviser at a meeting in person during Advising in September. All students must have their modules approved ('validated' is the term used) by their Adviser(s) in order to matriculate and so officially become a student of the University for that Academic session. All issues relating to fees, accommodation, medical services, ID cards, etc are dealt with as part of online matriculation and not in Advising, which focuses on academic matters.

There are sub-honours Advisers and Honours Advisers, and their roles differ.

Sub-Honours Advisers:

Sub-Honours Advisers each have a number of students assigned to them, and they are responsible for the Advising of those students into modules. Thus every first and second year student has a personal, named Adviser. Students will normally stay with the same Adviser through the first two years of their university career. The Advisers will see their students at particular points in the academic year and can advise them into first and second level modules in any appropriate subject. The Advisers will check that their students are taking the correct modules for their intended degree, that they are suitably qualified for any other modules they wish to take, and generally ensure that their students' module choices are appropriate and in accordance with University and Faculty regulations. Advisers will check and approve any module changes students wish to make.

In addition to fixed compulsory meetings with their Advisers, students may also contact them at any time in the academic year if they have anything that they wish to discuss. Although the primary function of an Adviser is to deal with a student's academic career, the Adviser is also a student's first point of contact for any related issues, especially in the first year of study. Advisers will also be able to direct students to the various sources of information or support available in the University (e.g. Academic Schools, Student Services, Registry, Accommodation Services, Careers Service, Saltire etc.).

First and second year students must attend an individual appointment with their Adviser at the start of each academic year. The online Advising system is designed to minimise the more bureaucratic aspects of the process so that Advisers will have time to encourage students to think more carefully about their aspirations, needs and degree/career intentions. In addition, Advisers will direct entrant students towards the Personal Development Planning (PDP) tool which will prompt them to think about the relevance and usefulness of particular modules and programmes for their future plans and aspirations and help inform their discussions with their Advisers.

Honours Advisers:

At the end of second year those students who have met the published requirements are admitted to Honours. They now pass from a named Sub-Honours Adviser to the Honours Adviser(s) in their chosen subject(s). Students must meet their Advisers in person in order to complete matriculation.

Honours Advisers are School-based and control access and guide students to the Honours level modules in their particular subject. Unlike Sub-Honours Advisers they cannot advise students into Honours modules in any subject, other than their own. Equally, a student may only be advised into an Honours level module by the Honours Adviser for that subject.

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The primary role of the Honours Advisers is to ensure that each Honours student in their subject registers for an appropriate selection of modules that will enable them to fulfil the requirements of the Honours Degree programme to which they have been admitted. In the case of Joint Degree programmes students will have to consult, and have their module selections validated by, Honours Advisers in each subject area.

As with Sub-Honours Advising, students may contact the Honours Adviser for advice at any time during the academic year.

Advising Calendar:

Pre-advising – choosing modules for the coming academic year

For new students: the online system is open during the summer and enables entrant students to select and enter modules online (a University e-mail address and password are required for this). These choices will be checked, corrected if necessary, and confirmed at **Advising**.

For returning students: pre-advising takes place in Spring for the following academic session. All pre-advising is done online and is provisional. Schools will provide all the necessary information for module selection for students entering Honours.

Advising – first meeting with Advisers and validation of module choices

First and second year students have individual appointments with their Advisers scheduled in the week prior to the start of teaching, as described above.

Honours students must check the arrangements for Advising with the individual Schools' Honours Advisers.

Re-advising – changing module choices

During the first two weeks of teaching in each semester (and from January for semester 2 modules) students may change modules if they wish. All such changes must be made officially through the appropriate Adviser (Sub-Honours or Honours) who will check whether requested changes are permissible and discuss them with students as appropriate.

2. Your Responsibilities

The University considers email as an official form of communication between staff and students. Email facilities are made available to all students. It is your responsibility to check your University email regularly and at least every 48 hours to ensure you receive all notifications sent to you in this way.

It is also your responsibility to ensure that your personal details (home and term addresses and contact numbers etc) held on the University's Student Record are kept up-to-date. This must be up-to-date prior to Advising and can be further amended throughout the year through iSaint, the University's student portal:

<https://isaint.st-andrews.ac.uk/>

You should also check that your module choices are suitable for the academic programme you wish to pursue, and that you are taking enough credits at levels suitable for your intended degree. Advisers do their best at the beginning of each session to guide students into the modules they need to take but students also have responsibility to make sure they are meeting Senate Regulations and Degree Programme Requirements. Following the advising and re-advising processes you are required to confirm your module selections online. It is your responsibility to report any incorrect modules to the Pro Dean (Advising) by the deadline (end week 5 in each semester). Failure to do so may result in clashes in examination timetables or you being registered over/under-credit for the semester.

If you have any questions about your academic programme you should bring them to the attention of your Adviser as soon as possible, bearing in mind that it is not normally possible to alter module choices after the first two weeks of a semester.

3. Withdrawal and Leave of Absence

You may decide that you wish to withdraw from your studies either temporarily or permanently. A temporary withdrawal is known as a Leave of Absence and can be on medical or personal grounds. Leaves of Absence can normally be requested for one or two semesters and only in exceptional circumstances will a Leave of Absence be granted for more than two consecutive years in total. If an undergraduate is absent from a module for three or more weeks consecutively they must either take Leave of Absence or withdraw permanently from their studies.

If you do decide you wish to take a Leave of Absence or withdraw permanently, you must consult the ASC or the Registry where you will be given an appointment with the Pro Dean (Undergraduate) of your Faculty, who will advise you and decide whether to approve your withdrawal. This procedure of formal approval is necessary for the notification of academic Schools, Registry, Student Accommodation Services etc., and also for any Funding Body involved.

Students admitted to an Honours programme who decide not to complete the programme can graduate with a General Degree if they have satisfied the requirements for this degree. If you wish to graduate with a General Degree, you should inform the Registry and the Pro Dean (Advising) in your Faculty in writing or by email from your University account as soon as you reach this decision, and no later than the deadline for applying to graduate if you wish to graduate at the next graduation ceremony. The deadline for applying to graduate can be found on the Graduation web pages and is usually in early May for the June ceremonies and in early November for the November ceremonies.

Students who withdraw and are not eligible for a General Degree may be offered a Certificate or Diploma of Higher Education, depending on the credit they have accumulated at St Andrews.

4. Academic Progress

Students must acquaint themselves with the Senate Regulations on attendance and the compulsory requirements for each module as specified in the relevant School Handbook.

5. Absence from Classes

Attendance is a basic assessment requirement for credit award, and failure to attend classes or meetings with supervisors may result in a fail in that module with no right to re-assessment. Please ensure that you are familiar with the requirements as stated in the School handbooks.

If you have missed timetabled classes/events or any other compulsory elements of the module due to illness or an unavoidable pre-arranged event or appointment, you must complete a Self Certificate of Absence form as soon as possible. This is available at: www.st-andrews.ac.uk/students/rules/selfcertification

Under certain circumstances, Schools may request further documentation in addition to the Self Certificate. In this case, students should contact Student Services in order to organise the appropriate documentation.

If you submit more than three Self Certificates in a single semester, or if the period of absence extends to fifteen working days, you may be contacted by Student Services, the Pro Dean (Undergraduate), or by an appropriate member of staff in your School.

6. Examinations

Absence from Examinations due to illness or any other unavoidable reason should be reported to the University Examinations Office by telephone 01334 46 4100 IMMEDIATELY as soon as you know you will be unable to sit an examination. This should then be followed up by completion of a Self Certification of Absence form from www.st-andrews.ac.uk/students/rules/selfcertification. As soon as you are well enough you should contact your School(s) to make arrangements for an alternative or deferred assessment to be completed at the earliest opportunity.

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. Junior Semester One Abroad (JS1A)

Alternative forms of assessment have been approved to replace the January examination for international students who are enrolled for the first semester only and who do not intend to return to St Andrews after Christmas.

8. Study Abroad

Students who are studying abroad will be advised into an appropriate combination of St Andrews study abroad modules. Temporary module codes (different from the list below) are set up on a subject and semester basis and all students will be advised into them normally by week 2 of the first semester.

The module codes used for reporting purposes are listed below and reflect as well as possible what the student has studied during his/her period of study abroad. Reporting several study abroad results for a single semester in a single 60-credit shell module is not permitted. For example, if four modules are taken during one semester overseas, then 4 x 15 credit St Andrews modules will normally be used to report the module results. In cases where there is no exact match between credit loading overseas and the study abroad modules available in St Andrews, Advisers of Studies will strive to make the best match possible. Where averaging is required, e.g. in the case of a number of overseas modules bearing very small credit loads, the usual procedure of averaging to one decimal point will be followed.

Any subject code may be used with any of the module numbers e.g. FR3971, SP3971 etc. If a module does not appear to be available, Registry will activate the correct code.

The 4000 level code will be used where appropriate, bearing in mind that all students are required to achieve 90 credits of an Honours programme at 4000 level.

The module codes currently available for reporting purposes are:-

	Semester 1		Semester 2	
10 credits	3967, 3969, 3985, 3987, 3995, 3997, 3999	4985, 4987	3966, 3968, 3970, 3986, 3988, 3996, 3998	4986, 4988
12 credits	3919, 3929, 3939, 3949, 3959		3948, 3950, 3952, 3954, 3956	4962
15 credits	3961, 3963, 3977, 3979, 3989, 3993	4977, 4979	3962, 3964, 3978, 3980, 3990, 3994	4978, 4980
20 credits	3981, 3983, 3991	4981, 4983	3982, 3984, 3992	4982, 4984
24 credits			3958, 3960	4964, 4966
30 credits	3973, 3975	4973, 4975	3974, 3976	4974, 4976
45 credits				4990
60 credits	3971		3972	4972

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The Regulations published here are provisional until Monday, 10 September 2012 at which time they will be superseded by those published online at www.st-andrews.ac.uk/students/rules.

1. COURT RESOLUTIONS

The University has the power to confer degrees under the various Court Ordinances and Resolutions detailed below. The full text of each can be found on the University Court website at www.st-andrews.ac.uk/about/UniversityCourt/Ordinancesandresolutions. The Senatus Academicus, with the approval of the University Court, has the power to make regulations on any matters in order to give effect to these instruments.

- Resolution 1994 No.1 - Conferment of Undergraduate Degrees (4 July 1994)
- Resolution 2000 No.4 - Degree of Master in Physics (M.Phys.) (2 March 2001)
- Resolution 2001 No.3- Degrees of Doctor of Engineering (D.Eng.), Master of Engineering (M.Eng.), and Bachelor of Engineering (B.Eng.) (8 March 2002)
- Resolution 2008 No.3 - Degree of Bachelor of Arts (International Honours) (5 December 2008)
- Resolution 2009 No.1 – Degree of Master of Research in Medicine (26 February 2010)

2. SENATE REGULATIONS

DEFINITIONS

“Dean of the Faculty” for	the Dean of the Faculty or other Faculty Officer to whom the Dean may delegate the authority
“Head of School” for	Head of School or the person to whom the authority may be delegated
“TLA Committee” for	Teaching, Learning and Assessment Committee or the standing Committee to which it may delegate the authority
“Requirements for a module” for	attendance at such classes, performance of such work and completion of all the assessment at such a standard as may be specified by the School concerned
“full-time study” for	full-time study or equivalent period of part-time study, where the equivalent period for an honours programme is normally twice the period specified.
“Honours Programme” for	that element of the Degree Programme which comprises 3000 level modules and above.

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I GENERAL REGULATIONS

A. General Entrance Requirements

1. A candidate under 21 years of age offering traditional UK school leaving qualifications will normally be expected to have a minimum of:

three SQA Higher grade passes or

two GCE Advanced level passes or

one GCE Advanced level plus two Advanced Supplementary level passes

together with a pass in SQA Standard Grade English at grade 3 or better, or an equivalent qualification, in order to gain admission to the University.
2. A candidate for admission to a Faculty must have obtained prior to admission qualifications which satisfy the above minimum and the Faculty Entrance Requirements determined by the Teaching, Learning and Assessment Committee and such other requirements as the Senatus Academicus may approve.
3. Any or all of these requirements may be waived by the Director of Admissions in consultation with the Dean of the relevant Faculty either for candidates who are at least 21 years of age on entry or in order to promote wider access.

B. Credit Transfer

4. A student who, before matriculating in a Faculty, has completed a period of study in another University or Institution of Higher or Further Education, or has alternative accredited study, may be deemed by the Dean of that Faculty to have gained up to 120 credits for courses passed in each year of study in that institution up to a maximum of 240 credits. For a student admitted to the part-time evening degree programme a maximum of only 180 credits may be awarded in recognition of prior study.
5. A candidate for an Honours degree, who has obtained appropriate Advanced Level, Advanced Higher or equivalent passes, may be offered entry with advanced standing. Such candidates may be awarded up to 120 credits towards a particular degree programme by the relevant Dean.
6. In the case of students eligible for admission under 4 above, the Head of School in consultation with the Dean of the Faculty shall determine the programme and module prerequisites that are deemed to have been fulfilled by prior study.
7. For students registered on an accredited overseas educational programme, a period of study at a foreign university will form an integral and compulsory part of the degree programme.

C. Students

8. A student may be admitted as a graduating student who intends to complete a programme of studies leading to the award of a degree or as a non-graduating student who does not intend to complete a programme of studies leading to the award of a degree or other qualification.

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9. A student, graduating or non-graduating, may be admitted to full-time study or to part-time study. A full-time student shall at the beginning of each year register normally for modules leading to the award of 120 credits, or 60 per semester. Under no circumstances may a student register for more than 160 credits per session. A part-time student shall at the beginning of each year normally register for modules leading to the award of at least 20 credits per semester and normally no more than 80 credits per session.
10. A non-graduating student may transfer to graduating status with the Dean's permission.
11. No students shall be admitted to any module unless they have had their programmes of studies approved by the Dean of the relevant Faculty and have matriculated in the University. Students may, with the permission of the Dean of the relevant Faculty, amend their programmes of studies, but only up to the end of the second week of each semester. Exceptionally, the Dean of the Faculty, with the approval of the Head of School(s) concerned, may permit later amendments.

D. Modules and Assessments

12. No student may enrol in a module who does not have the prerequisite(s) for that module save with the permission of the Head of the School concerned and of the Dean of the relevant Faculty.
13. Normally, no full-time student may enrol for a 3000 level module with fewer than 200 credits, including at least 40 at 2000 Level. Modules at 4000 and 5000 level may only be taken as part of an approved honours programme.
14. Regular attendance (as set down in School Handbooks) is required from all students who wish to proceed in a module. Students who breach this requirement may be awarded 0X by the Module Board and receive no credits for the module.
15. No student who has been absent from a module for three consecutive weeks shall be permitted to continue in that module, save in exceptional circumstances and with the consent of the Dean of the relevant Faculty.
16. A student who is absent from classes, or withdraws from the University, for a two year period, may be required to reapply for admission and in such circumstances the Dean of the Faculty will determine the amount and nature of the credit to be awarded in respect of any previous study.
17. To gain a pass in a module a student must perform at, or above, the standard specified in the School Handbook for that module. A student who gains a pass in a module shall be awarded the credits for that module.
18. The method of assessment for a module shall be by examination, by assessment of coursework, or by a combination of both, or by a means of a written dissertation.
19. There will be a diet of examinations at the end of each semester and there will be a reassessment diet, or other reassessment opportunity, before the end of the session.
20. Students enrolled in a module proceed to an end-of-semester assessment and (if unsuccessful in the assessment) to reassessment subject to the two following requirements:
 - (a) where the student has fulfilled the terms and conditions of attendance and submission of work required in the School Regulations; and

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(b) where the student has in the end-of-semester examination fulfilled the requirements laid down in the School Handbook.

21. Students who fail reassessment in a module are not eligible for a further reassessment.
22. The Deans, with advice from the Faculty Executive Groups, shall approve the modules which may be offered in the Faculty, and, for each module, shall determine:-
 - (a) the prerequisites;
 - (b) the method of assessment; and
 - (c) the credits to be awarded to a student who passes the assessment.

E. Certificates, Diplomas and Degrees

23. A student must have gained passes in modules taught in the University worth at least 120 credits in order to be eligible for the award of a Certificate or Diploma and at least 180 credits to be eligible for any degree. Exceptions to this requirement may be made at the discretion of the Dean of the relevant Faculty.
24. A graduating student who, over a minimum period of one year of full-time study, has gained passes in modules taught in the University worth 120 credits shall be eligible for the award of a Certificate of Higher Education.
25. A student who, over a minimum period of two years of full-time study, has gained 240 credits in modules taught in the University, of which at least 80 are in 2000 level modules, shall be eligible for the award of a Diploma of Higher Education.
26. A student who, over a minimum period of three years of full-time study has gained 360 credits, of which at least, 80 are in 2000 level modules and at least a further 60 are in 3000 level modules and who has fulfilled such other requirements prescribed in the Regulations for the M.A., M.Theol., B.Sc., or B.Eng., shall be eligible for the award of a General Degree.
27. The General Degree may be awarded with Distinction to a candidate who fulfils the conditions for the award of the degree and who either gains passes at grade 16.5 or above in modules totalling at least 120 credits; or gains passes at grade 13.5 or above in modules totalling at least 180 credits, of which modules worth at least 20 credits out of the 180 must be passed at grade 16.5 or above, and at least 40 credits of the 180 must be in 2000 and 3000 level modules. Each individual module counting towards the Distinction must be passed at the indicated level: use of Grade Point Average across 120 or 180 credits is not acceptable.
28. A student who, over a minimum period of four years of full-time study, has gained 480 credits, of which at least 240 credits were gained during an approved Honours programme involving Honours modules worth at least 210 credits and including at least 90 credits in 4000 level modules, and has satisfied the appropriate Board(s) of Examiners, shall be eligible for the award of B.Sc./M.A./ B.Eng. or M.Theol. degree with Honours in the subject(s) of that Honours programme. In the case of the B.Sc Chemical Sciences programme the minimum number of Honours credits is 200 of which at least 90 credits are in 4000 level modules.

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29. A student who over a minimum period of five years of full-time study, or four where Advanced Standing has been awarded, has gained 600 credits of which at least 120 are at 5000 level within an approved Integrated Masters programme, and involving Honours modules, at 3000 level and above, worth at least 330 credits, and who has satisfied the appropriate Board(s) of Examiner(s), shall be eligible for the award of a Masters degree with Honours in the subject(s) of that programme.
30. There will be Integrated Masters programmes in Chemistry (Master in Chemistry), Engineering (Master in Engineering), Mathematics (Master in Mathematics), Physics (Master in Physics) and Science (Master in Science).
31. In order to be eligible for the award of an Honours degree with Integrated Year Abroad a student must, over a minimum period of five years of full-time study, gain 540 credits and satisfy the appropriate Board(s) of Examiners. These credits must include at least 300 obtained during an approved three year programme, involving Honours modules worth at least 210 credits including at least 90 at 4000 level, and additionally 60 credits gained during an Integrated Year Abroad.
32. There shall be five types of Honours Degrees: Single Honours; Joint Honours; "With" Degrees (Honours); Triple Subject Honours Degrees involving Modern Languages; and International Honours.
 - (a) Single Honours degrees shall be degrees where the number of required credits in a single subject area exceeds three-quarters of the total credits for the Honours programme. Any other subjects taken as part of the Honours programme shall not be named.
 - (b) Joint Honours degrees shall be degrees where more than one-third of the credits of the Honours programme are taken in each of two subject areas. In these cases both subjects will be named.
 - (c) "With" Degrees (Honours) shall be degrees where credits for an Honours programme are obtained from two subject areas, and where no fewer than one-quarter and no more than one-third of the credits are taken in one of the two subject areas. These degrees are also known as Major/Minor degrees.
 - (d) Triple Subject Honours degrees involving three modern languages or two modern languages and one other subject shall be degrees where credits for an Honours programme are obtained from three subject areas, at least two of which are modern languages, and where no more than one-half and no fewer than one-quarter of the credits are taken in each of the three subjects.
 - (e) International Honours degrees shall be degrees where the number of required credits in a single (or core) subject area equals three-quarters of the total credits for the Honours programme. Any other subjects taken as part of the Honours programme shall not be named.
33. There shall be three classes of Honours determined by performance in the Honours Programme: First Class, Second Class, which shall be divided into II(1) and II(2), and Third Class, except that Third Class Honours shall not be awarded in an International Honours programme. Boards of Examiners involving one or more Modern Languages shall be empowered to award a distinction in the spoken language(s).

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34. Only grades from 3000-level, 4000-level and 5000-level (where applicable) modules, taken during an approved Honours programme, will be used to calculate the Honours degree classification. Any grades obtained in such modules prior to admission to an Honours programme will not be used. Exceptions to this requirement may be made at the discretion of the relevant Dean.
35. Grades achieved during study abroad will be entered into the Honours degree calculation, but this will not occur for any ungraded credits from study abroad or credits not formally approved as part of an Honours programme.
36. A student who fails the assessment of an Honours module may be reassessed by such means as the Board of Examiners may decide is appropriate. Honours classification shall be based on the grades achieved in the assessment for each module. Honours grades passed at reassessment will be capped at grade 7.0 and will be entered into the Honours degree calculation as a grade of 7.0. For Honours modules failed at reassessment (and no credit gained) the original failed grade will be included in the calculation of the Honours degree classification.
37. For a student who fails an Honours module at both first sitting and reassessment but then subsequently re-takes and passes the module, both the original and subsequent grades will be entered into the calculation of the Honours degree classification.
38. A student who is awarded a 0X by the Module Board in an Honours level module will have a grade of 0 entered into the calculation for the Honours degree classification even though no credits are obtained for the module.
39. A student who, owing to medically certified illness or other serious cause, cannot complete the assessment for a module may be assessed by such means as the Board of Examiners shall determine.
40. The Deans, with advice from the relevant Faculty Executive Groups, shall approve, for each Honours programme:-
 - (a) any prerequisites for admission to the programme in addition to those general prerequisites stated in the Regulations;
 - (b) the modules, both obligatory and optional, that are available within that programme;
 - (c) amendments to the programme for students who spend part of the study period following an approved course of studies in another institution.
41. No student may enter an Honours programme who does not have the prerequisites for that programme, save with permission of the Head(s) of School(s) concerned; the prescribed grades for those prerequisites at 2000 level may not normally be gained through re-assessment.

F. Termination of Studies

42. I. In order to continue to a further semester a full-time matriculated student must have passed a module or modules worth at least 20 credits in the current semester of study and:-
 - (a) must have gained 80 credits after two semesters of study as a matriculated student;
 - (b) must have gained 160 credits after four semesters of study as a matriculated student;
 - (c) must have gained 240 credits after six semesters of study as a matriculated student;

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- (d) must fulfil the requirements for the degree for which they are registered within two semesters of study as a matriculated student of the minimum period specified for that degree;
 - (e) having been admitted to an Honours degree programme, must have completed the requirements for that programme within the period of study which has been specified for that programme.
- II. A part-time matriculated student must have passed a module or modules worth at least 15 credits in the current semester of study and:-
- (a) must have gained 30 credits after two semesters of study as a matriculated student;
 - (b) must have gained 90 credits after six semesters of study as a matriculated student;
 - (c) must have gained 160 credits after ten semesters of study as a matriculated student;
 - (d) complete the requirements for the General degree after eighteen semesters of study as a matriculated student.
 - (e) having been admitted to an Honours degree programme, must have completed the requirements for that programme normally within twice the period of study which has been specified for that programme.

43. Students who fail to meet the requirements in 42 shall have their studies terminated and shall cease attending modules.

44. Students whose studies have been terminated have the right to request permission to continue their studies in the following semester. They may apply to the relevant Dean who shall determine either that the students' studies be terminated or the conditions under which students may be permitted to continue their studies.

G. Academic Misconduct

45. 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.

H. Teaching

46. There will be no compulsory undergraduate teaching and/or curricular activity after 1pm on Wednesday afternoons during Michaelmas and Candlemas semesters. Any request to allow an exception to this regulation must first be made in writing by the Head of School to the Vice-Principal (Proctor), with appropriate documentary evidence.

I. Special Programmes

47. Gateway to Physics and Engineering. Students admitted to this programme are on entry required to enrol on a number of requisite 1000 level modules. After the first year there are two available progression routes; one into Physics at St Andrews and the other into Engineering or Physics at Heriot-Watt University. To progress into second year at St Andrews, students who enter via the Gateway programme must gain credit in all requisite 1000 level modules for this programme, and obtain a credit-weighted mean from these modules of at least grade 11. To progress into second year at Heriot-Watt, students must gain credit in all the requisite modules.

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II ARTS REGULATIONS

A. Faculty Entrance Requirements

1. In addition to the General Entrance Requirements, prior to admission to study in the Faculty, a student must have gained a pass at SQA Standard Grade, at grade 3 or above, or its equivalent, in Mathematics. It is also desirable that students have gained a pass at SQA Standard Grade, at grade 3 or above in a language other than English (with the exception of Modern Languages students who will have higher entry requirements).

The Dean may grant exemptions from these conditions.

B. Subjects

2. Modules in the following subjects shall be recognised as qualifying for the award of any M.A. degree:-
 - (i) Ancient History, Mediaeval History, Modern History, Scottish History;
 - (ii) Art History, Classical Studies, Music, Film Studies;
 - (iii) Arabic, English, French, German, Italian, Russian, Spanish, English as a Foreign Language;
 - (iv) Economics, Geography, Management, International Relations, Psychology, Social Anthropology; Sustainable Development;
 - (v) Greek, Hebrew, Latin;
 - (vi) Information Technology, Mathematics, Statistics;
 - (vii) Divinity, Linguistics, Philosophy;

any subject qualifying for a degree in another Faculty.

C. General Degree

3. The degree of M.A. (General) may be awarded to a student who has gained not less than 360 credits, of which:-
 - (a) at least 240 have been gained in subjects listed in Arts Regulation 2 (i) - (vii);
 - (b) at least 40 credits have been gained in subjects in each of at least three of the groups listed in Arts Regulation 2;
 - (c) at least 80 credits have been gained in 2000 level modules.
 - (d) at least 60 credits have been gained in 3000 level modules.

D. Honours

4. A student who has gained at least 240 credits, of which:-
 - (a) at least 160 credits have been gained in modules identified by Arts Regulation 2 (i) - (vii) above;
 - (b) at least 80 credits have been gained at 2000 levelmay be admitted to an Honours Degree programme.

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A student having satisfied (a) and (b) but gained less than 240 credits may be permitted, with the permission of the Head(s) of School concerned, to enter an Honours programme and to attend additional 1000 or 2000 level modules worth up to 40 credits in the first year of the Honours programme. No student may be permitted to proceed to the final year of the Honours programme who has gained fewer than 240 credits in 1000 and 2000 level modules in accordance with (a) and (b).

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III DIVINITY REGULATIONS

A. Subjects

1. The following subjects shall be recognised as qualifying for the award of any M.Theol. and B.D. degree:-
 - (i) Divinity
 - (ii) any subject qualifying for a degree in another Faculty.

B. General Degree (M.Theol.)

2. The degree of MTheol (General) may be awarded to a student who has gained not less than 360 credits, of which:-
 - (a) at least 240 credits have been gained from 1000 and 2000 level modules, including modules specified as part of the approved 1000 and 2000 level module requirements;
 - (b) at least 80 credits have been gained in 2000 level modules;
 - (c) at least 60 credits have been gained from 3000 level modules in Divinity.

C. Honours Degree (M.Theol.)

3. A student who has gained at least 240 credits:-
 - (a) of which at least 80 credits have been gained at 2000 level;
 - (b) including those modules specified as part of the approved 1000 and 2000 level module requirements

may be admitted to an Honours Degree programme.

A student having satisfied (a) and (b) but gained less than 240 credits may be permitted, with the permission of the Head(s) of School concerned, to enter an Honours programme and to attend additional 1000 or 2000 level modules worth up to 40 credits in the first year of the Honours programme. No student may be permitted to proceed to the final year of the Honours programme who has gained fewer than 240 credits in 1000 and 2000 level modules.

4. The degree of MTheol (Honours) may be awarded to a student who has gained not less than 480 credits, of which:-
 - (a) at least 240 credits have been gained from 1000 and 2000 level modules, including modules specified as part of the approved 1000 and 2000 level module requirements;
 - (b) at least 80 credits have been gained in 2000 level modules;
 - (c) at least 60 credits have been gained from 3000 level modules in Divinity as part of an approved Honours programme;
 - (d) at least 120 credits have been gained from 4000 level modules in Divinity as part of an approved Honours programme;
 - (e) a total of 240 credits have been gained from 3000 and 4000 level modules.

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D. Honours Degree (B.D.)

5. A student who has gained at least 240 credits, including those modules specified as part of the approved 1000 and 2000 level module requirements and including at least 80 credits in 2000 level modules, may be admitted to an Honours Degree programme.
6. General Regulation 26 notwithstanding, the degree of B.D. (Honours) may be awarded to a student holding a degree from a British university or an equivalent qualification who over a minimum period of three years has gained not less than 390 credits, of which:-
 - (a) at least 240 credits have been gained from 1000 and 2000 level modules specified as part of the approved module requirements;
 - (b) at least 80 credits have been gained in 2000 level modules;
 - (c) at least 30 credits have been gained from 3000 level modules in Divinity as part of an approved Honours programme;
 - (d) at least 90 credits have been gained from 4000 level modules in Divinity as part of an approved Honours programme;
 - (e) a total of 150 credits have been gained from 3000 and 4000 level modules.

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IV SCIENCE REGULATIONS

A. Faculty Entrance Requirement

1. In addition to the General Entrance Requirements, prior to admission to study in the Faculty, a student must have gained SQA Standard Grade (1 or 2), or GCSE (A or B) or equivalent in English and Mathematics along with at least two Highers (H) OR at least one GCE A level, or equivalent in the following subjects: Biology, Chemistry, Computing Science, Geography (or Geology), Mathematics, Physics, Psychology.

International Baccalaureate: At least Standard 1B Level in: Mathematics and English. A Higher IB Level pass is required in at least two of the following subjects: Biology, Chemistry, Computer Science, Geography (or Geology), Mathematics, Physics, Psychology.

The Dean may grant exemption from these conditions.

B. Subjects

2. The following modules shall be recognised as contributing to the award of any B.Sc. (except Medical), M.Sci., M.Chem., M.Math., M.Phys., B.Eng. or M.Eng. degree:-

All modules from the Schools of

- (i) Biology; Chemistry; Computer Science; Geography & Geoscience with prefix GG or GS; Mathematics & Statistics; Physics & Astronomy; Psychology;
- (ii) Economics & Finance; Geography & Geoscience with prefix GE; Interdisciplinary Modules with prefix ID; Philosophy & Anthropological Studies within the programmes for Logic and Philosophy of Science; and Management modules with prefix MN; Sustainable Development modules with prefix SD;
- (iii) Modern Languages as specified in the requirements of a recognised 'With Language' or 'With Linguistics' B.Sc. degree;
- (iv) any other module specified in the requirements of a recognised Honours degree programme (3000, 4000 and 5000 level) in the Faculty;
- (v) any other module qualifying for a degree in another Faculty.

C. General Degree

3. The degree of B.Sc. (General) in Pure Science may be awarded to a student who has gained not less than 360 credits, of which:-
 - (a) at least 240 have been gained in modules identified by Science Regulation 2 (i) - (iii), of which at least 180 have been gained in Science Regulation 2(i)-(ii);
 - (b) at least 40 credits have been gained in modules identified by Science Regulation 2 (i);
 - (c) at least 80 credits have been gained in 2000 level modules;
 - (d) at least 60 in 3000 level modules.

Undergraduate Resolutions and Regulations: Session 2011-12

D. Honours

4. A student who has gained at least 240 credits, of which:-
 - (a) at least 80 credits have been gained at 2000 level;
 - (b) at least 40 have been gained in modules identified by Science Regulation 2 (i);
 - (c) at least 160 have been gained in modules identified by Science Regulation 2 (i) - (iii)

may be admitted to an Honours B.Sc. Degree programme.

A student having satisfied (a) and (b) but gained less than 240 credits may be permitted, with the permission of the Head(s) of School concerned, to enter an Honours programme and to attend additional 1000 or 2000 level modules worth up to 40 credits. No student may be permitted to proceed to the final year of the Honours programme who has gained fewer than 240 credits in 1000 and 2000 level modules in accordance with (a), (b) and (c).

5. Admission to the final two semesters of an Honours programme shall be at the discretion of the Board of Examiners.
6. The subjects recognised for the Honours Degree programmes are listed in Appendix Degree List.

E. Master in Science Master in Chemistry, Master in Engineering, Master in Mathematics and Master in Physics

7. A student who has gained at least 240 credits, of which:-
 - (a) at least 80 credits have been gained at 2000 level;
 - (b) at least 200 have been gained in subjects listed in Science Regulation 2 (i) - (iii) above;
 - (c) at least 40 have been gained in subjects listed in Science Regulation 2 (i) above may be admitted to an M.Sci. or M.Chem or M.Phys. or M.Math. or M.Eng. degree programme.
8. A candidate for the M.Sci., M.Chem., M.Math., M.Phys. or M.Eng. degree who in the opinion of the examiners fails to reach a sufficient level of attainment in the assessment for the modules taken in any year may be required to transfer to the corresponding Honours B.Sc. or B.Eng. programme.
9. The subjects recognised for the M.Sci. and M.Chem. and M.Phys. and M.Math. and M.Eng. degree programmes are listed in Appendix Degree List.
10. A candidate for the M.Sci. ,M.Chem. M.Math., M.Phys or M.Eng. degree may transfer to the corresponding Honours B.Sc or B.Eng. programme with the permission of the Dean.

Undergraduate Resolutions and Regulations: Session 2011-12

V. MEDICAL REGULATIONS

A. Faculty Entrance Requirements

1. In addition to the General Entrance Requirements, candidates for admission should satisfy one of the following:
 - (a) Scottish Qualifications Authority (SQA) Higher examinations. At least AAABB including Chemistry and at least one of Biology, Mathematics or Physics. If Biology or Mathematics has not been passed at Higher grade, each must normally have been passed at Standard grade Credit Level (grade 1 or 2) or Intermediate 2 (grade A or B). A pass must also be offered in Standard grade English at Credit Level (grade 1 or 2) or Intermediate 2 (grade A or B).
 - (b) General Certificate of Education (GCE) examinations. AAB at Advanced (A2) level, including Chemistry and at least one other science. If Biology or Mathematics is not offered at Advanced (A2) or AS Level, each must normally have been passed at GCSE grade B or better. A pass must also be offered in GCSE English at grade B or better.
 - (c) Passes in other examinations at such levels and in such subjects as the Dean may accept as an equivalent qualification to those mentioned in (a) or (b).

B. Honours

2. A student who has gained 240 credits, of which at least 120 credits have been gained at 2000 level in approved modules in Medicine and 120 credits of advanced standing or 120 credits in such subjects as the Dean may accept as an equivalent qualification, may be admitted to the Honours B.Sc. Degree programme in Medicine.

C. Honours Degree

3. To qualify for the Honours degree, candidates must satisfy the following requirements:–
 - (a) They must be admitted to the Faculty of Medicine.
 - (b) They must, during not less than three years and not more than four years following the date of first matriculation attend the modules and pass or be exempted from the corresponding module examinations, for the approved Programme in Medicine.

D. General Degree

4. The degree of B.Sc. (General) in Medicine may be awarded to a student who has gained not less than 360 credits, of which:–
 - (a) at least 240 must have been gained in approved modules in Medicine and;
 - (b) no less than 80 may have been modules from the Schools of Biology, Chemistry or Psychology;
 - (c) up to 40 credits may have been gained from modules at 1000 or 2000 level in the Faculties of Arts or Divinity;
 - (d) at least 80 credits must have been gained in 2000 level modules;
 - (e) at least 60 credits must have been gained in 3000 level modules.

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E. Termination of Studies

5. The following regulations concerning Termination of Studies for Medical students shall apply:-

Every student:-

- (a) must have gained 60 credits at 2000 level in approved modules in Medicine after two semesters of study at that level.
- (b) must have gained 120 credits at 2000 level in approved modules in Medicine after four semesters of study.
- (c) must have gained 120 credits at 3000 level in approved modules in Medicine after six semesters of study.
- (d) Every student must complete all modules for the Honours degree in Medicine within four years.

Students who fail to meet the above requirements shall have their studies terminated and shall cease attending modules.

Students whose studies have been terminated have the right to request permission to continue their studies in the following semester. They may apply to the Dean who shall determine either that the students' studies be terminated or the conditions under which students may be permitted to continue their studies.

Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Ancient History	MA Hons		Title	Classics	
Ancient History and Archaeology	MA Hons		Title	Classics	
Ancient History and Art History	MA Hons		Title	Classics	Art History
Ancient History and Biblical Studies	MA Hons		Title	Classics	Divinity
Ancient History and Comparative Literature	MA Hons		Title	Classics	Modern Languages
Ancient History and Economics	MA Hons		Title	Classics	Econ & Finance
Ancient History and Film Studies	MA Hons		Title	Classics	Phil, Anth & Film
Ancient History and French ^M	MA Hons	WIYA	Title	Classics	Modern Languages
Ancient History and German ^M	MA Hons	WIYA	Title	Classics	Modern Languages
Ancient History and Greek	MA Hons		Title	Classics	Classics
Ancient History and Italian ^M	MA Hons	WIYA	Title	Classics	Modern Languages
Ancient History and Latin	MA Hons		Title	Classics	Classics
Ancient History and Mathematics	MA Hons		Title	Classics	Maths & Statistics
<i>Ancient History and Modern Languages (two languages) - see Modern Languages</i>					
Ancient History and Philosophy	MA Hons		Title	Classics	Phil, Anth & Film
Ancient History and Social Anthropology	MA Hons		Title	Classics	Phil, Anth & Film
Ancient History and Spanish ^M	MA Hons	WIYA	Title	Classics	Modern Languages
Applied Economics	MA Hons		Title	Econ & Finance	
Applied Economics	BSc Hons		Title	Econ & Finance	
Applied Mathematics	MMath Hons		Title	Maths & Statistics	
Arabic and Comparative Literature and French	MA Hons	WIYA	Title	Modern Languages	
Arabic and Comparative Literature and German	MA Hons	WIYA	Title	Modern Languages	
Arabic and Comparative Literature and Italian	MA Hons	WIYA	Title	Modern Languages	
Arabic and Comparative Literature and Russian	MA Hons	WIYA	Title	Modern Languages	
Arabic and Comparative Literature and Spanish	MA Hons	WIYA	Title	Modern Languages	
Arabic and French	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>Arabic and French - and a third subject (Ancient History, Classical Studies, English, International Relations, Latin, Management) – see under Modern Languages</i>					
Arabic and French (WIYA)	MA Hons				
		WIYA	Title	Modern Languages	Modern Languages
Arabic and French and German	MA Hons	WIYA	Title	Modern Languages	
Arabic and French and Italian	MA Hons	WIYA	Title	Modern Languages	
Arabic and French and Russian	MA Hons	WIYA	Title	Modern Languages	
Arabic and French and Spanish	MA Hons	WIYA	Title	Modern Languages	

Also WIYA - means the degree is available with or without an Integrated Year Abroad

Title - means this is the official title which will be on all University records and documents. If the field is blank, the name is descriptive only and will not appear as the title of a degree on transcripts, diplomas etc.

^E – Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead.

^T – Timetable clash exists and this combination is subject to the agreement of the Chair of the Department or Head of School concerned.

^G – This combination is only available to non-beginners in German due to a timetable clash.

^M – This combination is also available including a second language, see under Modern Languages.

^X – Due to a timetable clash, students taking this degree will take Ancient History, Latin or Greek modules in their first year and Classical Studies in their second. Contact the School of Classics for further information.

Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Arabic and German	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>Arabic and German - and a third subject (Ancient History, English, International Relations, Latin, Management) – see under Modern Languages</i>					
Arabic and German and Italian	MA Hons	WIYA	Title	Modern Languages	
Arabic and German and Russian	MA Hons	WIYA	Title	Modern Languages	
Arabic and German and Spanish	MA Hons	WIYA	Title	Modern Languages	
Arabic and Italian and Russian	MA Hons	WIYA	Title	Modern Languages	
Arabic and Italian and Spanish	MA Hons	WIYA	Title	Modern Languages	
Arabic and Russian and Spanish	MA Hons	WIYA	Title	Modern Languages	
Arabic and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
Art History	MA Hons		Title	Art History	
<i>Art History and Ancient History</i>	<i>MA Hons</i>			<i>Art History</i>	<i>Classics</i>
Art History and Biblical Studies	MA Hons		Title	Art History	Divinity
Art History and Classical Studies	MA Hons		Title	Art History	Classics
Art History and Comparative Literature	MA Hons		Title	Art History	Modern Languages
Art History and English	MA Hons		Title	Art History	English
Art History and Film Studies	MA Hons		Title	Art History	Phil, Anth & Film
Art History and French	MA Hons	WIYA	Title	Art History	Modern Languages
Art History and Geography	MA Hons		Title	Art History	Geog & Geosciences
Art History and German	MA Hons	WIYA	Title	Art History	Modern Languages
Art History and Greek	MA Hons		Title	Art History	Classics
Art History and Hebrew	MA Hons		Title	Art History	Divinity
Art History and International Relations	MA Hons		Title	Art History	Int Relations
Art History and Italian	MA Hons	WIYA	Title	Art History	Modern Languages
Art History and Management	MA Hons		Title	Art History	Management
Art History and Mathematics	MA Hons		Title	Art History	Maths & Statistics
Art History and Mediaeval History	MA Hons		Title	Art History	History
Art History and Middle East Studies	MA Hons		Title	Art History	History
Art History and Modern History	MA Hons		Title	Art History	History
Art History and Philosophy	MA Hons		Title	Art History	Phil, Anth & Film
Art History and Psychology	MA Hons		Title	Art History	Psych & Neuroscience
Art History and Russian	MA Hons	WIYA	Title	Art History	Modern Languages
Art History and Social Anthropology	MA Hons		Title	Art History	Phil, Anth & Film
Art History and Spanish	MA Hons	WIYA	Title	Art History	Modern Languages
<i>Arts (General Degree)</i>	<i>MA</i>			<i>Faculty of Arts</i>	
Astrophysics	BSc Hons		Title	Physics & Astronomy	
Astrophysics	MPhys Hons		Title	Physics & Astronomy	
Bachelor of Divinity	BD Hons		Title	Divinity	
Behavioural Biology	BSc Hons		Title	Biology	

Also WIYA - means the degree is available with or without an Integrated Year Abroad

Title - means this is the official title which will be on all University records and documents. If the field is blank, the name is descriptive only and will not appear as the title of a degree on transcripts, diplomas etc.

^E – Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead.

^T – Timetable clash exists and this combination is subject to the agreement of the Chair of the Department or Head of School concerned.

^G – This combination is only available to non-beginners in German due to a timetable clash.

^M – This combination is also available including a second language, see under Modern Languages.

^X – Due to a timetable clash, students taking this degree will take Ancient History, Latin or Greek modules in their first year and Classical Studies in their second. Contact the School of Classics for further information.

Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Biblical Studies	MA Hons		Title	Divinity	
<i>Biblical Studies and Ancient History</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>Classics</i>
<i>Biblical Studies and Art History</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>History</i>
Biblical Studies and Classical Studies ^X	MA Hons		Title	Divinity	Classics
Biblical Studies and Comparative Literature	MA Hons		Title	Divinity	Modern Languages
Biblical Studies and Economics	MA Hons		Title	Divinity	Econ & Finance
Biblical Studies and English	MA Hons		Title	Divinity	English
Biblical Studies and Film Studies	MA Hons		Title	Divinity	Phil, Anth & Film
Biblical Studies and French	MA Hons	WIYA	Title	Divinity	Modern Languages
Biblical Studies and German ^T	MA Hons	WIYA	Title	Divinity	Modern Languages
Biblical Studies and Greek	MA Hons		Title	Divinity	Classics
Biblical Studies and Hebrew	MA Hons		Title	Divinity	Divinity
Biblical Studies and International Relations	MA Hons		Title	Divinity	Int Relations
Biblical Studies and Mathematics	MA Hons		Title	Divinity	Maths & Statistics
Biblical Studies and Mediaeval History	MA Hons		Title	Divinity	History
Biblical Studies and Philosophy	MA Hons		Title	Divinity	Phil, Anth & Film
Biochemistry	BSc Hons		Title	Chemistry	
Biology	BSc Hons		Title	Biology	
Biology and Economics	BSc Hons		Title	Biology	Econ & Finance
Biology and Geology	BSc Hons		Title	Biology	Geog & Geosciences
Biology and Logic and Philosophy of Science	BSc Hons		Title	Biology	Phil, Anth & Film
Biology and Mathematics	BSc Hons		Title	Biology	Maths & Statistics
Biology and Psychology	BSc Hons		Title	Biology	Psych & Neuroscience
Biology and Statistics	BSc Hons		Title	Biology	Maths & Statistics
Biology with Arabic	BSc Hons		Title	Biology	Modern Languages
Biology with French	BSc Hons	WIYA	Title	Biology	Modern Languages
Biomolecular Science	BSc Hons		Title	Biology	
BSc General	BSc Gen			Faculty of Science	
Cell Biology	BSc Hons		Title	Biology	
Chemical Sciences	BSc Hons		Title	Chemistry	
Chemistry	BSc Hons		Title	Chemistry	
Chemistry	MChem Hons		Title	Chemistry	
Chemistry and Geology	BSc Hons		Title	Chemistry	Geog & Geosciences
Chemistry and Mathematics	BSc Hons		Title	Chemistry	Maths & Statistics
Chemistry and Physics	MSci		Title	Chemistry	Physics & Astronomy
Chemistry with External Placement	MChem Hons		Title	Chemistry	
Chemistry with French	BSc Hons	WIYA	Title	Chemistry	Modern Languages

Also WIYA - means the degree is available with or without an Integrated Year Abroad

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^E – Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead.

^T – Timetable clash exists and this combination is subject to the agreement of the Chair of the Department or Head of School concerned.

^G – This combination is only available to non-beginners in German due to a timetable clash.

^M – This combination is also available including a second language, see under Modern Languages.

^X – Due to a timetable clash, students taking this degree will take Ancient History, Latin or Greek modules in their first year and Classical Studies in their second. Contact the School of Classics for further information.

Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Chemistry with French	MChem Hons		Title	Chemistry	Modern Languages
Chemistry with French and External Placement	MChem Hons		Title	Chemistry	Modern Languages
Chemistry with Mathematics	MChem Hons		Title	Chemistry	Maths & Statistics
Chemistry with Medicinal Chemistry	BSc Hons		Title	Chemistry	
Chemistry with Medicinal Chemistry	MChem Hons		Title	Chemistry	
Chemistry with Medicinal Chemistry with External Placement	MChem Hons		Title	Chemistry	
Classical Studies	MA Hons		Title	Classics	
<i>Classical Studies and Art History</i>	<i>MA Hons</i>			<i>Classics</i>	<i>Art History</i>
<i>Classical Studies and Biblical Studies^X</i>	<i>MA Hons</i>			<i>Classics</i>	<i>Divinity</i>
<i>Classical Studies and Comparative Literature</i>	<i>MA Hons</i>			<i>Classics</i>	<i>Modern Languages</i>
Classical Studies and English	MA Hons		Title	Classics	English
Classical Studies and Film Studies	MA Hons		Title	Classics	Phil, Anth & Film
Classical Studies and French^M	MA Hons	WIYA	Title	Classics	Modern Languages
Classical Studies and Geography	MA Hons		Title	Classics	Geog & Geosciences
Classical Studies and Greek	MA Hons		Title	Classics	Classics
Classical Studies and International Relations	MA Hons		Title	Classics	Int Relations
Classical Studies and Italian^M	MA Hons	WIYA	Title	Classics	Modern Languages
Classical Studies and Latin	MA Hons		Title	Classics	Classics
Classical Studies and Mathematics	MA Hons		Title	Classics	Maths & Statistics
Classical Studies and Mediaeval History	MA Hons		Title	Classics	History
Classical Studies and Middle East Studies	MA Hons		Title	Classics	History
Classical Studies and Modern History	MA Hons		Title	Classics	History
Classical Studies and New Testament	MA Hons		Title	Classics	Divinity
Classical Studies and Philosophy	MA Hons		Title	Classics	Phil, Anth & Film
<i>Classical Studies and Russian and another modern language – for options available, see under Modern Languages</i>					
Classical Studies and Scottish History	MA Hons		Title	Classics	History
Classical Studies and Social Anthropology	MA Hons		Title	Classics	Phil, Anth & Film
<i>Classical Studies and Spanish and another modern language – for options available, see under Modern Languages</i>					
Classical Studies and Theological Studies	MA Hons		Title	Classics	Divinity
Classics	MA Hons		Title	Classics	
<i>Classics and Comparative Literature</i>	<i>MA Hons</i>			<i>Classics</i>	<i>Modern Languages</i>
Classics and English	MA Hons		Title	Classics	English

Also WIYA - means the degree is available with or without an Integrated Year Abroad

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^E – Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead.

^T – Timetable clash exists and this combination is subject to the agreement of the Chair of the Department or Head of School concerned.

^G – This combination is only available to non-beginners in German due to a timetable clash.

^M – This combination is also available including a second language, see under Modern Languages.

^X – Due to a timetable clash, students taking this degree will take Ancient History, Latin or Greek modules in their first year and Classical Studies in their second. Contact the School of Classics for further information.

Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Classics and French	MA Hons	WIYA	Title	Classics	Modern Languages
Classics and Italian	MA Hons	WIYA	Title	Classics	Modern Languages
Classics and Management	MA Hons		Title	Classics	Management
Classics and Philosophy	MA Hons		Title	Classics	Phil, Anth & Film
Classics and Social Anthropology	MA Hons		Title	Classics	Phil, Anth & Film
Classics and Spanish	MA Hons	WIYA	Title	Classics	Modern Languages
<i>Comparative Literature and Ancient History</i>	<i>MA Hons</i>			<i>Modern Languages</i>	<i>Classics</i>
<i>Comparative Literature and Arabic and another modern language - see under Arabic</i>					
<i>Comparative Literature and Art History</i>	<i>MA Hons</i>			<i>Modern Languages</i>	<i>Art History</i>
<i>Comparative Literature and Biblical Studies</i>	<i>MA Hons</i>			<i>Modern Languages</i>	<i>Divinity</i>
Comparative Literature and Classical Studies	MA Hons		Title	Modern Languages	Classics
Comparative Literature and Classics	MA Hons		Title	Modern Languages	Classics
Comparative Literature and English	MA Hons		Title	Modern Languages	English
Comparative Literature and Film Studies	MA Hons		Title	Modern Languages	Phil, Anth & Film
Comparative Literature and French	MA Hons	WIYA	Title	Modern Languages	Modern Languages
Comparative Literature and French and German	MA Hons	WIYA	Title	Modern Languages	
Comparative Literature and French and Italian	MA Hons	WIYA	Title	Modern Languages	
Comparative Literature and French and Russian	MA Hons	WIYA	Title	Modern Languages	
Comparative Literature and French and Spanish	MA Hons	WIYA	Title	Modern Languages	
Comparative Literature and Geography	MA Hons		Title	Modern Languages	Geog & Geosciences
Comparative Literature and German	MA Hons	WIYA	Title	Modern Languages	Modern Languages
Comparative Literature and German and Italian	MA Hons	WIYA	Title	Modern Languages	
Comparative Literature and German and Russian	MA Hons	WIYA	Title	Modern Languages	
Comparative Literature and German and Spanish	MA Hons	WIYA	Title	Modern Languages	
Comparative Literature and Greek	MA Hons		Title	Modern Languages	Classics
Comparative Literature and Hebrew	MA Hons		Title	Modern Languages	Divinity
Comparative Literature and International Relations	MA Hons		Title	Modern Languages	Int Relations
Comparative Literature and Italian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
Comparative Literature and Italian and Russian	MA Hons	WIYA	Title	Modern Languages	
Comparative Literature and Italian and Spanish	MA Hons	WIYA	Title	Modern Languages	
Comparative Literature and Latin	MA Hons		Title	Modern Languages	Classics
Comparative Literature and	MA Hons		Title	Modern Languages	Management

Also WIYA - means the degree is available with or without an Integrated Year Abroad

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- ^E – Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead.
- ^T – Timetable clash exists and this combination is subject to the agreement of the Chair of the Department or Head of School concerned.
- ^G – This combination is only available to non-beginners in German due to a timetable clash.
- ^M – This combination is also available including a second language, see under Modern Languages.
- ^X – Due to a timetable clash, students taking this degree will take Ancient History, Latin or Greek modules in their first year and Classical Studies in their second. Contact the School of Classics for further information.

Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Management					
Comparative Literature and Mediaeval History	MA Hons		Title	Modern Languages	History
Comparative Literature and Modern History	MA Hons		Title	Modern Languages	History
Comparative Literature and Philosophy	MA Hons		Title	Modern Languages	Phil, Anth & Film
Comparative Literature and Russian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
Comparative Literature and Russian and Spanish	MA Hons	WIYA	Title	Modern Languages	
Comparative Literature and Social Anthropology	MA Hons		Title	Modern Languages	Phil, Anth & Film
Comparative Literature and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
Computer Science	BSc Hons		Title	Computer Science	
Computer Science	MSci Hons		Title	Computer Science	
Computer Science and Economics	BSc Hons		Title	Computer Science	Econ & Finance
Computer Science and Logic and Philosophy of Science	BSc Hons		Title	Computer Science	Phil, Anth & Film
Computer Science and Management	BSc Hons		Title	Computer Science	Management
Computer Science and Management Science	BSc Hons		Title	Computer Science	Management
Computer Science and Mathematics	BSc Hons		Title	Computer Science	Maths & Statistics
Computer Science and Physics	BSc Hons		Title	Computer Science	Physics & Astronomy
Computer Science and Psychology	BSc Hons		Title	Computer Science	Psych & Neuroscience
Computer Science and Statistics	BSc Hons		Title	Computer Science	Maths & Statistics
Divinity	BD Hons		Title	Divinity	
Earth Sciences	MGeol Hons		Title	Geog & Geosciences	
Ecology and Conservation	BSc Hons		Title	Biology	
Economics	BA (Int. Hons)		Title	Economics & Finance	
Economics	MA Hons		Title	Economics & Finance	
Economics	BSc Hons		Title	Economics & Finance	
<i>Economics and Ancient History</i>	MA Hons			<i>Economics & Finance</i>	<i>Classics</i>
<i>Economics and Biblical Studies</i>	MA Hons			<i>Economics & Finance</i>	<i>Divinity</i>
<i>Economics and Biology</i>	BSc Hons			<i>Economics & Finance</i>	<i>Biology</i>
<i>Economics and Computer Science</i>	BSc Hons			<i>Economics & Finance</i>	<i>Computer Science</i>
Economics and English	MA Hons		Title	Economics & Finance	English
Economics and Film Studies	MA Hons		Title	Economics & Finance	Phil, Anth & Film
Economics and Geography	MA Hons		Title	Economics & Finance	Geog & Geosciences

Also WIYA - means the degree is available with or without an Integrated Year Abroad

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^E - Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead.

^T - Timetable clash exists and this combination is subject to the agreement of the Chair of the Department or Head of School concerned.

^G - This combination is only available to non-beginners in German due to a timetable clash.

^M - This combination is also available including a second language, see under Modern Languages.

^X - Due to a timetable clash, students taking this degree will take Ancient History, Latin or Greek modules in their first year and Classical Studies in their second. Contact the School of Classics for further information.

Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Economics and German	MA Hons			Economics & Finance	Modern Languages
Economics and International Relations	MA Hons			Economics & Finance	Int Relations
Economics and Italian	MA Hons			Economics & Finance	Modern Languages
Economics and Management	BSc Hons			Economics & Finance	Management
Economics and Management	MA Hons			Economics & Finance	Management
Economics and Management Science	BSc Hons			Economics & Finance	Management
Economics and Mathematics	MA Hons			Economics & Finance	Maths & Statistics
Economics and Mathematics	BSc Hons			Economics & Finance	Maths & Statistics
Economics and Mediaeval History	MA Hons			Economics & Finance	History
Economics and Middle East Studies	MA Hons			Economics & Finance	History
Economics and Modern History	MA Hons			Economics & Finance	History
Economics and Philosophy	MA Hons			Economics & Finance	Phil, Anth & Film
Economics and Psychology	BSc Hons			Economics & Finance	Psych & Neuroscience
Economics and Psychology	MA Hons			Economics & Finance	Psych & Neuroscience
Economics and Russian	MA Hons			Economics & Finance	Modern Languages
Economics and Social Anthropology	MA Hons			Economics & Finance	Phil, Anth & Film
Economics and Spanish	MA Hons			Economics & Finance	Modern Languages
Economics and Statistics	MA Hons			Economics & Finance	Maths & Statistics
Economics and Statistics	BSc Hons			Economics & Finance	Maths & Statistics
Economics with German	MA Hons			Economics & Finance	Modern Languages
Economics with Russian	MA Hons			Economics & Finance	Modern Languages
Economics with Social Anthropology	MA Hons			Economics & Finance	Phil, Anth & Film
Economics with Spanish	MA Hons			Economics & Finance	Modern Languages
English	BA (Int. Hons)			English	
English	MA Hons			English	

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^G – This combination is only available to non-beginners in German due to a timetable clash.

^M – This combination is also available including a second language, see under Modern Languages.

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>English and Art History</i>	MA Hons			English	Art History
<i>English and Biblical Studies</i>	MA Hons			English	Divinity
<i>English and Classical Studies</i>	MA Hons			English	Classics
<i>English and Classics</i>	MA Hons			English	Classics
<i>English and Comparative Literature</i>	MA Hons			English	Modern Languages
<i>English and Economics</i>	MA Hons			English	Econ & Finance
English and Film Studies	MA Hons		Title	English	Phil, Anth & Film
English and French^M	MA Hons	WIYA	Title	English	Modern Languages
English and German^M	MA Hons	WIYA	Title	English	Modern Languages
English and Greek	MA Hons		Title	English	Classics
English and Hebrew	MA Hons		Title	English	Divinity
English and Italian^M	MA Hons	WIYA	Title	English	Modern Languages
English and Latin	MA Hons		Title	English	Classics
English and Management	MA Hons		Title	English	Management
English and Mediaeval History	MA Hons		Title	English	History
English and Middle East Studies	MA Hons		Title	English	History
English and Modern History	MA Hons		Title	English	History
<i>English and Modern Languages (two languages) - see under Modern Languages</i>					
English and Philosophy	MA Hons		Title	English	Phil, Anth & Film
English and Psychology	MA Hons		Title	English	Psych & Neuroscience
English and Russian^{E M}	MA Hons	WIYA	Title	English	Modern Languages
English and Scottish History	MA Hons		Title	English	History
English and Social Anthropology	MA Hons		Title	English	Phil, Anth & Film
English and Spanish^M	MA Hons	WIYA	Title	English	Modern Languages
English and Theological Studies	MA Hons		Title	English	Divinity
Environmental Biology and Geography	BSc Hons		Title	Biology	Geog & Geosciences
Environmental Geoscience	BSc Hons		Title	Biology	
Evolutionary Biology	BSc Hons		Title	Biology	
<i>Film Studies and Ancient History</i>	MA Hons			Phil, Anth & Film	Classics
<i>Film Studies and Art History</i>	MA Hons			Phil, Anth & Film	Art History
<i>Film Studies and Biblical Studies</i>	MA Hons			Phil, Anth & Film	Divinity
<i>Film Studies and Classical Studies</i>	MA Hons			Phil, Anth & Film	Classics
<i>Film Studies and Comparative Literature</i>	MA Hons			Phil, Anth & Film	Modern Languages
<i>Film Studies and Economics</i>	MA Hons			Phil, Anth & Film	Econ & Finance
<i>Film Studies and English</i>	MA Hons			Phil, Anth & Film	English
Film Studies and French	MA Hons	WIYA	Title	Phil, Anth & Film	Modern Languages
Film Studies and Geography	MA Hons		Title	Phil, Anth & Film	Geog & Geosciences
Film Studies and German	MA Hons	WIYA	Title	Phil, Anth & Film	Modern Languages
Film Studies and International Relations	MA Hons		Title	Phil, Anth & Film	Int Relations
Film Studies and Italian	MA Hons	WIYA	Title	Phil, Anth & Film	Modern Languages

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Film Studies and Modern History	MA Hons		Title	Phil, Anth & Film	History
Film Studies and Philosophy	MA Hons		Title	Phil, Anth & Film	Phil, Anth & Film
Film Studies and Psychology	MA Hons		Title	Phil, Anth & Film	Psych & Neuroscience
Film Studies and Russian	MA Hons	WIYA	Title	Phil, Anth & Film	Modern Languages
Film Studies and Scottish History	MA Hons		Title	Phil, Anth & Film	History
Film Studies and Social Anthropology	MA Hons		Title	Phil, Anth & Film	Phil, Anth & Film
Film Studies and Spanish	MA Hons	WIYA	Title	Phil, Anth & Film	Modern Languages
Film Studies and Theological Studies	MA Hons		Title	Phil, Anth & Film	Divinity
Financial Economics	BSc Hons		Title	Economics & Finance	
Financial Economics (Arts)	MA Hons		Title	Economics & Finance	
French	MA Hons	WIYA	Title	Modern Languages	
<i>French and German - and a third subject (Ancient History, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>French and Ancient History^M</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>French and Arabic</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>French and Arabic and another modern language (see under Arabic)</i>					
<i>French and Art History</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Art History</i>
<i>French and Biblical Studies</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Divinity</i>
<i>French and Classical Studies^M</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>French and Classics</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>French and Comparative Literature</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>French and Comparative Literature and another modern language (see under Comparative Literature)</i>					
<i>French and English^M</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>English</i>
<i>French and Film Studies</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Phil, Anth & Film</i>
French and Geography	MA Hons	WIYA	Title	Modern Languages	Geog & Geosciences
French and German	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>French and German and Arabic</i>					
French and German and Italian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
French and German and Russian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
French and German and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
French and Greek^M	MA Hons	WIYA	Title	Modern Languages	Classics
French and Hebrew	MA Hons	WIYA	Title	Modern Languages	Divinity
French and International Relations^M	MA Hons	WIYA	Title	Modern Languages	Int Relations
French and Italian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>French and Italian - and a third subject (Ancient History, Classical Studies, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>French and Italian and Arabic</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>French and Italian and Comparative</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>Literature</i>					
<i>French and Italian and German</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>English</i>
French and Italian and Russian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
French and Italian and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
French and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
French and Management^M	MA Hons	WIYA	Title	Modern Languages	Management
French and Mediaeval History	MA Hons	WIYA	Title	Modern Languages	History
French and Modern History	MA Hons	WIYA	Title	Modern Languages	History
French and Philosophy	MA Hons	WIYA	Title	Modern Languages	Phil, Anth & Film
French and Psychology	MA Hons	WIYA	Title	Modern Languages	Psych & Neuroscience
French and Russian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>French and Russian - and a third subject (Ancient History, Classical Studies, English, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>French and Russian and Arabic</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>French and Russian and Comparative Literature</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>French and Russian and German</i>					
<i>French and Russian and Italian</i>					
French and Russian and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
French and Social Anthropology	MA Hons	WIYA	Title	Modern Languages	Phil, Anth & Film
French and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>French and Spanish - and a third subject (Ancient History, Classical Studies, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>French and Spanish and Arabic</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>French and Spanish and Comparative Literature</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>French and Spanish and German</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>French and Spanish and Italian</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>French and Spanish and Russian</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
French and Theological Studies	MA Hons	WIYA	Title	Modern Languages	Divinity
Gateway to Physics and Engineering			Title		
<i>General Degree of BSc</i>	<i>BSc Gen</i>			<i>Faculty of Science</i>	
<i>General Degree of MA</i>	<i>BSc Gen</i>			<i>Faculty of Science</i>	
Geography	MA Hons		Title	Geog & Geosciences	
Geography	BSc Hons		Title	Geog & Geosciences	
<i>Geography and Art History</i>	<i>MA Hons</i>			<i>Geog & Geosciences</i>	
<i>Geography and Classical Studies</i>	<i>MA Hons</i>			<i>Geog & Geosciences</i>	<i>Classics</i>
<i>Geography and Comparative Literature</i>	<i>MA Hons</i>			<i>Geog & Geosciences</i>	<i>Modern Languages</i>
<i>Geography and Economics</i>	<i>MA Hons</i>			<i>Geog & Geosciences</i>	<i>Econ & Finance</i>
<i>Geography and Environmental Biology</i>	<i>BSc Hons</i>			<i>Geog & Geosciences</i>	<i>Biology</i>
<i>Geography and Film Studies</i>	<i>MA Hons</i>			<i>Geog & Geosciences</i>	<i>Phil, Anth & Film</i>

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>Geography and French</i>	<i>MA Hons</i>	WIYA		<i>Geog & Geosciences</i>	<i>Modern Languages</i>
Geography and Hebrew	MA Hons		Title	Geog & Geosciences	Divinity
Geography and International Relations	MA Hons		Title	Geog & Geosciences	Int Relations
Geography and Italian	MA Hons	WIYA	Title	Geog & Geosciences	Modern Languages
Geography and Management	MA Hons		Title	Geog & Geosciences	Management
Geography and Management	BSc Hons		Title	Geog & Geosciences	Management
Geography and Management Science	BSc Hons		Title	Geog & Geosciences	Management
Geography and Mathematics	BSc Hons		Title	Geog & Geosciences	Maths & Statistics
Geography and Mediaeval History	MA Hons		Title	Geog & Geosciences	History
Geography and Middle East Studies	MA Hons		Title	Geog & Geosciences	History
Geography and Modern History	MA Hons		Title	Geog & Geosciences	History
Geography and Philosophy	MA Hons		Title	Geog & Geosciences	Phil, Anth & Film
Geography and Psychology	MA Hons		Title	Geog & Geosciences	Psych & Neuroscience
Geography and Scottish History	MA Hons		Title	Geog & Geosciences	History
Geography and Social Anthropology	MA Hons		Title	Geog & Geosciences	Phil, Anth & Film
Geography and Spanish	MA Hons	WIYA	Title	Geog & Geosciences	Modern Languages
Geography and Statistics	BSc Hons		Title	Geog & Geosciences	Maths & Statistics
Geography and Theological Studies	MA Hons		Title	Geog & Geosciences	Divinity
Geography with Social Anthropology	MA Hons		Title	Geog & Geosciences	Phil, Anth & Film
Geography with Spanish	MA Hons		Title	Geog & Geosciences	Modern Languages
Geology	BSc Hons		Title	Geog & Geosciences	
<i>Geology and Biology</i>	<i>BSc Hons</i>			<i>Geog & Geosciences</i>	<i>Biology</i>
<i>Geology and Chemistry</i>	<i>BSc Hons</i>			<i>Geog & Geosciences</i>	<i>Chemistry</i>
German	MA Hons	WIYA	Title	Modern Languages	
<i>German and French - and a third subject (Ancient History, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>German and Ancient History^M</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>German and Arabic</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>German and Arabic and another modern language (see under Arabic)</i>					
<i>German and Art History</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Art History</i>
<i>German and Biblical Studies^T</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Divinity</i>
<i>German and Comparative Literature</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>German and Comparative Literature and another modern language (see under Comparative Literature)</i>					
<i>German and Economics</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Econ & Finance</i>
<i>German and English^M</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>English</i>
<i>German and Film Studies</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Phil, Anth & Film</i>
<i>German and French</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>German and French and another modern language (see under French)</i>					

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
German and International Relations^M	MA Hons	WIYA	Title	Modern Languages	Int Relations
German and Italian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>German and Italian - and a third subject (Ancient History, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>German and Italian and Comparative Literature</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>German and Italian and French</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
German and Italian and Russian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
German and Italian and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>German and Latin and another modern language – for options available, see under Modern Languages</i>					
German and Management^{G M}	MA Hons	WIYA	Title	Modern Languages	Management
German and Mathematics	MA Hons	WIYA	Title	Modern Languages	Maths & Statistics
German and Mediaeval History	MA Hons	WIYA	Title	Modern Languages	History
German and Middle East Studies	MA Hons	WIYA	Title	Modern Languages	History
German and Modern History	MA Hons	WIYA	Title	Modern Languages	History
German and New Testament	MA Hons	WIYA	Title	Modern Languages	Divinity
German and Philosophy	MA Hons	WIYA	Title	Modern Languages	Phil, Anth & Film
German and Psychology	MA Hons	WIYA	Title	Modern Languages	Psych & Neuroscience
German and Russian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>German and Russian and a third subject (Ancient History, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>German and Russian and Arabic</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>German and Russian and Comparative Literature</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>German and Russian and French</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>English</i>
<i>German and Russian and International Relations</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Int Relations</i>
<i>German and Russian and Italian</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
German and Russian and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
German and Social Anthropology	MA Hons	WIYA	Title	Modern Languages	Phil, Anth & Film
German and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>German and Spanish and a third subject (Ancient History, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>German and Spanish and Arabic</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>German and Spanish and Comparative Literature</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>German and Spanish and French</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>English</i>
<i>German and Spanish and Italian</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>German and Spanish and Russian</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	<i>Int Relations</i>
German and Theological Studies	MA Hons	WIYA	Title	Modern Languages	Divinity
Greek	MA Hons		Title	Classics	
<i>Greek and German and another modern language – for options available, see under Modern Languages</i>					

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>Greek and Ancient History</i>	MA Hons			Classics	Classics
<i>Greek and Art History</i>	MA Hons			Classics	Art History
<i>Greek and Biblical Studies</i>	MA Hons			Classics	Divinity
<i>Greek and Classical Studies</i>	MA Hons			Classics	Classics
<i>Greek and Comparative Literature</i>	MA Hons			Classics	Modern Languages
<i>Greek and English</i>	MA Hons			Classics	English
<i>Greek and French</i> ^M	MA Hons	WIYA		Classics	Modern Languages
Greek and Hebrew	MA Hons		Title	Classics	Divinity
Greek and Italian ^M	MA Hons	WIYA	Title	Classics	Modern Languages
<i>Greek and Modern Languages (two languages) - see under Modern Languages</i>					
Greek and New Testament	MA Hons		Title	Classics	Divinity
Greek and Philosophy	MA Hons		Title	Classics	Phil, Anth & Film
Greek and Social Anthropology	MA Hons		Title	Classics	Phil, Anth & Film
Greek and Spanish ^M	MA Hons	WIYA	Title	Classics	Modern Languages
<i>Hebrew and Art History</i>	MA Hons			Divinity	Art History
<i>Hebrew and Biblical Studies</i>	MA Hons			Divinity	Divinity
<i>Hebrew and Comparative Literature</i>	MA Hons			Divinity	Modern Languages
<i>Hebrew and English</i>	MA Hons			Divinity	English
<i>Hebrew and French</i>	MA Hons	WIYA		Divinity	Modern Languages
<i>Hebrew and Geography</i>	MA Hons			Divinity	Geog & Geosciences
<i>Hebrew and Greek</i>	MA Hons			Divinity	Classics
Hebrew and Latin	MA Hons		Title	Divinity	Classics
Hebrew and Mathematics	MA Hons		Title	Divinity	Maths & Statistics
Hebrew and Middle East Studies	MA Hons		Title	Divinity	History
Hebrew and New Testament	MA Hons		Title	Divinity	Divinity
Hebrew and Russian	MA Hons	WIYA	Title	Divinity	Modern Languages
History	BA (Int. Hons)		Title	History	
History	MA Hons		Title	History	
<i>History – see also alphabetically under Ancient History, Mediaeval History, Middle East Studies, Modern History and Scottish History</i>					
International Relations	BA (Int. Hons)		Title	History	
International Relations	MA Hons		Title	Int Relations	
<i>International Relations and Art History</i>	MA Hons			Int Relations	Art History
<i>International Relations and Biblical Studies</i>	MA Hons			Int Relations	Divinity
<i>International Relations and Classical Studies</i>	MA Hons			Int Relations	Classics
<i>International Relations and Comparative Literature</i>	MA Hons			Int Relations	Modern Languages
<i>International Relations and Economics</i>	MA Hons			Int Relations	Economics & Finance

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>International Relations and Film Studies</i>	MA Hons			<i>Int Relations</i>	<i>Phil, Anth & Film</i>
<i>International Relations and French^M</i>	MA Hons	WIYA		<i>Int Relations</i>	<i>Modern Languages</i>
<i>International Relations and Geography</i>	MA Hons			<i>Int Relations</i>	<i>Geog & Geosciences</i>
<i>International Relations and German^M</i>	MA Hons	WIYA		<i>Int Relations</i>	<i>Modern Languages</i>
International Relations and Italian^M	MA Hons		Title	Int Relations	
International Relations and Management	MA Hons		Title	Int Relations	Management
International Relations and Mathematics	MA Hons		Title	Int Relations	Maths & Statistics
International Relations and Mediaeval History^T	MA Hons		Title	Int Relations	History
International Relations and Middle East Studies	MA Hons		Title	Int Relations	History
International Relations and Modern History	MA Hons		Title	Int Relations	History
<i>International Relations and Modern Languages (two languages) - see under Modern Languages</i>	MA Hons	WIYA		<i>Int Relations</i>	<i>Modern Languages</i>
International Relations and Philosophy	MA Hons		Title	Int Relations	Phil, Anth & Film
International Relations and Psychology	MA Hons		Title	Int Relations	Psych & Neuroscience
International Relations and Russian^M	MA Hons	WIYA	Title	Int Relations	Modern Languages
International Relations and Scottish History	MA Hons		Title	Int Relations	History
International Relations and Social Anthropology	MA Hons		Title	Int Relations	Phil, Anth & Film
International Relations and Spanish^M	MA Hons	WIYA	Title	Int Relations	Modern Languages
International Relations and Theological Studies^T	MA Hons		Title	Int Relations	Divinity
Internet Computer Science	BSc Hons		Title	Computer Science	
Italian	MA Hons	WIYA	Title	Modern Languages	
<i>Italian and Ancient History^M</i>	MA Hons	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>Italian and Arabic</i>	MA Hons	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>Italian and Arabic and another modern language - see under Arabic</i>					
<i>Italian and Art History</i>	MA Hons	WIYA		<i>Modern Languages</i>	<i>Art History</i>
<i>Italian and Classical Studies^M</i>	MA Hons	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>Italian and Classics</i>	MA Hons	WIYA		<i>Modern Languages</i>	<i>Classics</i>
<i>Italian and Comparative Literature</i>	MA Hons	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>
<i>Italian and Comparative Literature and another modern language - see under Comparative Literature</i>					
<i>Italian and Economics</i>	MA Hons	WIYA		<i>Modern Languages</i>	<i>Economics & Finance</i>
<i>Italian and English^M</i>	MA Hons	WIYA		<i>Modern Languages</i>	<i>English</i>
<i>Italian and Film Studies</i>	MA Hons	WIYA		<i>Modern Languages</i>	<i>Phil, Anth & Film</i>
<i>Italian and French</i>	MA Hons	WIYA		<i>Modern Languages</i>	<i>Modern Languages</i>

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>Italian and French - and a third subject (Ancient History, Classical Studies, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Italian and French and another modern language -see under French</i>					
<i>Italian and Geography</i>	MA Hons	WIYA		Modern Languages	Geog & Geosciences
<i>Italian and German</i>	MA Hons	WIYA		Modern Languages	Modern Languages
<i>Italian and German - and a third subject (Ancient History, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Italian and German and another modern language - see under German</i>					
<i>Italian and Greek^M</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Italian and International Relations^M</i>	MA Hons	WIYA		Modern Languages	Int Relations
Italian and Latin^M	MA Hons	WIYA	Title	Modern Languages	Classics
Italian and Management^M	MA Hons	WIYA	Title	Modern Languages	Management
Italian and Mathematics	MA Hons	WIYA	Title	Modern Languages	Maths & Statistics
Italian and Mediaeval History	MA Hons	WIYA	Title	Modern Languages	History
Italian and Middle East Studies	MA Hons	WIYA	Title	Modern Languages	History
Italian and Modern History	MA Hons	WIYA	Title	Modern Languages	History
Italian and Philosophy	MA Hons	WIYA	Title	Modern Languages	Phil, Anth & Film
Italian and Psychology	MA Hons	WIYA	Title	Modern Languages	Psych & Neuroscience
Italian and Russian	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>Italian and Russian - and a third subject (Ancient History, Classical Studies, English, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Italian and Russian and Arabic</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Italian and Russian and French</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Italian and Russian and German</i>	MA Hons	WIYA		Modern Languages	Modern Languages
Italian and Russian and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
Italian and Scottish History	MA Hons	WIYA	Title	Modern Languages	History
Italian and Social Anthropology	MA Hons	WIYA	Title	Modern Languages	Phil, Anth & Film
Italian and Spanish	MA Hons	WIYA	Title	Modern Languages	Modern Languages
<i>Italian and Spanish - and a third subject (Ancient History, Classical Studies, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Italian and Spanish and Arabic</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Italian and Spanish and French</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Italian and Spanish and German</i>	MA Hons	WIYA		Modern Languages	Modern Languages
<i>Italian and Spanish and Russian</i>	MA Hons	WIYA		Modern Languages	Classics
Latin	MA Hons		Title	Classics	
<i>Latin and Ancient History</i>	MA Hons			Classics	Classics
<i>Latin and Classical Studies</i>	MA Hons			Classics	Classics
<i>Latin and Comparative Literature</i>	MA Hons			Classics	Modern Languages
<i>Latin and English</i>	MA Hons			Classics	English
<i>Latin and French^M</i>	MA Hons	WIYA		Classics	Modern Languages

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<i>Latin and German and another modern language – for options available, see under Modern Languages</i>					
<i>Latin and Hebrew</i>	MA Hons			Classics	Divinity
<i>Latin and Italian^M</i>	MA Hons	WIYA		Classics	Modern Languages
Latin and Mathematics	MA Hons		Title	Classics	Maths & Statistics
Latin and Mediaeval History	MA Hons		Title	Classics	History
Latin and Middle East Studies	MA Hons		Title	Classics	History
Latin and Modern History	MA Hons		Title	Classics	History
<i>Latin and Modern Languages (two languages) – many options available, see under Modern Languages</i>					
Latin and New Testament	MA Hons		Title	Classics	Divinity
Latin and Philosophy	MA Hons		Title	Classics	Phil, Anth & Film
Latin and Russian^M	MA Hons	WIYA	Title	Classics	Modern Languages
Latin and Social Anthropology	MA Hons		Title	Classics	Phil, Anth & Film
Latin and Spanish^M	MA Hons	WIYA	Title	Classics	Modern Languages
<i>Logic and Philosophy of Science and Biology</i>	BSc Hons			Phil, Anth & Film	Biology
<i>Logic and Philosophy of Science and Computer Science</i>	BSc Hons			Phil, Anth & Film	Computer Science
Logic and Philosophy of Science and Mathematics	BSc Hons		Title	Phil, Anth & Film	Maths & Statistics
Logic and Philosophy of Science and Physics	BSc Hons		Title	Phil, Anth & Film	Physics & Astronomy
Logic and Philosophy of Science and Statistics	BSc Hons		Title	Phil, Anth & Film	Maths & Statistics
<i>MA General</i>	MA Gen			Faculty of Arts	
Management	MA Hons		Title	Management	
Management	BSc Hons		Title	Management	
<i>Management and Art History</i>	MA Hons			Management	Art History
<i>Management and Classics</i>	MA Hons			Management	Classics
<i>Management and Comparative Literature</i>	MA Hons			Management	Modern Languages
<i>Management and Computer Science</i>	BSc Hons			Management	Computer Science
<i>Management and Economics</i>	BSc Hons			Management	Economics & Finance
<i>Management and Economics</i>	MA Hons			Management	Economics & Finance
<i>Management and English</i>	MA Hons			Management	English
<i>Management and French^M</i>	MA Hons	WIYA		Management	Modern Languages
<i>Management and Geography</i>	MA Hons			Management	Geog & Geosciences
<i>Management and Geography</i>	BSc Hons			Management	Geog & Geosciences
<i>Management and German^{GM}</i>	MA Hons	WIYA		Management	Modern Languages
<i>Management and International Relations</i>	MA Hons			Management	Int Relations
<i>Management and Italian^M</i>	MA Hons	WIYA		Management	Modern Languages
Management and Middle East Studies	MA Hons		Title	Management	History

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Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Management and Modern History	MA Hons		Title	Management	History
<i>Management and Modern Languages (two languages) – many options available, see under Modern Languages</i>	<i>MA Hons</i>				
		WIYA		<i>Management</i>	<i>Modern Languages</i>
Management and Philosophy	MA Hons		Title	Management	Phil, Anth & Film
Management and Psychology	MA Hons		Title	Management	Psych & Neuroscience
Management and RussianTM	MA Hons	WIYA	Title	Management	Modern Languages
Management and Spanish	MA Hons	WIYA	Title	Management	Modern Languages
Management Science	BSc Hons		Title	Management	
<i>Management Science and Computer Science</i>	<i>BSc Hons</i>			<i>Management</i>	<i>Computer Science</i>
<i>Management Science and Economics</i>	<i>BSc Hons</i>			<i>Management</i>	<i>Economics & Finance</i>
<i>Management Science and Geography</i>	<i>BSc Hons</i>			<i>Management</i>	<i>Geog & Geosciences</i>
Management Science and Mathematics	BSc Hons		Title	Management	Maths & Statistics
Management Science and Statistics	BSc Hons		Title	Management	Maths & Statistics
Marine Biology	BSc Hons		Title	Biology	
Materials Chemistry	BSc Hons		Title	Chemistry	
Materials Chemistry	MChem Hons		Title	Chemistry	
Materials Chemistry with External Placement	MChem Hons		Title	Chemistry	
Mathematics	BSc Hons		Title	Maths & Statistics	
Mathematics	MA Hons		Title	Maths & Statistics	
Mathematics	MMath Hons		Title	Maths & Statistics	
<i>Mathematics and Ancient History</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>History</i>
<i>Mathematics and Art History</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Art History</i>
<i>Mathematics and Biblical Studies</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Divinity</i>
<i>Mathematics and Chemistry</i>	<i>BSc Hons</i>			<i>Maths & Statistics</i>	<i>Chemistry</i>
<i>Mathematics and Classical Studies</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Classics</i>
<i>Mathematics and Computer Science</i>	<i>BSc Hons</i>			<i>Maths & Statistics</i>	<i>Computer Science</i>
<i>Mathematics and Economics</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Economics & Finance</i>
<i>Mathematics and Economics</i>	<i>BSc Hons</i>			<i>Maths & Statistics</i>	<i>Economics & Finance</i>
<i>Mathematics and Geography</i>	<i>BSc Hons</i>			<i>Maths & Statistics</i>	<i>Geog & Geosciences</i>
<i>Mathematics and German</i>	<i>MA Hons</i>	<i>WIYA</i>		<i>Maths & Statistics</i>	<i>Modern Languages</i>
<i>Mathematics and Hebrew</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Divinity</i>
<i>Mathematics and International Relations</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Int Relations</i>
<i>Mathematics and Italian</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Modern Languages</i>
<i>Mathematics and Latin</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Classics</i>
<i>Mathematics and Logic and Philosophy of Science</i>	<i>BSc Hons</i>			<i>Maths & Statistics</i>	<i>Phil, Anth & Film</i>
<i>Mathematics and Management Science</i>	<i>BSc Hons</i>			<i>Maths & Statistics</i>	<i>Management</i>

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Mathematics and Mediaeval History	MA Hons		Title	Maths & Statistics	History
Mathematics and Modern History	MA Hons		Title	Maths & Statistics	History
Mathematics and Philosophy	MA Hons		Title	Maths & Statistics	Phil, Anth & Film
Mathematics and Physics	BSc Hons		Title	Maths & Statistics	Physics & Astronomy
Mathematics and Psychology	MA Hons		Title	Maths & Statistics	Psych & Neuroscience
Mathematics and Psychology	BSc Hons		Title	Maths & Statistics	Psych & Neuroscience
Mathematics and Russian	MA Hons	WIYA	Title	Maths & Statistics	Modern Languages
Mathematics and Scottish History	MA Hons		Title	Maths & Statistics	History
Mathematics and Spanish	MA Hons	WIYA	Title	Maths & Statistics	Modern Languages
Mathematics and Theological Studies	MA Hons		Title	Maths & Statistics	Divinity
Mathematics and Theoretical Physics	MPhys Hons		Title	Maths & Statistics	Physics & Astronomy
Mathematics with Geography	BSc Hons		Title	Maths & Statistics	Geog & Geosciences
Mathematics with Russian	MA Hons	WIYA	Title	Maths & Statistics	Modern Languages
Mathematics with Spanish	MA Hons	WIYA	Title	Maths & Statistics	Modern Languages
Mediaeval History	MA Hons		Title	History	
Mediaeval History and Archaeology	MA Hons		Title	History	
<i>Mediaeval History and Art History</i>	<i>MA Hons</i>			<i>History</i>	<i>Art History</i>
<i>Mediaeval History and Classical Studies</i>	<i>MA Hons</i>			<i>History</i>	<i>Classics</i>
<i>Mediaeval History and Comparative Literature</i>	<i>MA Hons</i>			<i>History</i>	<i>Modern Languages</i>
<i>Mediaeval History and Economics</i>	<i>MA Hons</i>			<i>History</i>	<i>Economics & Finance</i>
<i>Mediaeval History and English</i>	<i>MA Hons</i>			<i>History</i>	<i>English</i>
<i>Mediaeval History and French</i>	<i>MA Hons</i>	WIYA		<i>History</i>	<i>Modern Languages</i>
<i>Mediaeval History and Geography</i>	<i>MA Hons</i>			<i>History</i>	<i>Geog & Geosciences</i>
<i>Mediaeval History and German</i>	<i>MA Hons</i>	WIYA		<i>History</i>	<i>Modern Languages</i>
<i>Mediaeval History and International Relations^T</i>	<i>MA Hons</i>			<i>History</i>	<i>Int Relations</i>
<i>Mediaeval History and Italian</i>	<i>MA Hons</i>	WIYA		<i>History</i>	<i>Modern Languages</i>
<i>Mediaeval History and Latin</i>	<i>MA Hons</i>			<i>History</i>	<i>Classics</i>
<i>Mediaeval History and Mathematics</i>	<i>MA Hons</i>			<i>History</i>	<i>Maths & Statistics</i>
Mediaeval History and Middle East Studies	MA Hons		Title	History	History
Mediaeval History and Philosophy	MA Hons		Title	History	Phil, Anth & Film
Mediaeval History and Psychology	MA Hons		Title	History	Psych & Neuroscience
Mediaeval History and Russian	MA Hons	WIYA	Title	History	Modern Languages
Mediaeval History and Social Anthropology	MA Hons		Title	History	Phil, Anth & Film
Mediaeval History and Spanish	MA Hons	WIYA	Title	History	Modern Languages
Mediaeval History and Theological Studies^T	MA Hons		Title	History	Divinity
Mediaeval Studies	MA Hons		Title	History	

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Medicine	BSc Hons		Title	Medicine	
<i>Middle East Studies and Art History</i>	<i>MA Hons</i>			<i>History</i>	<i>Art History</i>
<i>Middle East Studies and Classical Studies</i>	<i>MA Hons</i>			<i>History</i>	<i>Classics</i>
<i>Middle East Studies and Economics</i>	<i>MA Hons</i>			<i>History</i>	<i>Economics & Finance</i>
<i>Middle East Studies and English</i>	<i>MA Hons</i>			<i>History</i>	<i>English</i>
<i>Middle East Studies and Geography</i>	<i>MA Hons</i>			<i>History</i>	<i>Geog & Geosciences</i>
<i>Middle East Studies and German</i>	<i>MA Hons</i>	WIYA		<i>History</i>	<i>Modern Languages</i>
<i>Middle East Studies and Hebrew</i>	<i>MA Hons</i>			<i>History</i>	<i>Divinity</i>
<i>Middle East Studies and International Relations</i>	<i>MA Hons</i>			<i>History</i>	<i>Int Relations</i>
<i>Middle East Studies and Italian</i>	<i>MA Hons</i>	WIYA		<i>History</i>	<i>Modern Languages</i>
<i>Middle East Studies and Latin</i>	<i>MA Hons</i>			<i>History</i>	<i>Classics</i>
<i>Middle East Studies and Management</i>	<i>MA Hons</i>			<i>History</i>	<i>Management</i>
<i>Middle East Studies and Mediaeval History</i>	<i>MA Hons</i>			<i>History</i>	<i>History</i>
Middle East Studies and Modern History	MA Hons		Title	History	History
Middle East Studies and Russian	MA Hons	WIYA	Title	History	Modern Languages
Middle East Studies and Social Anthropology	MA Hons		Title	History	Phil, Anth & Film
Middle East Studies and Spanish	MA Hons	WIYA	Title	History	Modern Languages
Modern History	MA Hons		Title	History	
<i>Modern History and Art History</i>	<i>MA Hons</i>			<i>History</i>	<i>Art History</i>
<i>Modern History and Classical Studies</i>	<i>MA Hons</i>			<i>History</i>	<i>Classics</i>
<i>Modern History and Comparative Literature</i>	<i>MA Hons</i>			<i>History</i>	<i>Modern Languages</i>
<i>Modern History and Economics</i>	<i>MA Hons</i>			<i>History</i>	<i>Economics & Finance</i>
<i>Modern History and English</i>	<i>MA Hons</i>			<i>History</i>	<i>English</i>
<i>Modern History and Film Studies</i>	<i>MA Hons</i>			<i>History</i>	<i>Phil, Anth & Film</i>
<i>Modern History and French</i>	<i>MA Hons</i>	WIYA		<i>History</i>	<i>Modern Languages</i>
<i>Modern History and Geography</i>	<i>MA Hons</i>			<i>History</i>	<i>Geog & Geosciences</i>
<i>Modern History and German</i>	<i>MA Hons</i>	WIYA		<i>History</i>	<i>Modern Languages</i>
<i>Modern History and International Relations</i>	<i>MA Hons</i>			<i>History</i>	<i>Int Relations</i>
<i>Modern History and Italian</i>	<i>MA Hons</i>	WIYA		<i>History</i>	<i>Modern Languages</i>
<i>Modern History and Latin</i>	<i>MA Hons</i>			<i>History</i>	<i>Classics</i>
<i>Modern History and Management</i>	<i>MA Hons</i>			<i>History</i>	<i>Management</i>
<i>Modern History and Mathematics</i>	<i>MA Hons</i>			<i>History</i>	<i>Maths & Statistics</i>
<i>Modern History and Middle East Studies</i>	<i>MA Hons</i>			<i>History</i>	<i>History</i>
Modern History and New Testament	MA Hons		Title	History	Divinity
Modern History and Philosophy	MA Hons		Title	History	Phil, Anth & Film
Modern History and Psychology^T	MA Hons		Title	History	Psych & Neuroscience

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Modern History and Russian	MA Hons	WIYA	Title	History	Modern Languages
Modern History and Social Anthropology ^T	MA Hons		Title	History	Phil, Anth & Film
Modern History and Spanish ^T	MA Hons	WIYA	Title	History	Modern Languages
Modern History and Theological Studies	MA Hons		Title	History	Divinity
Modern Languages (Arabic and French) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and French) and Classical Studies	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and French) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (Arabic and French) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (Arabic and French) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and French) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (Arabic and German) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and German) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (Arabic and German) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (Arabic and German) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and German) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (Arabic and Italian) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and Italian) and Classical Studies	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and Italian) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (Arabic and Italian) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (Arabic and Italian) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and Italian) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (Arabic and Russian) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and Russian) and Classical Studies	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and Russian) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (Arabic and Russian) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (Arabic and Russian) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Modern Languages (Arabic and Russian) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (Arabic and Spanish) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and Spanish) and Classical Studies	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and Spanish) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (Arabic and Spanish) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (Arabic and Spanish) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Arabic and Spanish) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (French and German) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and German) and English	MA Hons	WIYA	Title	Modern Languages	
Modern Languages (French and German) and Greek	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and German) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (French and German) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and German) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (French and Italian) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and Italian) and Classical Studies	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and Italian) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (French and Italian) and Greek	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and Italian) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (French and Italian) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and Italian) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (French and Russian) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and Russian) and Classical Studies	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and Russian) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (French and Russian) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (French and	MA Hons	WIYA	Title	Modern Languages	Classics

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Russian) and Latin					
Modern Languages (French and Russian) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (French and Spanish) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and Spanish) and Classical Studies	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and Spanish) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (French and Spanish) and Greek	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and Spanish) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (French and Spanish) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (French and Spanish) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (German and Italian) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (German and Italian) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (German and Italian) and Greek	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (German and Italian) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (German and Italian) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (German and Italian) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (German and Russian) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (German and Russian) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (German and Russian) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (German and Russian) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (German and Russian) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (German and Spanish) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (German and Spanish) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (German and Spanish) and Greek	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (German and Spanish) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (German and Spanish) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Modern Languages (German and Spanish) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (Italian and Russian) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Italian and Russian) and Classical Studies	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Italian and Russian) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (Italian and Russian) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (Italian and Russian) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Italian and Russian) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (Italian and Spanish) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Italian and Spanish) and Classical Studies	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Italian and Spanish) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (Italian and Spanish) and Greek	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Italian and Spanish) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (Italian and Spanish) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Italian and Spanish) and Management	MA Hons	WIYA	Title	Modern Languages	Management
Modern Languages (Russian and Spanish) and Ancient History	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Russian and Spanish) and Classical Studies	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Russian and Spanish) and English	MA Hons	WIYA	Title	Modern Languages	English
Modern Languages (Russian and Spanish) and International Relations	MA Hons	WIYA	Title	Modern Languages	Int Relations
Modern Languages (Russian and Spanish) and Latin	MA Hons	WIYA	Title	Modern Languages	Classics
Modern Languages (Russian and Spanish) and Management	MA Hons	WIYA	Title	Modern Languages	Management
<i>Modern Languages (Triple)</i>	<i>MA Hons</i>	WIYA		<i>Modern Languages</i>	
<i>Modern Languages (two languages) and Ancient History</i>	<i>MA Hons</i>		WIYA	<i>Modern Languages</i>	<i>Classics</i>
<i>Modern Languages (two languages) and Classical Studies</i>	<i>MA Hons</i>		WIYA	<i>Modern Languages</i>	<i>Classics</i>
<i>Modern Languages (two languages) and English</i>	<i>MA Hons</i>		WIYA	<i>Modern Languages</i>	<i>English</i>
<i>Modern Languages (two languages) and</i>	<i>MA Hons</i>		WIYA	<i>Modern Languages</i>	<i>Classics</i>

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>Greek</i>					
<i>Modern Languages (two languages) and International Relations</i>	MA Hons	WIYA		Modern Languages	Int Relations
<i>Modern Languages (two languages) and Latin</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Modern Languages (two languages) with Management</i>	MA Hons	WIYA		Modern Languages	Management
Molecular Biology	BSc Hons		Title	Biology	
MTheol Honours	MTheol Hons			Divinity	
Neuroscience	BSc Hons		Title	Biology	
<i>New Testament and Classical Studies</i>	MA Hons			Divinity	Classics
<i>New Testament and German</i>	MA Hons	WIYA		Divinity	Modern Languages
<i>New Testament and Greek</i>	MA Hons			Divinity	Classics
<i>New Testament and Hebrew</i>	MA Hons			Divinity	Divinity
<i>New Testament and Latin</i>	MA Hons			Divinity	Classics
<i>New Testament and Modern History</i>	MA Hons			Divinity	History
Philosophy	MA Hons		Title	Phil, Anth & Film	
<i>Philosophy and Ancient History</i>	MA Hons			Phil, Anth & Film	Classics
<i>Philosophy and Art History</i>	MA Hons			Phil, Anth & Film	Art History
<i>Philosophy and Biblical Studies</i>	MA Hons			Phil, Anth & Film	Divinity
<i>Philosophy and Classical Studies</i>	MA Hons			Phil, Anth & Film	Classics
<i>Philosophy and Classics</i>	MA Hons			Phil, Anth & Film	Classics
<i>Philosophy and Comparative Literature</i>	MA Hons			Phil, Anth & Film	Modern Languages
<i>Philosophy and Economics</i>	MA Hons			Phil, Anth & Film	Economics & Finance
<i>Philosophy and English</i>	MA Hons			Phil, Anth & Film	English
<i>Philosophy and Film Studies</i>	MA Hons			Phil, Anth & Film	Phil, Anth & Film
<i>Philosophy and French</i>	MA Hons	WIYA		Phil, Anth & Film	Modern Languages
<i>Philosophy and Geography</i>	MA Hons			Phil, Anth & Film	Geog & Geosciences
<i>Philosophy and German</i>	MA Hons	WIYA		Phil, Anth & Film	Modern Languages
<i>Philosophy and Greek</i>	MA Hons			Phil, Anth & Film	Classics
<i>Philosophy and International Relations</i>	MA Hons			Phil, Anth & Film	Int Relations
<i>Philosophy and Italian</i>	MA Hons	WIYA		Phil, Anth & Film	Modern Languages
<i>Philosophy and Latin</i>	MA Hons			Phil, Anth & Film	Classics
<i>Philosophy and Management</i>	MA Hons			Phil, Anth & Film	Management
<i>Philosophy and Mathematics</i>	MA Hons			Phil, Anth & Film	Maths & Statistics
<i>Philosophy and Mediaeval History</i>	MA Hons			Phil, Anth & Film	History
<i>Philosophy and Modern History</i>	MA Hons			Phil, Anth & Film	History
Philosophy and Psychology	MA Hons		Title	Phil, Anth & Film	Psych & Neuroscience
Philosophy and Russian	MA Hons	WIYA	Title	Phil, Anth & Film	Modern Languages
Philosophy and Scottish History	MA Hons		Title	Phil, Anth & Film	History

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Philosophy and Social Anthropology	MA Hons		Title	Phil, Anth & Film	Phil, Anth & Film
Philosophy and Spanish	MA Hons	WIYA	Title	Phil, Anth & Film	Modern Languages
Philosophy and Statistics	MA Hons		Title	Phil, Anth & Film	Maths & Statistics
Philosophy and Theological Studies	MA Hons		Title	Phil, Anth & Film	Divinity
Physics	BSc Hons		Title	Physics & Astronomy	
Physics	MPhys Hons		Title	Physics & Astronomy	
<i>Physics and Chemistry</i>	<i>MSci</i>			<i>Physics & Astronomy</i>	<i>Chemistry</i>
<i>Physics and Computer Science</i>	<i>BSc Hons</i>			<i>Physics & Astronomy</i>	<i>Computer Science</i>
<i>Physics and Logic and Philosophy of Science</i>	<i>BSc Hons</i>			<i>Physics & Astronomy</i>	<i>Phil, Anth & Film</i>
<i>Physics and Mathematics</i>	<i>BSc Hons</i>			<i>Physics & Astronomy</i>	<i>Maths & Statistics</i>
Psychology	MA Hons		Title	Psych & Neuroscience	
Psychology	BSc Hons		Title	Psych & Neuroscience	
<i>Psychology and Art History</i>	<i>MA Hons</i>			<i>Psych & Neuroscience</i>	<i>Art History</i>
<i>Psychology and Biology</i>	<i>BSc Hons</i>			<i>Psych & Neuroscience</i>	<i>Biology</i>
<i>Psychology and Computer Science</i>	<i>MA Hons</i>			<i>Psych & Neuroscience</i>	<i>Computer Science</i>
<i>Psychology and Economics</i>	<i>BSc Hons</i>			<i>Psych & Neuroscience</i>	<i>Economics & Finance</i>
<i>Psychology and Economics</i>	<i>MA Hons</i>			<i>Psych & Neuroscience</i>	<i>Economics & Finance</i>
<i>Psychology and English</i>	<i>MA Hons</i>			<i>Psych & Neuroscience</i>	<i>English</i>
<i>Psychology and Film Studies</i>	<i>MA Hons</i>			<i>Psych & Neuroscience</i>	<i>Phil, Anth & Film</i>
<i>Psychology and French</i>	<i>MA Hons</i>			<i>Psych & Neuroscience</i>	<i>Modern Languages</i>
<i>Psychology and Geography</i>	<i>MA Hons</i>	WIYA		<i>Psych & Neuroscience</i>	<i>Geog & Geosciences</i>
<i>Psychology and German</i>	<i>MA Hons</i>			<i>Psych & Neuroscience</i>	<i>Modern Languages</i>
<i>Psychology and International Relations</i>	<i>MA Hons</i>	WIYA		<i>Psych & Neuroscience</i>	<i>Int Relations</i>
<i>Psychology and Italian</i>	<i>MA Hons</i>			<i>Psych & Neuroscience</i>	<i>Modern Languages</i>
<i>Psychology and Management</i>	<i>MA Hons</i>	WIYA		<i>Psych & Neuroscience</i>	<i>Management</i>
<i>Psychology and Mathematics</i>	<i>MA Hons</i>			<i>Psych & Neuroscience</i>	<i>Maths & Statistics</i>
<i>Psychology and Mathematics</i>	<i>BSc Hons</i>			<i>Psych & Neuroscience</i>	<i>Maths & Statistics</i>

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Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>Psychology and Mediaeval History</i>	MA Hons			Psych & Neuroscience	History
<i>Psychology and Modern History</i> ^T	MA Hons			Psych & Neuroscience	History
<i>Psychology and Philosophy</i>	MA Hons			Psych & Neuroscience	Phil, Anth & Film
Psychology and Social Anthropology	MA Hons		Title	Psych & Neuroscience	Phil, Anth & Film
Psychology and Theological Studies	MA Hons		Title	Psych & Neuroscience	Divinity
Psychology with Biology	BSc Hons		Title	Psych & Neuroscience	Biology
Psychology with Geography	MA Hons		Title	Psych & Neuroscience	Geog & Geosciences
Pure Mathematics	MMath Hons		Title	Maths & Statistics	
Russian	MA Hons	WIYA	Title	Modern Languages	
<i>Russian and Arabic</i>	MA Hons	WIYA		Modern Languages	
<i>Russian and Arabic and another modern language - see under Arabic</i>					
<i>Russian and Art History</i>	MA Hons	WIYA		Modern Languages	Art History
<i>Russian and Classical Studies and another modern language – for options available, see Modern Languages</i>					
<i>Russian and Comparative Literature</i>	MA Hons	WIYA		Modern Languages	
<i>Russian and Economics</i>	MA Hons	WIYA		Modern Languages	Economics & Finance
<i>Russian and English</i> ^{E M}	MA Hons	WIYA		Modern Languages	English
<i>Russian and Film Studies</i>	MA Hons	WIYA		Modern Languages	Phil, Anth & Film
<i>Russian and French</i>	MA Hons	WIYA		Modern Languages	
<i>Russian and French - and a third subject (Ancient History, Classical Studies, English, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Russian and French and another modern language - see under French</i>					
<i>Russian and French and Comparative Literature</i>	MA Hons	WIYA		Modern Languages	
<i>Russian and German</i>	MA Hons	WIYA		Modern Languages	
<i>Russian and German - and a third subject (Ancient History, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Russian and German and another modern language - see under German</i>					
<i>Russian and German and Comparative Literature</i>	MA Hons	WIYA		Modern Languages	
<i>Russian and Hebrew</i>	MA Hons	WIYA		Modern Languages	
<i>Russian and International Relations</i> ^M	MA Hons	WIYA		Modern Languages	Int Relations
<i>Russian and Italian</i>	MA Hons	WIYA		Modern Languages	

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Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>Russian and Italian - and a third subject (Ancient History, Classical Studies, English, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Russian and Italian and another modern language - see under Italian</i>	MA Hons	WIYA		Modern Languages	
<i>Russian and Latin^M</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Russian and Management^{T M}</i>	MA Hons	WIYA		Modern Languages	Management
<i>Russian and Mathematics</i>	MA Hons	WIYA		Modern Languages	Maths & Statistics
<i>Russian and Mediaeval History</i>	MA Hons	WIYA		Modern Languages	History
<i>Russian and Middle East Studies</i>	MA Hons	WIYA		Modern Languages	History
<i>Russian and Modern History</i>	MA Hons	WIYA		Modern Languages	History
<i>Russian and Philosophy</i>	MA Hons	WIYA		Modern Languages	Phil, Anth & Film
Russian and Scottish History	MA Hons	WIYA	Title	Modern Languages	History
Russian and Social Anthropology	MA Hons	WIYA	Title	Modern Languages	Phil, Anth & Film
Russian and Spanish	MA Hons	WIYA	Title	Modern Languages	
<i>Russian and Spanish - and a third subject (Ancient History, Classical Studies, English, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Russian and Spanish and Arabic</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Russian and Spanish and Comparative Literature</i>	MA Hons	WIYA		Modern Languages	
<i>Russian and Spanish and French</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Russian and Spanish and German</i>					
<i>Russian and Spanish and Italian</i>					
Russian and Theological Studies	MA Hons	WIYA	Title	Modern Languages	Divinity
Russian with Geography	MA Hons	WIYA	Title	Modern Languages	Geog & Geosciences
Science (General Degree)	BScGen			Faculty of Science	
Scottish History	MA Hons		Title	History	
<i>Scottish History and Classical Studies</i>	MA Hons			History	Classics
<i>Scottish History and English</i>	MA Hons			History	English
<i>Scottish History and Film Studies</i>	MA Hons			History	Phil, Anth & Film
<i>Scottish History and Geography</i>	MA Hons			History	Geog & Geosciences
<i>Scottish History and International Relations</i>	MA Hons			History	Int Relations
<i>Scottish History and Italian</i>	MA Hons	WIYA		History	Modern Languages
<i>Scottish History and Mathematics</i>	MA Hons			History	Maths & Statistics
<i>Scottish History and Philosophy</i>	MA Hons			History	Phil, Anth & Film
<i>Scottish History and Russian</i>	MA Hons	WIYA		History	Modern Languages
Scottish History and Social Anthropology	MA Hons		Title	History	Phil, Anth & Film
Scottish History and Spanish	MA Hons	WIYA	Title	History	Modern Languages
Social Anthropology	MA Hons		Title	Phil, Anth & Film	
<i>Social Anthropology and Ancient History</i>				Phil, Anth & Film	Classics

Also WIYA - means the degree is available with or without an Integrated Year Abroad

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^E – Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead.

^T – Timetable clash exists and this combination is subject to the agreement of the Chair of the Department or Head of School concerned.

^G – This combination is only available to non-beginners in German due to a timetable clash.

^M – This combination is also available including a second language, see under Modern Languages.

^X – Due to a timetable clash, students taking this degree will take Ancient History, Latin or Greek modules in their first year and Classical Studies in their second. Contact the School of Classics for further information.

Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>Social Anthropology and Art History</i>	MA Hons			Phil, Anth & Film	Classics
<i>Social Anthropology and Classical Studies</i>	MA Hons			Phil, Anth & Film	
<i>Social Anthropology and Comparative Literature</i>	MA Hons			Phil, Anth & Film	Modern Languages
<i>Social Anthropology and Economics</i>	MA Hons			Phil, Anth & Film	Economics & Finance
<i>Social Anthropology and English</i>	MA Hons			Phil, Anth & Film	English
<i>Social Anthropology and Film Studies</i>	MA Hons			Phil, Anth & Film	Phil, Anth & Film
<i>Social Anthropology and French</i>	MA Hons	WIYA		Phil, Anth & Film	Modern Languages
<i>Social Anthropology and Geography</i>	MA Hons			Phil, Anth & Film	Geog & Geosciences
<i>Social Anthropology and German</i>	MA Hons	WIYA		Phil, Anth & Film	Modern Languages
<i>Social Anthropology and Greek</i>	MA Hons			Phil, Anth & Film	Classics
<i>Social Anthropology and International Relations</i>	MA Hons			Phil, Anth & Film	Int Relations
<i>Social Anthropology and Italian</i>	MA Hons	WIYA		Phil, Anth & Film	Modern Languages
<i>Social Anthropology and Latin</i>	MA Hons			Phil, Anth & Film	Classics
<i>Social Anthropology and Mediaeval History</i>	MA Hons			Phil, Anth & Film	History
<i>Social Anthropology and Middle East Studies</i>	MA Hons			Phil, Anth & Film	History
<i>Social Anthropology and Modern History</i> ^T	MA Hons			Phil, Anth & Film	History
<i>Social Anthropology and Philosophy</i>	MA Hons			Phil, Anth & Film	Phil, Anth & Film
<i>Social Anthropology and Psychology</i>	MA Hons			Phil, Anth & Film	Psych & Neuroscience
<i>Social Anthropology and Russian</i>	MA Hons	WIYA		Phil, Anth & Film	Modern Languages
<i>Social Anthropology and Scottish History</i>	MA Hons			Phil, Anth & Film	History
Social Anthropology and Spanish ^T	MA Hons	WIYA	Title	Phil, Anth & Film	Modern Languages
Social Anthropology and Theological Studies	MA Hons		Title	Phil, Anth & Film	Divinity
Social Anthropology with Geography	MA Hons		Title	Phil, Anth & Film	Geog & Geosciences
Spanish	MA Hons	WIYA	Title	Modern Languages	
<i>Spanish and Ancient History</i> ^M	MA Hons	WIYA		Modern Languages	Classics
<i>Spanish and Arabic</i>	MA Hons	WIYA		Modern Languages	Modern Languages
<i>Spanish and Arabic and another modern language - see under Arabic</i>	MA Hons	WIYA		Modern Languages	Modern Languages
<i>Spanish and Art History</i>	MA Hons	WIYA		Modern Languages	Art History
<i>Spanish and Classics</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Spanish and Comparative Literature</i>	MA Hons	WIYA		Modern Languages	Modern Languages
<i>Spanish and Economics</i>	MA Hons	WIYA		Modern Languages	Economics & Finance
<i>Spanish and English</i> ^M	MA Hons	WIYA		Modern Languages	English
<i>Spanish and Film Studies</i>	MA Hons	WIYA		Modern Languages	Phil, Anth & Film
<i>Spanish and French</i>	MA Hons	WIYA		Modern Languages	

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^E - Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead.

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^G - This combination is only available to non-beginners in German due to a timetable clash.

^M - This combination is also available including a second language, see under Modern Languages.

^X - Due to a timetable clash, students taking this degree will take Ancient History, Latin or Greek modules in their first year and Classical Studies in their second. Contact the School of Classics for further information.

Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
<i>Spanish and French - and a third subject (Ancient History, Classical Studies, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Spanish and French and another modern language - see under French</i>					
<i>Spanish and French and Comparative Literature</i>	MA Hons	WIYA		Modern Languages	
<i>Spanish and Geography</i>	MA Hons	WIYA		Modern Languages	Geog & Geosciences
<i>Spanish and German</i>	MA Hons	WIYA		Modern Languages	
<i>Spanish and German - and a third subject (Ancient History, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Spanish and German and another modern language - see under German</i>		WIYA		Modern Languages	Classics
<i>Spanish and German and Comparative Literature</i>	MA Hons	WIYA		Modern Languages	
<i>Spanish and Greek^M</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Spanish and International Relations^M</i>	MA Hons	WIYA		Modern Languages	Int Relations
<i>Spanish and Italian</i>	MA Hons	WIYA		Modern Languages	
<i>Spanish and Italian - and a third subject (Ancient History, Classical Studies, English, Greek, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Spanish and Italian and another modern language - see under Italian</i>					
<i>Spanish and Italian and Comparative Literature</i>	MA Hons	WIYA		Modern Languages	
<i>Spanish and Latin^M</i>	MA Hons	WIYA		Modern Languages	Classics
<i>Spanish and Management^M</i>	MA Hons	WIYA		Modern Languages	Management
<i>Spanish and Mathematics</i>	MA Hons	WIYA		Modern Languages	Maths & Statistics
<i>Spanish and Mediaeval History</i>	MA Hons	WIYA		Modern Languages	History
<i>Spanish and Middle East Studies</i>	MA Hons	WIYA		Modern Languages	History
<i>Spanish and Modern History^T</i>	MA Hons	WIYA		Modern Languages	History
<i>Spanish and Philosophy</i>	MA Hons	WIYA		Modern Languages	Phil, Anth & Film
<i>Spanish and Russian</i>	MA Hons	WIYA		Modern Languages	
<i>Spanish and Russian - and a third subject (Ancient History, Classical Studies, English, International Relations, Latin, Management) – see under Modern Languages</i>					
<i>Spanish and Russian and another modern language - see under Russian</i>					
<i>Spanish and Russian and Comparative Literature</i>	MA Hons	WIYA		Modern Languages	
<i>Spanish and Scottish History</i>	MA Hons	WIYA		Modern Languages	History
<i>Spanish and Social Anthropology^T</i>	MA Hons	WIYA		Modern Languages	Phil, Anth & Film
Spanish and Theological Studies	MA Hons	WIYA	Title	Modern Languages	Divinity
Spanish with Geography	MA Hons	WIYA	Title	Modern Languages	Geog & Geosciences
Statistics	BSc Hons		Title	Maths & Statistics	

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^M – This combination is also available including a second language, see under Modern Languages.

^X – Due to a timetable clash, students taking this degree will take Ancient History, Latin or Greek modules in their first year and Classical Studies in their second. Contact the School of Classics for further information.

Current Undergraduate Degree List - August 2012

Degree Name	Qualification	Also WIYA	Title	Contributing School	Contributing School
Statistics	MMath (Hons)		Title	Maths & Statistics	
Statistics	MA Hons		Title	Maths & Statistics	
<i>Statistics and Biology</i>	<i>BSc Hons</i>			<i>Maths & Statistics</i>	<i>Biology</i>
<i>Statistics and Computer Science</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Computer Science</i>
<i>Statistics and Economics</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Economics & Finance</i>
<i>Statistics and Economics</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Economics & Finance</i>
<i>Statistics and Geography</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Geog & Geosciences</i>
<i>Statistics and Logic and Philosophy of Science</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Phil, Anth & Film</i>
<i>Statistics and Management Science</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Management</i>
<i>Statistics and Philosophy</i>	<i>MA Hons</i>			<i>Maths & Statistics</i>	<i>Phil, Anth & Film</i>
Sustainable Development	BSc Hons		Title	Geog & Geosciences	
Sustainable Development	MA Hons		Title	Geog & Geosciences	
Theological Studies	MA Hons		Title	Divinity	
<i>Theological Studies and Classical Studies</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>Classics</i>
<i>Theological Studies and English</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>English</i>
<i>Theological Studies and Film Studies</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>Phil, Anth & Film</i>
<i>Theological Studies and French</i>	<i>MA Hons</i>	WIYA		<i>Divinity</i>	<i>Modern Languages</i>
<i>Theological Studies and Geography</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>Geog & Geosciences</i>
<i>Theological Studies and German</i>	<i>MA Hons</i>	WIYA		<i>Divinity</i>	<i>Modern Languages</i>
<i>Theological Studies and International Relations^T</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>Int Relations</i>
<i>Theological Studies and Mathematics</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>Maths & Statistics</i>
<i>Theological Studies and Mediaeval History^T</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>History</i>
<i>Theological Studies and Modern History</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>History</i>
<i>Theological Studies and Philosophy</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>Phil, Anth & Film</i>
<i>Theological Studies and Psychology</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>Psych & Neuroscience</i>
<i>Theological Studies and Social Anthropology</i>	<i>MA Hons</i>			<i>Divinity</i>	<i>Phil, Anth & Film</i>
<i>Theological Studies and Spanish</i>	<i>MA Hons</i>	WIYA		<i>Divinity</i>	<i>Modern Languages</i>
Theology	MTheol Hons		Title	Divinity	
Theoretical Physics	MPhys Hons		Title	Physics & Astronomy	
<i>Theoretical Physics and Mathematics</i>	<i>MPhys Hons</i>			<i>Physics & Astronomy</i>	<i>Maths & Statistics</i>
Zoology	BSc Hons		Title	Biology	

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^M - This combination is also available including a second language, see under Modern Languages.

^X - Due to a timetable clash, students taking this degree will take Ancient History, Latin or Greek modules in their first year and Classical Studies in their second. Contact the School of Classics for further information.

The following degrees have been suspended temporarily:

Degree Name	Qualification	Title	Contributing School	Contributing School
Arabic and Art History (WIYA)	MA Hons	Title	Modern Languages	Art History
Arabic and Comparative Literature (WIYA)	MA Hons	Title	Modern Languages	Modern Languages
Arabic and Economics (WIYA)	MA Hons	Title	Modern Languages	Economics & Finance & Finance
Arabic and English (WIYA)	MA Hons	Title	Modern Languages	English
Arabic and Film Studies (WIYA)	MA Hons	Title	Modern Languages	Phil, Anth & Film
Arabic and Hebrew (WIYA)	MA Hons	Title	Modern Languages	Divinity
Arabic and International Relations (WIYA)	MA Hons	Title	Modern Languages	Int Relations
Arabic and Italian (WIYA)	MA Hons	Title	Modern Languages	Modern Languages
Arabic and Latin (WIYA)	MA Hons	Title	Modern Languages	Classics
Arabic and Management (WIYA)	<i>MA Hons</i>	Title	Modern Languages	Management
Arabic and Mathematics (WIYA)	<i>MA Hons</i>	Title	Modern Languages	Maths & Statistics
Arabic and Mediaeval History (WIYA)	<i>MA Hons</i>	Title	Modern Languages	History
Arabic and Middle East Studies (WIYA)	<i>MA Hons</i>	Title	Modern Languages	History
Arabic and Modern History (WIYA)	MA Hons	Title	Modern Languages	History
Arabic and Philosophy (WIYA)	MA Hons	Title	Modern Languages	Phil, Anth & Film
Arabic and Russian (WIYA)	MA Hons	Title	Modern Languages	Modern Languages
Arabic and Social Anthropology (WIYA)	MA Hons	Title	Modern Languages	Phil, Anth & Film
Art History and Arabic (WIYA)	MA Hons	Title	Art History	Modern Languages
Comparative Literature and Arabic (WIYA)	MA Hons	Title	Modern Languages	Modern Languages
Film Studies and Arabic (WIYA)	MA Hons	Title	Phil, Anth & Film	Modern Languages
<i>Hebrew and Arabic (WIYA)</i>	MA Hons		<i>Divinity</i>	<i>Modern Languages</i>
<i>International Relations and Arabic (WIYA)</i>	MA Hons		<i>Int Relations</i>	<i>Modern Languages</i>
<i>Latin and Arabic (WIYA)</i>	MA Hons		<i>Classics</i>	<i>Modern Languages</i>
<i>Management and Arabic (WIYA)</i>	MA Hons		<i>Management</i>	<i>Modern Languages</i>
<i>Mathematics and Arabic (WIYA)</i>	MA Hons		<i>Maths & Statistics</i>	<i>Modern Languages</i>
<i>Mediaeval History and Arabic (WIYA)</i>	MA Hons		<i>History</i>	<i>Modern Languages</i>
<i>Middle East Studies and Arabic (WIYA)</i>	MA Hons		<i>History</i>	<i>Modern Languages</i>
<i>Modern History and Arabic (WIYA)</i>	MA Hons		<i>History</i>	<i>Modern Languages</i>

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The following degrees are no longer available to entrants:

Degree Name	Qualification	Title	Contributing School	Contributing School
Not available to entrants from 2013-2014				
Greek and Latin	<i>MA Hons</i>	Title	Classics	Classics
<i>Latin and Greek</i>	<i>MA Hons</i>		<i>Classics</i>	<i>Classics</i>
Not available to entrants from 2012-2013				
<i>Mathematics and Internet Computer Science</i>	<i>BSc Hons</i>		<i>Maths & Statistics</i>	<i>Computer Science</i>
Applied Quantitative Finance	<i>BSc Hons</i>	Title	Economics & Finance	
Environmental Biology and Environmental Geoscience	<i>BSc Hons</i>	Title	Biology	Geog & Geosciences
Environmental Biology and Geoscience	<i>BSc Hons</i>	Title	Biology	Geog & Geosciences
<i>Environmental Geoscience and Environmental Biology</i>	<i>BSc Hons</i>		<i>Biology</i>	<i>Biology</i>
Physics with Photonics	<i>BSc Hons</i>	Title	Physics & Astronomy	
Psychology with Film Studies	<i>MA Hons</i>	Title	Psych & Neuroscience	Phil, Anth & Film
Not available to entrants from 2011-2012				
Internet Computer Science and Economics	<i>BSc Hons</i>	Title	Computer Science	Econ & Finance
Internet Computer Science and Mathematics	<i>BSc Hons</i>	Title	Computer Science	Maths & Statistics
Arabic & Middle East Studies SINGLE HONOURS	<i>MA Hons</i>	Title	Modern Languages/History	
Economics and Environmental Geoscience	<i>BSc Hons</i>	Title	Econ & Finance	Geog & Geosciences
Economics and Geoscience	<i>BSc Hons</i>	Title	Econ & Finance	Geog & Geosciences
Economics and Internet Computer Science	<i>BSc Hons</i>		Econ & Finance	Computer Science
Environmental Geoscience and Economics	<i>BSc Hons</i>		Biology	Economics & Finance & Finance
Geoscience and Economics	<i>BSc Hons</i>		Geog & Geosciences	Economics & Finance & Finance
Not available to entrants from 2010-2011				
Chemistry and Geoscience	<i>BSc Hons</i>		Chemistry	Geog & Geosciences
Chemistry with Pharmacology	<i>BSc Hons</i>		Chemistry	
Not available to entrants from 2009-2010				
French and German with Linguistics (WIYA)	<i>MA Hons</i>	WIYA	Modern Languages	Modern Languages
French and Italian with Linguistics (WIYA)	<i>MA Hons</i>	WIYA	Modern Languages	Modern Languages
French and Italian with Linguistics	<i>MA Hons</i>	WIYA	Modern Languages	Modern Languages
French and Russian with Linguistics (WIYA)	<i>MA Hons</i>	WIYA	Modern Languages	Modern Languages
French and Russian with Linguistics	<i>MA Hons</i>	WIYA	Modern Languages	Modern Languages
French and Spanish with Linguistics (WIYA)	<i>MA Hons</i>	WIYA	Modern Languages	Classics
French and Spanish with Linguistics	<i>MA Hons</i>	WIYA	Modern Languages	Classics
German and French with Linguistics (WIYA)	<i>MA Hons</i>	WIYA	Modern Languages	Modern Languages
German and French with Linguistics	<i>MA Hons</i>	WIYA	Modern Languages	Modern Languages

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German and Italian with Linguistics (WIYA)	MA Hons	WIYA	Modern Languages	Modern Languages
German and Italian with Linguistics	MA Hons	WIYA	Modern Languages	Modern Languages
German and Russian with Linguistics (WIYA)	MA Hons	WIYA	Modern Languages	Modern Languages
German and Russian with Linguistics	MA Hons	WIYA	Modern Languages	Modern Languages
German and Spanish with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	Modern Languages
German and Spanish with Linguistics	MA Hons	WIYA	Modern Languages	Modern Languages
Italian and French with Linguistics (WIYA)	MA Hons	WIYA	Modern Languages	Modern Languages
Italian and French with Linguistics	MA Hons	WIYA	Modern Languages	Modern Languages
Italian and German with Linguistics (WIYA)	MA Hons	WIYA	Modern Languages	Modern Languages
Italian and German with Linguistics	MA Hons	WIYA	Modern Languages	Modern Languages
Italian and Russian with Linguistics (WIYA)	MA Hons	WIYA	Modern Languages	Modern Languages
Italian and Russian with Linguistics	MA Hons	WIYA	Modern Languages	Modern Languages
Italian and Spanish with Linguistics (WIYA)	MA Hons	WIYA	Modern Languages	Modern Languages
Italian and Spanish with Linguistics	MA Hons	WIYA	Modern Languages	Modern Languages
Russian and Spanish with Linguistics (WIYA)	MA Hons	WIYA	Modern Languages	Modern Languages
Russian and Spanish with Linguistics	MA Hons	WIYA	Modern Languages	Modern Languages
Spanish and French with Linguistics (WIYA)	MA Hons	WIYA	Modern Languages	Modern Languages
Spanish and French with Linguistics	MA Hons	WIYA	Modern Languages	Modern Languages
French and German with Linguistics	MA Hons	WIYA	Modern Languages	Modern Languages
French with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	Modern Languages
French with Linguistics-09	MA Hons	WIYA	Modern Languages	Modern Languages
Modern Languages with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	Modern Languages
Modern Languages (two languages) with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	Modern Languages
Modern Languages (two languages) with Linguistics-09	MA Hons	WIYA	Modern Languages	Modern Languages
Russian with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	Modern Languages
Russian with Linguistics-09	MA Hons	WIYA	Modern Languages	Modern Languages
Spanish with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	Modern Languages
Spanish with Linguistics-09	MA Hons	WIYA	Modern Languages	Modern Languages
English with Linguistics-09	MA Hons		Modern Languages	Modern Languages
Linguistics Degrees na-09	MA Hons		Modern Languages	Modern Languages
Psychology with Linguistics-09	MA Hons		Psych & Neuroscience	Modern Languages
Psychology with Linguistics-09	MA Hons		Psych & Neuroscience	Modern Languages
French with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	Modern Languages
French with Linguistics-09	MA Hons	WIYA	Modern Languages	Modern Languages
Russian and French with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	Modern Languages

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Russian and French with Linguistics-09	MA Hons	WIYA	Modern Languages	
Russian and German with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	
Russian and German with Linguistics-09	MA Hons	WIYA	Modern Languages	
Russian and Italian with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	
Russian and Italian with Linguistics-09	MA Hons	WIYA	Modern Languages	
Russian with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	
Russian with Linguistics-09	MA Hons	WIYA	Modern Languages	
Spanish and Italian with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	
Spanish and Italian with Linguistics-09	MA Hons	WIYA	Modern Languages	
Spanish with Linguistics (WIYA)-09	MA Hons	WIYA	Modern Languages	
Spanish with Linguistics-09	MA Hons	WIYA	Modern Languages	
Theological Studies with Linguistics-09	MA Hons		Divinity	Modern Languages
Social Anthropology with Linguistics-09	MA Hons		Phil, Anth & Film	Modern Languages

Not available to entrants from 2008-2009

Mathematics with French (WIYA)-08	MA Hons	WIYA	Maths & Statistics	Modern Languages
Mathematics with French na-08	MA Hons	WIYA	Maths & Statistics	Modern Languages
Mathematics with German (WIYA)-08	MA Hons	WIYA	Maths & Statistics	Modern Languages
Mathematics with German na-08	MA Hons	WIYA	Maths & Statistics	Modern Languages
Biology with German (WIYA)-08	MA Hons	WIYA	Biology	Modern Languages
Biology with German na-08	MA Hons	WIYA	Biology	Modern Languages
Biology with Spanish (WIYA)-08	MA Hons	WIYA	Biology	Modern Languages
Biology with Spanish na-08	MA Hons	WIYA	Biology	Modern Languages
Computer Science with French (WIYA)-08	MA Hons	WIYA	Computer Science	Modern Languages
Computer Science with French na-08	MA Hons	WIYA	Computer Science	Modern Languages
Economics with French (WIYA)-08	MA Hons	WIYA	Econ & Finance	Modern Languages
Economics with French na-08	MA Hons	WIYA	Econ & Finance	Modern Languages
Geography with French (WIYA)-08	MA Hons	WIYA	Geog & Geosciences	Modern Languages
Geography with French na-08	MA Hons	WIYA	Geog & Geosciences	Modern Languages
Physics with French (WIYA)-08	MA Hons	WIYA	Physics & Astronomy	Modern Languages
Physics with French na-08	MA Hons	WIYA	Physics & Astronomy	Modern Languages

School of Art History

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Art History - Single Honours M.A.

First Year: 20 credits: AH1001 **or** AH1003.
 Second Year: 40 credits: AH2001 **and** AH2002 - with passes at grade 11 or better in both.
 Third Year: 30 credits: AH3130;
 90 credits: AH3000 - AH4089, AH4100 - AH4899.
 Fourth Year: At least 30 credits: AH4097 **or** AH4099;
 Further credits: AH3000 - AH4089, AH4100 - AH4899 to total 120 credits for the year.

With the permission of the Director of Teaching and the relevant Head of School, 30 credits in Third or Fourth year may be substituted by 3000- or 4000- level credits from another subject.

Art History - Joint Honours M.A.

Art History and one of: Ancient History, Arabic ^W, Biblical Studies, Classical Studies, Comparative Literature, English, Film Studies, French ^W, Geography, German ^W, Greek, Hebrew, International Relations, Italian ^W, Management, Mathematics, Mediaeval History, Middle East Studies, Modern History, Philosophy, Psychology, Russian ^W, Social Anthropology, Spanish ^W
^W Available also as 'With Integrated Year Abroad' degrees

Art History element of Joint M.A. Honours:

First Year: 20 credits: AH1001 **or** AH1003.
 Second Year: 40 credits: AH2001 **and** AH2002 - with passes at grade 11 or better in both.
 Third Year: 60 credits: AH3000 - AH4089, AH4100 - AH4899.
 Fourth Year: 60 credits: (AH4097 **or** AH4099), AH4000 - AH4089, AH4100 - AH4899;
or
 60 further credits: AH3000 - AH4089, AH4100 - AH4899.

No more than 60 credits may be taken from AH3000 - AH3999. In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Art History (AH) Modules

AH1001 The Art of the Renaissance in Italy and Northern Europe				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	2.00 pm			
<p>This 20 credit module provides a survey of painting, sculpture and architecture in Italy and northern Europe from c. 1280 to c.1580. It traces a chronological development through the work of major personalities from Giotto at the beginning of the fourteenth century, to Durer, Michelangelo and Titian in the sixteenth century.</p> <p>Attention will also be paid to the issues relating to the wider artistic situation of the Late Gothic and Renaissance periods, including those of patronage, iconography, technique and types of commission.</p>				
Programme module type:	Either AH1001 or AH1003 is compulsory for Art History			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 64 hours		Guided independent study: 136 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr K Rudy			
Lecturer(s)/Tutor(s):	Team taught			

AH1003 European Art and Architecture in the Seventeenth and Eighteenth Centuries				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	2.00 pm			
<p>This module provides an introduction to European art and architecture of the seventeenth and eighteenth centuries. It begins with a study of Baroque art and architecture in Italy, concentrating upon Gianlorenzo Bernini, Caravaggio and the Carracci. From Italy the focus shifts to Spain to introduce Diego Velazquez and his contemporaries. Next there is a series of lectures devoted to art and architecture in France. A further series of lectures treats seventeenth-century painting in Flanders and Holland. These emphasise Peter Paul Rubens, Anthony van Dyck, Rembrandt van Rijn and Jan Vermeer. Subsequent lectures introduce eighteenth-century painting in Italy and France. Much of the later part of the module focuses on art and architecture in Britain.</p>				
Programme module type:	Either AH1001 or AH1003 is compulsory for Art History			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 64 hours		Guided independent study: 136 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr K Rudy			
Lecturer(s)/Tutor(s):	Team taught			

AH2001 History and Theory of European Art, Architecture and Design from the French Revolution to Vienna 1900

SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	2.00 pm			
<p>The module provides students with a systematic understanding of the most significant art historical developments in nineteenth-century Europe. It aims to facilitate analytic and interpretative skill using available documentation, and to educate students in the study of visual objects and material history. The module provides a close study of the most significant individual artists, and proceeds to look generally at the emergence of avant-garde movements. There is a theoretical component which provides the broader context for these developments.</p>				
Programme module type:	Compulsory for Art History			
Pre-requisite(s):	Either AH1001 or AH1003			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 64 hours		Guided independent study: 136 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr L Goddard			
Lecturer(s)/Tutor(s):	Team taught			

AH2002 Art, Culture and Politics, from 1900 to Now

SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	2.00 pm			
<p>This module offers a survey of some of the most compelling episodes in twentieth-century art, including Cubism, Abstract Expressionism, and Postmodernism. International in focus, lectures will address how artists, architects, photographers and designers have responded to the increasingly industrialised and face-paced nature of modern experience. Students will also explore how the century's major political and social upheavals led to a constant re-evaluation of what might be expected of art. Each week will be devoted to a specific theme, such as 'myths of modernism', 'the metropolis', 'Post-war crisis', or 'globalisation'.</p>				
Programme module type:	Compulsory for Art History			
Pre-requisite(s):	Either AH1001 or AH1003			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 64 hours		Guided independent study: 136 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr L Goddard			
Lecturer(s)/Tutor(s):	Team taught			

School of Biology

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Other information: With the permission of the Director of Teaching up to 20 credits per programme may be taken in a module outwith the specified modules in the above Programmes. Entry to the Honours programme is at the discretion of the Director of Teaching, but is automatically granted for students gaining at least grade 11 in two of the prerequisite second year modules. Those who, at their first attempt, earn a minimum aggregate of 35 grade points from 2000-level Biology modules will also be considered for entry. Where there are choices between modules in the programmes that follow, some options may have pre-requisites so that choices may be limited by the Pre-honours modules taken. *The availability of 4000-level modules in the School of Biology will be dependent on sufficient student demand.*

Behavioural Biology – Single Honours B.Sc.

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits: BL2102 and BL2105 - with passes at grade 11 or better in both.
Third Year:	10 credits: BL3000 or BL3321; 50 credits: BL3307 and BL3319 and BL3320; 60 credits in three of: BL3302, BL3308, BL3309, BL3313, BL3315, BL3316, BL3318.
Fourth Year:	At least 45 credits: BL4200 or BL4201 or BL4202; Further credits: BL3400, BL4232, BL4234, BL4235, BL4256, BL4258, BL4263, BL4280 - BL4286, (one of BL4291, BL4292, ID4001), to a total of between 120 and 125 credits for the year, except that 15 of these credits may be taken from another module in the range BL4210 - BL4700, with the permission of the Degree Controller and Director of Teaching.

Biochemistry - Single Honours B.Sc.

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits: BL2101 and BL2104 - with passes at grade 11 or better in both.
Third Year:	80 credits: BL3301 and BL3302 and BL3303 and BL3310; 40 credits in two of: BL3311 - BL3313.
Fourth Year:	15 credits: BL4210; At least 45 credits: BL4200 or BL4201 or BL4202; Further credits: BL4211 - BL4216, BL4221 - BL4224, BL4230, BL4273, (one of BL4220, BL4255, BL4291, BL4292, ID4001) to a total of 120 credits for the year, except that 15 of these credits may be taken from another module in the range BL4210 - BL4700, with the permission of the Degree Controller and Director of Teaching.

Biology - 1000 & 2000 Level 2012/13 - August 2012

Biology – Single Honours B.Sc.

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits in two of: BL2000 - BL2199 - with passes at grade 11 or better in both.
Third Year:	10 credits: BL3320; 10 credits: BL3000 or BL3321; 100 further credits in five of: BL3000 - BL3399, as approved by the Degree Controller and Director of Teaching.
Fourth Year:	At least 45 credits: BL4200 or BL4201 or BL4202; Further credits: BL3400, BL4210 - BL4289, (one of BL4291, BL4292, ID4001), as approved by the Degree Controller and Director of Teaching, to a total of between 120 and 125 credits for the year.

Biology - Joint Honours B.Sc.

Biology and one of: Economics, Geology, Mathematics, Psychology, Statistics

Biology element of Biology - Joint Honours B.Sc. (except those defined below):

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits in two of: BL2000 - BL2199 - with passes at grade 11 or better in both.
Third Year:	10 credits: BL3320; 10 credits: BL3000 or BL3321; 40 further credits in two of: BL3000 - BL3399, as approved by the Degree Controller and Director of Teaching.
Fourth Year:	Between 60 and 65 credits in four of: BL3400, BL4000 - BL4289, (one of BL4291, BL4292, ID4001).

Biology and Geology - Joint Honours B.Sc.

First Year:	80 credits: BL1101 and BL1102 and ES1001 and ES1002
Second Year:	120 credits: BL2102 and BL2105 and ES2001 and ES2002 - with passes at 11 or better in all. (Including participation on the 2 nd year Earth Sciences field course).
Third Year:	80 credits: BL3000 and BL3320 and ES3001 and ES3004 and ES3008 and ES3005 40 credits in two of: BL3307, BL3308, BL3316, BL3309, BL3318, BL3319.
Fourth Year:	75 credits: BL4220 and ES4002 and ID4442. 15 credits: ES3007 or ES3009 or ES4007 or ID4001. 30 further credits in two of: BL4249, BL4254 - BL4256, BL4260, BL4262, BL4266, BL4268, BL4270, BL4272, BL4275, BL4280, BL4286, BL4301, ID4001.

Biology element of Biology and Logic & Philosophy of Science - Joint Honours B.Sc.:

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits in two of: BL2000 - BL2199 - with passes at grade 11 or better in both.
Third Year:	10 credits: BL3320; 10 credits: BL3000 or BL3321; 40 further credits in two of: BL3000 - BL3399, as approved by the Degree Controller and Director of Teaching.
Fourth Year:	At least 45 credits: BL4200 or BL4201 or BL4202; Further credits: BL3400, BL4000 - BL4289, BL4291, BL4292, ID4001, if necessary, to a total of between 60 and 65 credits in Biology for the Year.

Biology - 1000 & 2000 Level 2012/13 - August 2012

Biology - Joint Honours B.Sc. (continued)

Biology element of Biology and Mathematics/Statistics - Joint Honours B.Sc.:

First Year: 40 credits: BL1101 and BL1102.
Second Year: 60 credits in two of: BL2000 - BL2199 - with passes at grade 11 or better in both.
Third Year: 10 credits: BL3320;
Between 30 and 60 further credits: BL3000 - BL3399, as approved by the Degree Controller and Director of Teaching.
Fourth Year: At least 45 credits: BL4200 or BL4201 or BL4202;
Further credits: BL3400, BL4210 - BL4289, (one of BL4291, BL4292, ID4001) if necessary, to a total of at least 60 credits for the year and between 105 and 135 credits across Third and Fourth Years.

Biology element of Biology and Psychology (with BPS recognition) - Joint Honours B.Sc.:

First Year: 40 credits: BL1101 and BL1102.
Second Year: 60 credits in two of: BL2000 - BL2199 - with passes at grade 11 or better in both.
Third Year: 10 credits: BL3320;
Between 30 and 40 further credits: BL3000 - BL3399, as approved by the Degree Controller and Director of Teaching.
Fourth Year: At least 45 credits: BL4210 - BL4289, (one of BL4291, BL4292, ID4001), as approved by the Degree Controller.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Biology 'with'... - Honours B.Sc.

Biology with Arabic

Biology Major element of B.Sc. Honours Biology with a Modern Language:

First Year: 40 credits: BL1101 and BL1102.
Second Year: 60 credits in two of: BL2000 - BL2199 - with passes at grade 11 or better in both.
Third Year: 10 credits: BL3320;
10 credits: BL3000 or BL3321;
80 further credits in four of: BL3000 - BL3399.
Fourth Year: At least 45 credits: BL4200 or BL4201 or BL4202;
20 further credits: BL3000 - BL3400;
Further credits: BL4210 - BL4289, (one of BL4291, BL4292, ID4001) if necessary, to a total of 80 credits for the year.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

... 'with' Biology - Honours B.Sc.

Psychology with Biology

Biology minor element of Psychology with Biology - Honours B.Sc.:

First Year: 40 credits: BL1101 and BL1102.
Second Year: 60 credits: BL2000 - BL2199 - with passes at grade 11 or better in both.
Third Year: Between 20 and 40 credits: BL3000 - BL3399 as approved by the Degree Controller and Director of Teaching.
Fourth Year: At least 30 credits: BL4210 - BL4289, to a total of between 60 and 80 credits from BL modules across Third and Fourth Years.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Biology - 1000 & 2000 Level 2012/13 - August 2012

Biomolecular Science - Single Honours B.Sc.

First Year: 80 credits: BL1101 **and** BL1102 **and** CH1401 **and** CH1601.

Second Year: 120 credits: BL2101 **and** BL2104 **and** CH2501 **and** CH2601 - with passes at grade 11 or better in all.

Third Year: 120 credits: BL3301 **and** BL3310 **and** BL3312 **and** CH3431 **and** CH3612 **and** CH3613 **and** CH3615 **and** CH3621 **and** CH3716.

Fourth Year: 55 credits: BL4210 **and** CH4442;
45 credits in three of: BL4212, BL4213, BL4215, BL4216, BL4222, BL4223;
20 credits in two of: CH4612, CH4613, CH4614, CH5611, CH5612, CH5613, CH5614, CH5616.

Alternatively, by special arrangement only:
75 credits: BL4201 **and** BL4210;
50 credits in five of: CH4612, CH4613, CH4614, CH5611, CH5612, CH5613, CH5614, CH5616.

This programme is accredited by the Royal Society of Chemistry (RSC) for professional membership.

Biomolecular Science - Single Honours B.Sc.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year: 10 credits: CH1202;
120 credits: BL2101 **and** BL2104 **and** CH2501 **and** CH2601 - with passes at grade 11 or better in all.

Third Year: 120 credits: BL3301 **and** BL3310 **and** BL3312 **and** CH3431 **and** CH3612 **and** CH3613 **and** CH3615 **and** CH3621 **and** CH3716.

Fourth Year: 55 credits: BL4210 **and** CH4442;
45 credits in three of: BL4212, BL4213, BL4215, BL4216, BL4222, BL4223;
20 credits in two of: CH4612, CH4613, CH4614, CH5611, CH5612, CH5613, CH5614, CH5616.

Alternatively, by special arrangement only:
75 credits: BL4201 **and** BL4210;
50 credits in five of: CH4612, CH4613, CH4614, CH5611, CH5612, CH5613, CH5614, CH5616.

This programme is accredited by the Royal Society of Chemistry (RSC) for professional membership.

Biology - 1000 & 2000 Level 2012/13 - August 2012

Cell Biology - Single Honours B.Sc.

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits: BL2101 and BL2104 - with passes at grade 11 or better in both.
Third Year:	40 credits: BL3302 and BL3303; 20 credits: BL3301 or (BL3320 with BL3321); 60 credits in three of: BL3310 - BL3313, BL3315.
Fourth Year:	At least 45 credits: BL4200 or BL4201 or BL4202; Further credits: BL4210*, BL4211 - BL4216, BL4220, BL4221, BL4223, BL4224, BL4230 - BL4234, BL4273, (one of BL4291, BL4292, ID4001) to a total of 120 credits for the year, except that 15 of these credits may be taken from another module in the range BL4210 - BL4700, with the permission of the Degree Controller and Director of Teaching.

**BL4210 should normally be taken by any student whose project supervisor is in the Biomedical Sciences Research Complex (BSRC).*

Ecology & Conservation - Single Honours B.Sc.

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits: BL2102 and BL2105 - with passes at grade 11 or better in both.
Third Year:	80 credits: BL3000 and BL3307 and BL3308 and BL3309 and BL3320; 40 credits in two of: BL3316, BL3318, BL3319.
Fourth Year:	At least 45 credits: BL4200 or BL4201 or BL4202; Further credits: BL3400, BL4220, BL4249, BL4251, BL4254, BL4255, BL4257 - BL4260, BL4265 - BL4273, BL4275, BL4282, BL4285, BL4286; (one of BL4291, BL4292, ID4001) to a total of between 120 and 125 credits for the year, except that 15 of these credits may be taken from another module in the range BL4210 – BL4700, with the permission of the Degree Controller and Director of Teaching.

Environmental Biology - Joint Honours B.Sc.

Environmental Biology and either Environmental Geoscience or Geography	
Environmental Biology and Environmental Geoscience - Joint Honours B.Sc.:	
Third Year:	80 credits: BL3000 and BL3320 and ES3001 and ES3004 and ES3008 and ES3005 40 credits in two of: BL3307, BL3308, BL3309, BL3316, BL3318, BL3319.
Fourth Year:	75 credits: BL4220 and ES4002 and ID4442. 15 credits: ES3007 or ES3009 or ES4007 or ID4001. 30 further credits in two of: BL4249, BL4254 - BL4256, BL4260, BL4262, BL4266, BL4268, BL4270, BL4272, BL4275, BL4280, BL4286, BL4301, ID4001.
Environmental Biology element of Environmental Biology and Geography -Joint Honours B.Sc.:	
First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits: BL2102 and BL2105 - with passes at grade 11 or better in both.
Third Year:	10 credits: BL3320; Between 50 and 60 credits: BL3000, BL3307 - BL3309, BL3316, BL3318, BL3319.
Fourth Year:	Between 60 and 65 credits: BL3400, BL4220, BL4251, BL4260, BL4265 - BL4275, BL4277, BL4286, (one of BL4291, BL4292, ID4001), except that 15 of these credits may be taken from another module in the range BL4210 - BL4700, with the permission of the Degree Controller and Director of Teaching.
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Biology - 1000 & 2000 Level 2012/13 - August 2012

Evolutionary Biology - Single Honours B.Sc.

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits: BL2102 and BL2105 - with passes at grade 11 or better in both.
Third Year:	30 credits: BL3307 and BL3320; 10 credits: BL3000 or BL3321; 80 credits in four of: BL3302, BL3308, BL3309, BL3313, BL3315, BL3316, BL3318, BL3319.
Fourth Year:	At least 45 credits: BL4200 or BL4201 or BL4202; Further credits: BL3400, BL4251, BL4272 - BL4275, BL4280, BL4282, BL4284, BL4286, (one of BL4291, BL4292, ID4001) to a total of between 120 and 125 credits for the year, except that 15 of these credits may be taken from another module in the range BL4210 - BL4700, with the permission of the Degree Controller and Director of Teaching.

Marine Biology - Single Honours B.Sc.

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits: BL2102 and BL2105 - with passes at grade 11 or better in both. 60 further credits in two of: BL2000 - BL2199.
Third Year:	60 credits: BL3000 and BL3308 and BL3318 and BL3320; 60 credits in three of: BL3307, BL3309, BL3313, BL3315, BL3316, BL3319.
Fourth Year:	At least 45 credits: BL4200 or BL4201 or BL4202; 45 credits in three of: BL4249 - BL4263; Up to 15 credits: BL4248, BL4264 - BL4269, BL4273, BL4274, BL4281, BL4286; Up to 15 credits: BL4291, BL4292, BL4301, ID4001; Further credits: BL4249 - BL4263 if necessary, to a total of 120 credits for the year, except that 15 of these credits may be taken from another module in the range BL4210 - BL4700, with the permission of the Degree Controller and Director of Teaching.

Molecular Biology - Single Honours B.Sc.

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits: BL2101 and BL2104 - with passes at grade 11 or better in both.
Third Year:	100 credits: BL3301 and BL3302 and BL3303 and BL3310 and BL3311; 20 credits: BL3312 or BL3315.
Fourth Year:	At least 45 credits: BL4200 or BL4201 or BL4202; 15 credits: BL4210; Further credits: BL4211 - BL4216, BL4221, BL4223, BL4224, BL4230, (one of BL4219, BL4220, BL4255, BL4273, BL4291, BL4292, ID4001), to a total of 120 credits for the year, except that 15 of these credits may be taken from another module in the range BL4210 - BL4700, with the permission of the Degree Controller and Director of Teaching.

Biology - 1000 & 2000 Level 2012/13 - August 2012

Neuroscience - Single Honours B.Sc.

First Year:	80 credits: BL1101 and BL1102 and PS1001 and PS1002.
Second Year:	90 credits: BL2101 and PS2001 and PS2002 - with passes at grade 11 or better; 30 credits: BL2104 or BL2106 - with a pass at grade 11 or better.
Third Year:	80 credits: BL3303 and BL3313 and PS3032 and PS3035 and PS3037 and , normally PS3038. Between 30 and 40 further credits: BL3000 - BL3399, PS3000 - PS3999, PS4040, with the approval of the Degree Controller.
Fourth Year:	At least 30 credits: BL4200 or BL4201 or PS4299; Further credits: BL4000 - BL4199, BL4203 - BL4289, (one of BL4291, BL4292, ID4001), PS4060 - PS4999, with the approval of the Degree Controller, to a total of 240 credits across Third and Fourth Years.

Zoology - Single Honours B.Sc.

First Year:	40 credits: BL1101 and BL1102.
Second Year:	60 credits: BL2102 and BL2106 - with passes at grade 11 or better in both.
Third Year:	20 credits: BL3000 and BL3320; 100 credits in five of: BL3302, BL3307 - BL3309, BL3311, BL3313, BL3315, BL3316, BL3318, BL3319.
Fourth Year:	At least 45 credits: BL4200 or BL4201 or BL4202; Further credits: BL3400, BL4230 - BL4235, BL4247 - BL4251, BL4256 - BL4260, BL4263, BL4265 - BL4268, BL4272 - BL4277, BL4280 - BL4282, BL4284 - BL4286, BL4290, BL4301, (one of BL4291, BL4292, ID4001), to a total of between 120 and 125 credits for the year, except that 15 of these credits may be taken from another module in the range BL4210 - BL4700, with the permission of the Degree Controller and Director of Teaching.

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Biology - 1000 & 2000 Level 2012/13 - August 2012

Biology (BL) Modules

BL1101 Biology 1			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Planned timetable:	10.00 am		
<p>This module is an introduction to molecular and cellular biology. It covers cell diversity and the origins of life, cellular structures and fundamental processes. The central dogma of molecular biology is investigated through the examination of the structure and function of DNA, RNA and proteins, and how this knowledge led to modern developments in biotechnology. The final section of the module gives an introduction into molecular and population genetics with an emphasis on the process of evolution. Throughout the module the lecture material is complemented by extensive practical classes where biological laboratory techniques are taught and practiced through, for example, microscopy, DNA isolation, dissection and thin layer chromatography.</p>			
Programme module type:	Compulsory for all Biology Degree Programmes		
Anti-requisite(s):	BL1001, BL1002, BL1201		
Required for:	BL2101, BL2102, BL2104, BL2105, BL2106		
Learning and teaching methods and delivery:	Weekly contact: 5 lectures and 1 x 3-hour laboratory.		
	Scheduled learning: 88 hours	Guided independent study: 112 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 65%, Practical Examinations = 0%, Coursework = 35%		
	As used by St Andrews: Coursework = 50%, Written Examinations = 50%		
Module Co-ordinator:	Dr Jane Wishart		
Lecturer(s)/Tutor(s):	Dr D Barker, Dr W Heitler, Dr G Middleton, Dr M Milner, Dr C Peddie, Dr R Ramsay, Dr M Ritchie, Dr R Russell, Prof M Ryan, Dr J Sleeman, Dr D Jackson, Ms L Sibbett, Dr S Unkles, Dr S Young		

Biology - 1000 & 2000 Level 2012/13 - August 2012

BL1102 Biology 2			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 2
Planned timetable:	10.00 am		
<p>This module provides an introduction to the diversity of life on Earth and will address key elements of organismal and ecological aspects of life. The module is divided into several sections beginning with the classification of life and an introduction to the kingdoms Monera, Fungi and Protista. Photosynthesis, respiration and the evolution and diversity of plants will be studied. Students will then look at the diversity of animals in the sea and the movement of some groups onto land. The module will also provide an introduction to animal behaviour and developmental biology, before finishing off by introducing ecology and the various factors promoting and threatening biodiversity. Throughout the module the lecture material is complemented by extensive practical classes introducing a variety of fieldwork and laboratory techniques.</p>			
Programme module type:	Compulsory for all Biology Degree Programmes		
Anti-requisite(s):	BL1001, BL1002, BL1201		
Required for:	BL2101, BL2102, BL2104, BL2105, BL2106		
Learning and teaching methods and delivery:	Weekly contact: 5 lectures and 1 x 3-hour laboratory		
	Scheduled learning: 80 hours	Guided independent study: 120 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 7%, Coursework = 43%		
	As used by St Andrews: Coursework = 50%, Written Examinations = 50%		
Module Co-ordinator:	Dr I Matthews		
Lecturer(s)/Tutor(s):	Dr D Ferrier, Dr W Heitler, Dr I Matthews, Dr M Milner, Dr C Peddie, Dr G Miles		

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BL2101 Cell Structure and Function			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 1
Planned timetable:	9.00 am		
<p>This is an introductory module covering general aspects of animal cell structure and associated physiology. The module starts with a general overview of the regulation of the cell cycle, the roles of protein complexes essential to cell shape and adhesion and the homeostatic role of ion pumps, transporters and channels in the maintenance of solute compositions in both the intra- and extra-cellular fluid compartments. The module continues with detailed structure-function relationships within cells from three major tissues -</p> <p>i) nerve cells and the mechanisms of generation and propagation of the action potential, ii) skeletal, cardiac and smooth muscle cells and mechanisms controlling contraction and finally iii) blood cells and O₂ transport, immune response, coagulation and cell signaling pathways.</p>			
Programme module type:	<p>Compulsory for Biochemistry, Biomolecular Science, Cell Biology, Molecular Biology, Neuroscience.</p> <p>Optional for all other Biology Degree programmes.</p>		
Pre-requisite(s):	Students should normally have passed or been granted exemption from BL1101 and BL1102.		
Required for:	BL3301, BL3303, BL3311, BL3312, BL3313		
Learning and teaching methods and delivery:	Weekly contact: 5 lectures and 1 practical. In addition all students studying in second year Biology are required to attend a 1-hour tutorial per week PLUS 1 lecture per week and a fortnightly computer based practical (optional times for these classes will be available).		
	Scheduled learning: 90 hours	Guided independent study: 210 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%		
	As used by St Andrews: Coursework = 50%, Written Examinations = 50%		
Module Co-ordinator:	Ms L Sibbett		
Lecturer(s)/Tutor(s):	Prof F Gunn-Moore, Dr Prescott, Prof Ian Johnston, Dr Ramsay, Dr Sleeman, Dr Heitler, Dr Middleton, Ms Sibbett.		

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BL2102 Zoology			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 1
Planned timetable:	11.00 am		
<p>Zoology is the study of animals, ranging from the simplest types of multicellular organisms such as sponges and jellyfish, through to humankind itself. The module surveys the animal kingdom, describing the key groups and the defining characteristics of their body plans and lifestyles, while putting this in an evolutionary context to reveal the patterns and trends in the kingdom as a whole. Special topics that are of fundamental importance to animals, such as animal communication, and the mechanisms of locomotion on land and in the sea and air, are considered in more detail. An extensive series of practical exercises reinforces and complements the lecture component of this module.</p>			
Programme module type:	<p>Compulsory for Behavioural Biology, Biology and Geology, Ecology and Conservation, Environmental Biology and Geography, Evolutionary Biology, Marine Biology, Zoology.</p> <p>Optional for all other Biology Degree Programmes</p>		
Pre-requisite(s):	Students should normally have passed or been granted exemption BL1101 and BL1102.		
Required for:	BL3318		
Learning and teaching methods and delivery:	<p>Weekly contact: 5 lectures and 1 practical. In addition all students studying in second year Biology are required to attend a 1-hour tutorial per week PLUS 1 lecture per week and a fortnightly computer based practical (optional times for these classes will be available).</p>		
	Scheduled learning: 87 hours	Guided independent study: 213 hours	
Assessment pattern:	<p>As defined by QAA: Written Examinations = 50%, Practical Examinations = 30%, Coursework = 20%</p>		
	<p>As used by St Andrews: Coursework = 50%, Written Examinations = 50%</p>		
Module Co-ordinator:	Dr W Heitler		
Lecturer(s)/Tutor(s):	Dr Heitler, Dr Val Smith, Dr C Peddie, Dr Wishart, Dr Ferrier, Dr Matthews, Dr Paxton, Dr Boogert, Dr Janik, Dr Graves, Prof Slater.		

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BL2104 Biochemistry and Molecular Biology			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 2
Planned timetable:	9.00 am		
<p>This module builds on BL1201 Molecular Biology. The module will further develop the understanding and application of techniques, skills and concepts, which are integral to the revolution that has occurred in the biological sciences in recent years. The module is essential underpinning for all branches of modern biology and biochemistry. The lectures include coursework on biological molecular architecture, cellular architecture, enzymes & metabolism, genomics and conclude with an introduction to the molecular basis of infection and immunity. The laboratory element will develop practical skills and the use of bioinformatics resources.</p>			
Programme module type:	Compulsory for Biochemistry, Biomolecular Science, Cell Biology, Molecular Biology. Optional for all other Biology Degree Programmes.		
Pre-requisite(s):	Students should normally have passed or been granted exemption BL1101 and BL1102		
Required for:	BL3301, BL3302, BL3311		
Learning and teaching methods and delivery:	Weekly contact: 5 lectures and 1 practical. In addition all students studying in second year Biology are required to attend a 1-hour tutorial per week PLUS 1 lecture per week and a fortnightly computer based practical (optional times for these classes will be available).		
	Scheduled learning: 88 hours	Guided independent study: 212 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 70%, Practical Examinations = 0%, Coursework = 30%		
	As used by St Andrews: Coursework = 50%, Written Examinations = 50%		
Module Co-ordinator:	Dr J Ingledew		
Lecturer(s)/Tutor(s):	Dr Coote, Prof F Gunn-Moore, Dr J Ingledew, Dr MacNeil, Prof Naismith, Dr Ramsay, Prof Randall, Dr Russell, Prof Ryan, Prof White, Ms Sibbett.		

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BL2105 Ecology and Evolution				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	11.00 am			
<p>Ecology and Evolution are central to our understanding of life on Earth and the relationships between all organisms and their biotic and abiotic environment. The principles of Ecology and Evolution have determined the variety and distribution of all organisms and will determine their future responses to global change. This module will introduce students to principles and patterns of Ecology, ranging from the global (for example, patterns of energy flow through ecosystems and the biogeography of organisms and communities) to the individual (competition between and within species) and the history and processes of Evolutionary Biology (Darwin, natural selection, population genetics, the evolution of sex and speciation).</p>				
Programme module type:	<p>Compulsory for Behavioural Biology, Biology and Geology, Ecology and Conservation, Environmental Biology and Geography, Evolutionary Biology, Marine Biology.</p> <p>Optional for all other Biology degree programmes</p>			
Pre-requisite(s):	Students should normally have passed or been granted exemption BL1101 and BL1102.			
Required for:	BL3309, BL3318, BL4301: (BL2105, BL3308, BL3318 or equivalent preferred but not essential)			
Learning and teaching methods and delivery:	Weekly contact: 5 lectures and 1 practical. In addition all students studying in second year Biology are required to attend a 1-hour tutorial per week PLUS 1 lecture per week and a fortnightly computer based practical (optional times for these classes will be available).			
	Scheduled learning: 86 hours		Guided independent study: 214 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examinations = 50%			
Module Co-ordinator:	Prof M Ritchie			
Lecturer(s)/Tutor(s):	Dr D Barker, Prof A Brierley, Dr M Dornelas, Dr J Graves, Prof P Hammond, Prof T Meagher, Dr A Ojanguren, Prof M Ritchie, Dr D Shuker, Dr C Smith.			

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BL2106 Comparative Physiology			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 2
Planned timetable:	12.00 noon		
<p>This module covers the principles of physiological adaptation in a range of animals, including examples from all major taxa and from all habitats. Initial comparisons relating to scaling and design of animals will be followed by more specific units on: (A) Comparative principles of ionic and osmotic exchanges; water balance in aquatic and land animals, adaptations at skin, kidney, and respiratory surfaces. (B) Respiratory systems in water and on land, and associated circulatory mechanisms. (C) Principles of temperature balance; ectotherms and endotherms. (D) Feeding and digestive systems; food collection, ingestion, and absorption at different trophic levels; and waste disposal. (E) Sensory systems in different environments (especially visual, olfactory, auditory, and special senses). (F) Control systems using hormones and pheromones and (G) the immune system in a range of animals.</p>			
Programme module type:	Compulsory for Zoology Optional for all other Biology degree programmes		
Pre-requisite(s):	Students should normally have passed or been granted exemption from BL1101 and BL1102.		
Learning and teaching methods and delivery:	Weekly contact: 5 lectures and 1 practical. In addition all students studying in second year Biology are required to attend a 1-hour tutorial per week PLUS 1 lecture per week and a fortnightly computer based practical (optional times for these classes will be available).		
	Scheduled learning: 92 hours	Guided independent study: 208 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 63%, Practical Examinations = 0%, Coursework = 37%		
	As used by St Andrews: Coursework = 50%, Written Examinations = 50%		
Module Co-ordinator:	Dr G Prescott		
Lecturer(s)/Tutor(s):	Dr G Prescott, Dr W Heitler, Dr C Peddie, Ms Sibbett, Dr Janik, Dr Ballantyne, Prof Willmer, Dr Hooker, Prof Sillar, Prof Todd, Dr V Smith.		

School of Chemistry

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

M.Chem. Honours

The general requirements are 600 credits over a period of normally five years (and not more than six years) or part-time equivalent, the final three years of which form an approved Honours programme of 360 credits, of which 120 credits are at 5000 level and at least a further 210 credits at 3000 and 4000 levels.

M.Sci. Honours

The general requirements are 600 credits over a period of normally five years (and not more than six years) or part-time equivalent, the final three years of which form an approved Honours programme of 360 credits, of which 120 credits are at 5000 level and at least a further 210 credits at 3000 and 4000 levels.

Other information: Direct entry into Level 2000 is possible, in which case credit of 120 credits at level 1000 is given on the basis of school examinations. In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Professional Accreditation: Unless otherwise stated all degree programmes in Chemistry are accredited by the Royal Society of Chemistry (RSC) for professional membership.

Biomolecular Science - Single Honours B.Sc.

First Year:	80 credits: BL1101 and BL1102 and CH1401 and CH1601.
Second Year:	120 credits: BL2101 and BL2104 and CH2501 and CH2601 - with passes at grade 11 or better in all.
Third Year:	120 credits: BL3301 and BL3310 and BL3312 and CH3431 and CH3612 and CH3613 and CH3615 and CH3621 and CH3716.
Fourth Year:	55 credits: BL4210 and CH4442; 45 credits in three of: BL4212, BL4213, BL4215, BL4216, BL4222, BL4223; 20 credits in two of: CH4612, CH4613, CH4614, CH5611, CH5612, CH5613, CH5614, CH5616. <i>Alternatively, by special arrangement only:</i> 75 credits: BL4201 and BL4210; 50 credits in five of: CH4614, CH4612, CH4613, CH5611, CH5612, CH5613, CH5614, CH5616.

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Biomolecular Science - Single Honours B.Sc.

Direct entry to second year for approved candidates with 120 advanced standing credits.

10 credits: CH1202;

120 credits: BL2101 **and** BL2104 **and** CH2501 **and** CH2601 - with passes at grade 11 or better in all.

120 credits: BL3301 **and** BL3310 **and** BL3312 **and** CH3431 **and** CH3612 **and** CH3613 **and** CH3615 **and** CH3621 **and** CH3716.

55 credits: BL4210 **and** CH4442;

45 credits in three of: BL4212, BL4213, BL4215, BL4216, BL4222, BL4223;

20 credits in two of: CH4612, CH4613, CH4614, CH5611, CH5612, CH5613, CH5614, CH5616.

Alternatively, by special arrangement only:

*75 credits: BL4201 **and** BL4210;*

50 credits in five of: CH4614, CH4612, CH4613, CH5611, CH5612, CH5613, CH5614, CH5616.

Chemical Sciences - Single Honours B.Sc.

First Year: 60 credits: CH1401 **and** CH1402 **and** CH1601.

Second Year: 90 credits: CH2501 **and** CH2601 **and** CH2701 - with passes at grade 11 or better in all.

Third Year: 120 credits: CH3431 **and** CH3441 **and** CH3514 **and** CH3512 **and** CH3521 **and** CH3612 **and** CH3615 **and** CH3621 **and** CH3712 **and** CH3717 **and** CH3721.

Fourth Year: 40 credits: CH4442;

40 credits in four of: CH4514, CH4612, CH4614, CH4714, CH5717;

40 credits in four of: CH4515, CH4613, CH4712, CH4713, CH5516 - CH5518, CH5612 - CH5614, CH5616, CH5712 - CH5714, CH5718.

Other information: This course is aimed at those who like Chemistry and were good at it at school, who want the varied training that a Chemistry Degree gives, but who do not wish to be professional Chemists. Up to 30 credits from the 3000 - level and 4000 - level modules listed above can be replaced with modules from other Schools.

Chemical Sciences - Single Honours B.Sc.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year: 10 credits: CH1202;

90 credits: CH2501 **and** CH2601 **and** CH2701 - with passes at grade 11 or better in all.

Third Year: 120 credits: CH3431 **and** CH3441 **and** CH3514 **and** CH3512 **and** CH3521 **and** CH3612 **and** CH3615 **and** CH3621 **and** CH3712 **and** CH3717 **and** CH3721.

Fourth Year: 40 credits: CH4442;

40 credits in four of: CH4514, CH4612, CH4614, CH4714, CH5717;

40 credits in four of: CH4515, CH4613, CH4712, CH4713, CH5516 - CH5518, CH5612 - CH5614, CH5616, CH5712 - CH5714, CH5718.

Other information: This course is aimed at those who like Chemistry and were good at it at school, who want the varied training that a Chemistry Degree gives, but who do not wish to be professional Chemists. Up to 30 credits from the 3000 - level and 4000 - level modules listed above can be replaced with modules from other Schools.

Chemistry - Single Honours B.Sc.

First Year: 60 credits: CH1401 **or** CH1402 **or** CH1601.
 Second Year: 90 credits: CH2501 **and** CH2601 **and** CH2701 - with passes at grade 11 or better in all.
 Third Year: 120 credits: CH3431 **and** CH3441 **and** CH3514 **and** CH3512 **and** CH3521 **and** CH3612 **and** CH3615 **and** CH3621 **and** CH3712 **and** CH3717 **and** CH3721.
 Fourth Year: 50 credits: CH4442 **and** CH4461;
 30 credits: CH4514 **and** CH4614 **and** CH4714;
 20 credits in two of: CH4515, CH4613, CH4712, CH4713;
 20 credits in two of: CH5516 - CH5518, CH5612 - CH5614, CH5616, CH5712-CH5714, CH5718.

Chemistry - Single Honours B.Sc.

Direct entry to second year for approved candidates with 120 advanced standing credits.

Second Year: 10 credits: CH1202;
 90 credits: CH2501 **and** CH2601 **and** CH2701 - with passes at grade 11 or better in all.
 Third Year: 120 credits: CH3431 **and** CH3441 **and** CH3514 **and** CH3512 **and** CH3521 **and** CH3612 **and** CH3615 **and** CH3621 **and** CH3712 **and** CH3717 **and** CH3721.
 Fourth Year: 50 credits: CH4442 **and** CH4461;
 30 credits: CH4514 **and** CH4614 **and** CH4714;
 20 credits in two of: CH4515, CH4613, CH4712, CH4713;
 20 credits in two of: CH5516 - CH5518, CH5612 - CH5614, CH5616, CH5712-CH5714, CH5718.

Chemistry - Joint Honours B.Sc.

Chemistry and Geology - Joint Honours B.Sc.

First Year: 100 credits: CH1401 **and** CH1402 **and** CH1601 **and** ES1001 **and** ES1002.
 Second Year: 90 credits: CH2501 **and** ES2001 **and** ES2002 - with passes at grade 11 or better in all.
 30 credits: CH2601 **or** CH2701.
 Third Year: 120 credits: CH3431 **and** CH3514 **and** CH3521 **and** CH3712 **and** CH3717 **and** CH3721 **and** ES3001 **and** ES3004 **and** ES3006 **and** ES3009.
 Fourth Year: 30 credits in three of: CH4514, CH4614, CH4714, CH4712, CH5711, CH5717;
 50 credits: (ES4010 **with** CH4448) **or** ID4441;
 10 credits: CH5518;
 30 credits in two of: ES3008, ES4006, ES4007, ES4009, ID4001.
 In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

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Chemistry and Mathematics - Joint Honours B.Sc.

Chemistry element of Chemistry and Mathematics Joint Honours B.Sc.:

First Year: 60 credits: CH1401 and CH1402 and CH1601.
Second Year: 60 credits: CH2501 and CH2701 - with passes at grade 11 or better in both.
Third Year: 30 credits in three of: CH3431, CH3512, CH3615, CH3621, CH3717, CH3721;
30 credits: CH3441, CH3514, CH3521, CH3712, CH3715.
Fourth Year: 40 credits: CH4442;
10 credits: CH4514 or CH4614 or CH4612 or CH4714;
10 credits: CH4515 or CH4613 or CH4712 or CH4713.
In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

Chemistry with French - Honours B.Sc.

First Year: 100 credits: CH1401 and CH1402 and CH1601 and FR1001 and FR1002.
Second Year: 20 credits: FR2021;
100 credits: CH2501 and CH2603 and CH2701 and FR2022 - with passes at grade 11 or better in all.
Third Year: 50 credits: CH3441 and FR3001 and FR3002;
70 credits in seven of: CH3431, CH3514, CH3512, CH3521, CH3612, CH3615, CH3621, CH3712, CH3717, CH3721.
Year Abroad: WIYA version only: 60 credits comprising FR3101.
Fourth Year: 70 credits: CH4442 and FR4105 and FR4106;
50 credits in five of: CH4461, CH4514, CH4515, CH4613, CH4614, CH4714, CH4712, CH4713.

Chemistry with Medicinal Chemistry - Single Honours B.Sc.:

First Year: 60 credits: CH1401 and CH1402 and CH1601.
Second Year: 90 credits: CH2501 and CH2601 and CH2701.
Third Year: 120 credits: CH3431 and CH3441 and CH3514 and CH3512 and CH3521 and CH3612 and CH3613 and CH3615 and CH3621 and CH3716 and CH3721.
Fourth Year: 100 credits: CH4442 and CH4461 and CH4514 and CH4614 and CH4612 and CH4613 and CH5611;
20 credits in two of: CH5612 - CH5614, CH5616.

Chemistry with Medicinal Chemistry - Single Honours B.Sc.

Direct entry to second year for approved candidates with 120 advanced standing credits..

Second Year: 10 credits: CH1202;
90 credits: CH2501 and CH2601 and CH2701 - with passes at grade 11 or better in all.
Third Year: 120 credits: CH3431 and CH3441 and CH3514 and CH3512 and CH3521 and CH3612 and CH3613 and CH3615 and CH3621 and CH3716 and CH3721.
Fourth Year: 100 credits: CH4442 and CH4461 and CH4514 and CH4614 and CH4612 and CH4613 and CH5611;
20 credits in two of: CH5612 - CH5614, CH5616.

Chemistry with Pharmacology - Single Honours B.Sc.

First Year:	80 credits: BL1101 and BL1102 and CH1401 and CH1601.
Second Year:	120 credits: BL2101 and BL2104 and CH2501 and CH2601 – with passes at grade 11 or better in all.
Third Year:	40 credits: BL3312 and BL3313; 60 credits: CH3431 and CH3512 and CH3615 and CH3621 and CH3716 and CH3721; 20 credits in two of: CH3441, CH3514, CH3612, CH3613.
Fourth Year:	50 credits: CH4447 and CH4461; 70 credits in seven of: CH4514, CH4515, CH4612 - CH4614, CH4712 - CH4714, CH5611 - CH5614, CH5616.
The project CH4447 will be supervised jointly by staff from Chemistry and Biology.	

Materials Chemistry - Single Honours B.Sc.

First Year:	120 credits: CH1401 and CH1402 and CH1601 and PH1011 and PH1012 and MT1002.
Second Year:	90 credits: CH2501 and CH2601 and CH2701 – with passes of grade 11 or better in all. 30 credits: PH2011 or MT2001 – with a pass at grade 11 or better.
Third Year:	100 credits: CH3441 and CH3513 and CH3712 and CH3715 and CH3717 and CH3722 and PH3074 and PH4039; 20 further credits: CH3000 - CH3999.
Fourth Year:	90 credits: CH4442 and CH4452 and CH4714 and CH4712; 30 further credits: CH4000 - CH5999.

Chemistry - Single Honours M.Chem.

First Year:	60 credits: CH1401 and CH1402 and CH1601.
Second Year:	90 credits: CH2501 and CH2601 and CH2701 - with passes at grade 15 or better in all.
Third Year:	120 credits: CH3431 and CH3441 and CH3514 and CH3512 and CH3521 and CH3612 and CH3615 and CH3621 and CH3712 and CH3717 and CH3721.
Fourth Year:	120 credits: CH4442 and CH4514 and CH4515 and CH4612 and CH4613 and CH4614 and CH4712 and CH4713 and CH4714.
Fifth Year:	80 credits: CH5441 and CH5461 and CH5511 and CH5611 and CH5711. 40 credits in four of: CH5516 - CH5518, CH5612 - CH5614, CH5616, CH5712 - CH5714, CH5717 - CH5718.

Chemistry - Single Honours M.Chem.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	10 credits comprising CH1202; 90 credits: CH2501 and CH2601 and CH2701 - with passes at grade 15 or better in all.
Third Year:	120 credits: CH3431 and CH3441 and CH3514 and CH3512 and CH3521 and CH3612 and CH3615 and CH3621 and CH3712 and CH3717 and CH3721.
Fourth Year:	120 credits: CH4442 and CH4514 and CH4515 and CH4612 and CH4613 and CH4614 and CH4712 and CH4713 and CH4714.
Fifth Year:	80 credits: CH5441 and CH5461 and CH5511 and CH5611 and CH5711 40 credits in four of: CH5516 - CH5518, CH5612 - CH5614, CH5616, CH5712 - CH5714, CH5717 - CH5718.

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Chemistry with External Placement - Single Honours M.Chem.

First Year:	60 credits: CH1401 and CH1402 and CH1601.
Second Year:	90 credits: CH2501 and CH2601 and CH2701 - with passes at 15 or better in all
Third Year:	120 credits: CH3431 and CH3441 and CH3514 and CH3512 and CH3521 and CH3612 and CH3615 and CH3621 and CH3712 and CH3717 and CH3721.
Fourth Year:	120 credits: CH4441 and CH4451.
Fifth Year:	80 credits: CH5441 and CH5461 and CH5511 and CH5611 and CH5711; 40 credits in four of: CH5516 - CH5518, CH5612 - CH5614, CH5616, CH5712 - CH5714, CH5717 - CH5718.

Chemistry with External Placement - Single Honours M.Chem.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	10 credits: CH1202; 90 credits: CH2501 and CH2601 and CH2701 – with passes at grade 15 or better in all.
Third Year:	120 credits: CH3431 and CH3441 and CH3514 and CH3512 and CH3521 and CH3612 and CH3615 and CH3621 and CH3712 and CH3717 and CH3721.
Fourth Year:	120 credits: CH4441 and CH4451.
Fifth Year:	80 credits: CH5441 and CH5461 and CH5511 and CH5611 and CH5711 40 credits in four of: CH5516 - CH5518, CH5612 - CH5614, CH5616, CH5712 - CH5714, CH5717 - CH5718.

Chemistry with French - Honours M.Chem.

First Year:	100 credits: CH1401 and CH1402 and CH1601 and FR1001 and FR1002.
Second Year:	20 credits: FR2021; 20 credits: FR2022 - with a pass at grade 11 or better. 80 credits: CH2501 and CH2603 and CH2701 - with passes at grade 15 or better in all.
Third Year:	50 credits: CH3441 and FR3001 and FR3002; 70 credits in seven of: CH3431, CH3514, CH3512, CH3521, CH3612, CH3615, CH3621, CH3712, CH3717, CH3721.
Fourth Year:	100 credits: CH4442 and CH4514 and CH4614 and CH4714 and FR5810; 20 credits in two of: CH4515, CH4613, CH4712, CH4713.
Fifth Year:	80 credits: CH5441 and CH5461 and FR4105 and FR4106; 40 credits in four of: CH5511, CH5516 - CH5518, CH5611 - CH5614, CH5616, CH5711 - CH5714, CH5717 - CH5718.

Chemistry with French and External Placement - Honours M.Chem.

First Year:	100 credits: CH1401 and CH1402 and CH1601 and FR1001 and FR1002.
Second Year:	20 credits: FR2021; 20 credits: FR2022 - with a pass at grade 11 or better. 80 credits: CH2501 and CH2603 and CH2701 - with passes at grade 15 or better in all.
Third Year:	50 credits: CH3441 and FR3001 and FR3002; 70 credits in seven of: CH3431, CH3514, CH3512, CH3521, CH3612, CH3615, CH3621, CH3712, CH3717, CH3721.
Fourth Year:	120 credits: CH4441 and FR5810.
Fifth Year:	80 credits: CH5441 and CH5461 and FR4105 and FR4106; 40 credits in four of: CH5511, CH5516 - CH5518, CH5611 - CH5614, CH5616, CH5711 - CH5714, CH5717 - CH5718.

Chemistry with Mathematics - Single Honours M.Chem.

First Year:	80 credits: CH1401 and CH1402 and CH1601 and MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i>
Second Year:	90 credits: CH2501 and CH2701 and MT2001 - with passes at grade 15 or better in all; 30 credits: MT2002 (for Pure Maths options) or MT2003 (for Applied Maths options).
Third Year (Chemistry):	20 credits: CH3441; 60 credits in six of: CH3431, CH3514, CH3512, CH3521, CH3615, CH3621, CH3712, CH3715, CH3717, CH3721;
Fourth Year (Chemistry):	40 credits: CH4442; 30 credits in three of: CH4514, CH4515, CH4614, CH4612, CH4613, CH4714, CH4712, CH4713;
Third and Fourth Years (Maths):	30 credits in two of: MT3501, MT3503, MT3504; 15 credits: MT3600 or MT3601; 45 further credits: MT3000 - MT4598, MT4600 - MT4999.
Fifth Year:	90 credits: CH5441 and CH5461 and CH5711 and CH5712 and CH5713 and CH5714; 30 credits in three of: CH5511, CH5516 - CH5518, CH5611 - CH5616, CH5717 - CH5718.

Chemistry with Medicinal Chemistry - Single Honours M.Chem.

First Year:	60 credits: CH1401 and CH1402 and CH1601.
Second Year:	90 credits: CH2501 and CH2601 and CH2701 - with passes at grade 15 or better in all.
Third Year:	120 credits: CH3431 and CH3441 and CH3514 and CH3512 and CH3521 and CH3612 and CH3613 and CH3615 and CH3621 and CH3716 and CH3721.
Fourth Year:	120 credits: CH4442 and CH4514 and CH4515 and CH4612 and CH4613 and CH4614 and CH4714 and CH5612 and CH5614.
Fifth Year:	120 credits: CH5441 and CH5461 and CH5511 and CH5516 and CH5517 and CH5518 and CH5611 and CH5613 and CH5616.

Chemistry with Medicinal Chemistry - Single Honours M.Chem.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	10 credits: CH1202; 90 credits: CH2501 and CH2601 and CH2701 - with passes at grade 15 or better in all.
Third Year:	120 credits: CH3431 and CH3441 and CH3514 and CH3512 and CH3521 and CH3612 and CH3613 and CH3615 and CH3621 and CH3716 and CH3721.
Fourth Year:	120 credits: CH4442 and CH4514 and CH4515 and CH4612 and CH4613 and CH4614 and CH4714 and CH5612 and CH5614.
Fifth Year:	120 credits: CH5441 and CH5461 and CH5511 and CH5516 and CH5517 and CH5518 and CH5611 and CH5613 and CH5616.

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Chemistry with Medicinal Chemistry and External Placement - Single Honours M.Chem.

First Year:	60 credits: CH1401 and CH1402 and CH1601.
Second Year:	90 credits: CH2501 and CH2601 and CH2701 - with passes at grade 15 or better in all.
Third Year:	120 credits: CH3431 and CH3441 and CH3514 and CH3512 and CH3521 and CH3612 and CH3613 and CH3615 and CH3621 and CH3716 and CH3721.
Fourth Year:	120 credits: CH4441 and CH4451.
Fifth Year:	120 credits: CH5441 and CH5461 and CH5511 and CH5611 and CH5612 and CH5613 and CH5614 and CH5615 and CH5616.

Chemistry with Medicinal Chemistry and External Placement - Single Honours M.Chem.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	10 credits: CH1202; 90 credits: CH2501 and CH2601 and CH2701 - with passes at grade 15 or better in all.
Third Year:	120 credits: CH3431 and CH3441 and CH3514 and CH3512 and CH3521 and CH3612 and CH3613 and CH3615 and CH3621 and CH3716 and CH3721.
Fourth Year:	120 credits: CH4441 and CH4451.
Fifth Year:	120 credits: CH5441 and CH5461 and CH5511 and CH5611 and CH5612 and CH5613 and CH5614 and CH5615 and CH5616.

Chemistry and Physics - Joint Honours M.Sci.

First Year:	100 credits: CH1401 and CH1402 and MT1002 and PH1011 and PH1012. <i>(Permission may be granted for suitably-qualified students to be exempted from PH1011 and/or PH1012 and to take some 2000-level PH credits in First Year.)</i>
Second Year:	150 credits: CH2501 and CH2701 and MT2001 and PH2011 and PH2012 - with passes at grade 15 or better in all.
Third or Fourth Year*:	120 credits: CH3431 and CH3441 and CH3512 and CH3514 and CH3615 and CH3712 and CH3717 and CH3721 and CH4712 and CH4713 and CH4714.
Third or Fourth Year*:	120 credits: PH3007 and PH3012 and PH3061 and PH3062 and PH3082 and PH3101 and PH4022 and PH4037 and PH4039.
Fifth Year:	EITHER 60 credits: PH5101; 15 further credits in one of: PH5000 - PH5999; 30 credits in three of: CH5518, CH5711 - CH5714, CH5717 - CH5718; 15 further credits: CH5000 - CH5999, PH5000 - PH5999. OR 40 credits from CH5441; 30 credits: PH5000 - PH5999; 30 credits: CH5518, CH5711 - CH5714, CH5717 - CH5718; 20 further credits: CH5000 - CH5999, PH5000 - PH5999.

* This will be decided between the two Schools and notified to students.

Materials Chemistry - Single Honours M.Chem.

First Year:	120 credits: CH1401 and CH1402 and CH1601 and PH1011 and PH1012 and MT1002.
Second Year:	90 credits: CH2501 and CH2601 and CH2701 - with passes at grade 15 or better in all; 30 credits: PH2011 or MT2001 - with a pass at grade 15 or better.
Third Year:	120 credits: CH3441 and CH3513 and CH3712 and CH3715 and CH3717 and CH3722 and CH4714 and CH4712 and PH3074 and PH4039.
Fourth Year:	100 credits: CH3514 and CH4442 and CH4452 and CH4515 and CH4713; 20 credits in two of: CH3512, CH3612, CH3613, CH3615, CH4514.
Fifth Year:	110 credits: CH5441 and CH5518 and CH5711 and CH5712 and CH5713 and CH5716 and CH5717 and CH5718; 10 credits: PH5208 or PH5022.

Materials Chemistry with External Placement - Single Honours M.Chem.

First Year:	120 credits: CH1401 and CH1402 and CH1601 and PH1011 and PH1012 and MT1002.
Second Year:	90 credits: CH2501 and CH2601 and CH2701 - with passes at grade 15 or better in all. 30 credits: PH2011 or MT2001 - with a pass at grade 15 or better.
Third Year:	120 credits: CH3441 and CH3513 and CH3712 and CH3715 and CH3717 and CH3722 and CH4714 and CH4712 and PH3074 and PH4039.
Fourth Year:	120 credits: CH4441 and CH4452.
Fifth Year:	110 credits: CH5441 and CH5518 and CH5711 and CH5712 and CH5713 and CH5716 and CH5717 and CH5718; 10 credits: PH5208 or PH5022.

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Chemistry (CH) Modules

CH1202 Introductory Chemistry				
SCOTCAT Credits:	10	SCQF Level 7	Semester:	1
Planned timetable:	9.00 am or 10.00 am			
This module provides an introduction to some of the fundamental aspects of Chemistry and is primarily aimed at students entering the Chemistry B.Sc. and M.Chem. courses directly into second year. The module will cover structure and bonding in inorganic chemistry, states of matter and an introduction to thermodynamics and the solid state in physical chemistry and bonding, stereochemistry and reaction mechanisms in organic chemistry.				
Programme module type:	Compulsory for second year entry to Biomolecular Science, Chemistry, Chemistry with Medicinal Chemistry, Chemistry with External Placement, Chemistry with Medicinal Chemistry and External Placement, Chemical Sciences			
Anti-requisite(s):	CH1401, CH1402, CH1601	Required for:	CH2601, CH2602, CH2603, CH2701	
Learning and teaching methods and delivery:	Weekly contact: 2 lectures.			
	Scheduled learning: 30 hours		Guided independent study: 70 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: Written Examination = 100%			
Module Co-ordinator:	Dr F M Gray			
Lecturer(s)/Tutor(s):	Prof P Lightfoot, Professor P C J Kamer, Dr N J Westwood, Dr M L Clarke, Dr F M Gray, Dr J B O Mitchell, Dr T Van Mourik			

CH1301 The Impact of Chemistry				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	12.00 noon			
This module explores the impact that Chemistry has on all our lives and all aspects of society. Starting with the chemical origins of life in the primordial soup, it will explore fuel and energy, the great challenge of global warming, forensic chemistry, chemistry and the environment, and chemistry in food production.				
Programme module type:	Optional for all qualified students			
Pre-requisite(s):	Standard Grade or GCSE Chemistry (Students with no formal qualification in chemistry may be admitted but should expect to undertake additional tutorial work and private study)			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures and 1 group project hour.			
	Scheduled learning: 56 hours		Guided independent study: 144 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 70%, Practical Examinations = 20%, Coursework = 10%			
	As used by St Andrews: Coursework = 10%, Practical Examination = 20%, Written Examination = 70%			
Module Co-ordinator:	Dr R A Aitken			
Lecturer(s)/Tutor(s):	Dr R A Aitken, Dr S E M Ashbrook, Prof D J Cole-Hamilton, Dr P A Connor, Dr T K Smith, Professor J H Naismith, Dr J A Crayston			

CH1401 Introductory Inorganic and Physical Chemistry				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	11.00 am			
The module includes lectures on the origin of the elements, atoms and the Periodic Table, shapes and properties of molecules, chemistry of the elements, states of matter, thermochemistry, thermodynamics and kinetics.				
Programme module type:	Compulsory for Biomolecular Science, all Degrees involving Chemistry			
Pre-requisite(s):	Higher or A-Level Chemistry at Grade B or above			
Anti-requisite(s):	CH1202	Required for:	CH1402	
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and a 3-hour practical.			
	Scheduled learning: 82 hours		Guided independent study: 118 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	Dr C J Baddeley			
Lecturer(s)/Tutor(s):	Prof P A Wright, Dr C J Baddeley, Dr J A Crayston, Professor J D Woollins, Dr P Kilian			

CH1402 Inorganic and Physical Chemistry 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	10.00 am			
The module includes lectures on bonding in simple molecules, inorganic solids, chemistry of the first row transition metals, properties of solids, properties of solutions and introductory spectroscopy.				
Programme module type:	Compulsory for Chemical Sciences, all Degrees involving Chemistry (except Biomolecular Science, Chemistry with Pharmacology)			
Pre-requisite(s):	CH1401 or Higher or A-Level Chemistry at Grade B or above			
Anti-requisite(s):	CH1202	Required for:	CH2701	
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and a 3-hour practical.			
	Scheduled learning: 82 hours		Guided independent study: 118 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	Prof P Lightfoot			
Lecturer(s)/Tutor(s):	Dr F D Morrison, Dr F M Gray, Dr G Haehner, Prof P C J Kamer, Professor P Lightfoot, Dr B E Bode			

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CH1601 Organic and Biological Chemistry 1			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 2
Planned timetable:	11.00 am		
The module includes lectures on the structure, stereochemistry and nomenclature of simple organic compounds, fundamental organic reaction mechanisms, organic functional groups and their reactions, introductory bioorganic chemistry, and organic spectroscopy.			
Programme module type:	Compulsory for Biomolecular Science, all Degrees involving Chemistry (except Chemistry and Physics, Materials Chemistry)		
Pre-requisite(s):	Higher or A-Level Chemistry at Grade B or above		
Anti-requisite(s):	CH1202	Required for:	CH2601, CH2602, CH2603
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and a 3-hour practical.		
	Scheduled learning: 80 hours	Guided independent study: 120 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 5%, Coursework = 35%		
	As used by St Andrews: Coursework = 35%, Practical Examination = 5%, Written Examination = 60%		
Module Co-ordinator:	Dr I A Smellie		
Lecturer(s)/Tutor(s):	Prof D Philp, Prof J H Naismith, Dr A D Smith		

CH2201 A First Course in Organic Chemistry			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 1
Planned timetable:	10.00 am		
This module is an introductory course in Organic Chemistry. It covers aspects of structure, bonding and stereochemistry in Organic Chemistry. The syllabus includes the chemistry of alkanes, simple cycloalkanes, alkenes and alkynes together with functional group chemistry, largely that of singly-bonded functional groups. The chemistry is discussed and rationalised with reference to reaction mechanisms. The lecture course is complemented by a laboratory course.			
Programme module type:	Non-graduating students only		
Anti-requisite(s):	CH1202, CH1601		
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 2 seminars, 1 tutorial, 1 or 2 practical classes. In addition a total of 3 or 4 half-day visits to hospitals.		
	Scheduled learning: 85 hours	Guided independent study: 115 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 15%, Coursework = 25%		
	As used by St Andrews: Coursework = 25%, Practical Examination = 15%, Written Examination = 60%		
Module Co-ordinator:	Prof D Philp		
Lecturer(s)/Tutor(s):	Dr H Mitchell		

CH2501 Inorganic Chemistry 2				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	11.00 am			
The module includes lectures on metal complexes and organometallics, descriptive transition-metal chemistry, atmospheric chemistry, green chemistry, solid-state chemistry and descriptive main-group chemistry.				
Programme module type:	Compulsory for Biomolecular Sciences, all Degrees involving Chemistry			
Pre-requisite(s):	CH1402 or Advanced Higher Chemistry or A-Level Chemistry			
Co-requisite(s):	CH1202 if Direct entrant to 2000-level	Required for:	CH3513	
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial and 5 hours of practicals.			
	Scheduled learning: 105 hours		Guided independent study: 195 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 5%, Coursework = 35%			
	As used by St Andrews: Coursework = 35%, Practical Examination = 5%, Written Examination = 60%			
Module Co-ordinator:	Dr J A Crayston			
Lecturer(s)/Tutor(s):	Prof P G Bruce, Dr J A Crayston, Professor D J Cole-Hamilton, Dr P Kilian, Dr R T Baker, Professor R E Morris			

CH2601 Organic Chemistry 2				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	12.00 noon			
The module includes lectures on carbon-carbon bond formation, interconversion of functional groups, aromatic and heteroaromatic reactivity, mechanistic biological chemistry, organic spectroscopy and organic polymer chemistry.				
Programme module type:	Compulsory for Biomolecular Science, Chemical Sciences, Chemistry, Chemistry with External Placement, Chemistry with Medicinal Chemistry, Chemistry with Medicinal Chemistry and External Placement. Either CH2601 or CH2701 is compulsory for Chemistry and Geology			
Pre-requisite(s):	CH1601 (or Advanced Higher Chemistry or A-Level Chemistry + CH1202 if Direct entrant to 2000-level)			
Anti-requisite(s):	CH2602, CH2603			
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial and 5 hours of practicals.			
	Scheduled learning: 115 hours		Guided independent study: 185 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 5%, Coursework = 35%			
	As used by St Andrews: Coursework = 35%, Practical Examination = 5%, Written Examination = 60%			
Module Co-ordinator:	Dr A D Smith			
Lecturer(s)/Tutor(s):	Dr A D Smith, Dr G J Florence, Prof J H Naismith, Dr M L Clarke			

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CH2603 Organic Chemistry 2 (French)				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	To be arranged.			
The module includes lectures on carbon-carbon bond formation, interconversion of functional groups, aromatic and heteroaromatic reactivity, mechanistic biological chemistry, organic spectroscopy and organic polymer chemistry.				
Programme module type:	Compulsory for Chemistry with French, Chemistry with French and External Placement			
Pre-requisite(s):	CH1601 (or Advanced Higher Chemistry or A-Level Chemistry + CH1202 if Direct entrant to 2000-level)			
Anti-requisite(s):	CH2601, CH2602	Co-requisite(s):	FR2022	
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 tutorial and 5 hours of practicals.			
	Scheduled learning: 76 hours		Guided independent study: 124 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 5%, Coursework = 35%			
	As used by St Andrews: Coursework = 35%, Practical Examination = 5%, Written Examination = 60%			
Module Co-ordinator:	Dr A D Smith			
Lecturer(s)/Tutor(s):	Dr A D Smith, Dr G J Florence, Prof J H Naismith, Dr M L Clarke			

CH2701 Physical Chemistry 2				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	11.00 am			
The module includes lectures on quantum mechanics, thermodynamics and electrochemistry, kinetics, molecular spectroscopy and diffraction and mathematical tools for chemistry.				
Programme module type:	Compulsory for Chemical Sciences, Chemistry, Chemistry and Mathematics, Chemistry with External Placement, Chemistry with French, Chemistry with French and External Placement, Chemistry with Medicinal Chemistry, Materials Chemistry, Chemistry with Mathematics, Chemistry with Medicinal Chemistry and External Placement, Chemistry and Physics, Materials Chemistry with External Placement Either CH2601 or CH2701 is compulsory for Chemistry and Geology			
Pre-requisite(s):	CH1402 (or Advanced Higher Chemistry or A-Level Chemistry + CH1202 if Direct entrant to 2000-level)			
Required for:	CH3712			
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial and 5 hours of practicals.			
	Scheduled learning: 123 hours		Guided independent study: 177 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 5%, Coursework = 35%			
	As used by St Andrews: Coursework = 35%, Practical Examination = 5%, Written Examination = 60%			
Module Co-ordinator:	Prof W Zhou			
Lecturer(s)/Tutor(s):	Dr G Haehner, Prof P A Wright, Dr F M Gray, Dr S E M Ashbrook, Dr R Schaub			

School of Classics

Including: Ancient History, Classical Studies, Greek and Latin

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Ancient History - Single Honours M.A.

First Year:	40 credits: AN1001 and AN1002.
Second Year:	40 credits in two of: AN2002, AN2003, CL2003, CL2004 - with passes at grade 11 or better in both.
Third and Fourth Years:	60 credits: AN4000 - AN4989; 150 further credits: AN4000 - AN4989, CL4000 - CL4989 except that students may, with permission of the Heads of School concerned, substitute up to 30 of these credits with 3000- or 4000-level credits in another subject or school. 30 credits: CL4999 - in Fourth Year only.

Ancient History - Joint Honours M.A.

Ancient History and one of: Art History, Biblical Studies, Comparative Literature, Economics, Film Studies, French^w, German^w, Greek, Italian^w, Latin, Mathematics, Social Anthropology, Spanish^w
^w Available also as 'With Integrated Year Abroad' degree

Ancient History element of Joint Honours M.A.:

First Year:	40 credits: AN1001 and AN1002.
Second Year:	40 credits in two of: AN2002, AN2003, CL2003, CL2004 - with passes at grade 11 or better in both.
Third and Fourth Years:	60 credits: AN4000 - AN4989; At least 30 further credits: AN4000 - AN4989, CL4000 - CL4989, (CL4999 - in Fourth Year only).
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Classics - 1000 & 2000 Level 2012/13 - September 2012

Ancient History - Triple Honours M.A.

Modern Languages (two languages) and Ancient History^W

The possible two language combinations are: French-German, French-Italian, French-Russian^R, French-Spanish, German-French, German-Italian, German-Russian^R, German-Spanish, Italian-French, Italian-German, Italian-Russian^R, Italian-Spanish, Russian-French^R, Russian-German^R, Russian-Italian^R, Russian-Spanish^R, Spanish-French, Spanish-German, Spanish-Italian, Spanish-Russian^R

^R Combinations including Ancient History and Russian are only available to non-beginners in Russian

^W Available also as 'With Integrated Year Abroad' degree

Ancient History element of Modern Languages (two languages) and Ancient History

M.A. Honours:

First Year: 40 credits: AN1001 and AN1002.

Second Year: 40 credits in two of: AN2002, AN2003, CL2003, CL2004 - with passes at grade 11 or better in both.

Third and Fourth Years:

Between 60 and 90 credits: AN4000 - AN4989, CL4999.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Ancient History & Archaeology - Single Honours M.A.

First Year: 40 credits: AN1001 and AN1002.

Second Year: 40 credits in two of: AN2002, AN2003, CL2003, CL2004 - with passes at grade 11 or better in both.

Third and Fourth Years:

30 credits: AN3020 - in Third Year only;

90 credits AN4117, AN4121, AN4125, AN4127, AN4130, AN4145, AN4147, AN4149, AN4151, CL4424, CL4442, (one of ME3014 - ME3497);

90 further credits: AN4000 - AN4989, CL4000 - CL4989, except that students may, with permission of both Heads of School, substitute 30 of these credits with 3000 - level or 4000 - level credits in another subject or school;

30 credits: CL4999 - in Fourth Year only.

Classical Studies - Single Honours M.A.

First and Second Years: **EITHER**

40 credits: CL1004 and CL1005;

40 credits in two of: AN2002, AN2003, CL2003, CL2004, GK2001 - GK2004, LT2001 - LT2004.

OR

40 credits: CL2003 and CL2004;

40 credits in two of: AN1001, AN1002, AN2002, AN2003, CL1004, CL1005, GK1001 - GK1006, GK2001 - GK2004, LT1001 - LT1004, LT2001 - LT2004.

Passes at grade 11 or better must be obtained in at least two 2000-level AN, CL, GK or LT modules.

Third and Fourth Years:

120 credits: CL4000 - CL4989;

90 further credits: AN4000 - AN4989, CL4000 - CL4989, except that students may, with permission of both Heads of School, substitute 30 of these credits with 3000 - level or 4000 - level credits in another subject or School;

30 credits: CL4999 - in Fourth Year only.

Classical Studies - Joint Honours M.A.

Classical Studies and one of: Art History, Biblical Studies^T, Comparative Literature, English, Film Studies, French^W, Geography, Greek, International Relations, Italian^W, Latin, Mathematics, Mediaeval History, Middle East Studies, Modern History, New Testament, Philosophy, Scottish History, Social Anthropology, Theological Studies

^T Timetable clash exists therefore this combination is subject to arrangement between the two departments

^W Available also as 'With Integrated Year Abroad' degree

Classical Studies element of Joint M.A. Honours:

First and Second Years: **EITHER**

40 credits: CL1004 **and** CL1005;

40 credits in two of: AN2002, AN2003, CL2003, CL2004, GK2001 - GK2004, LT2001 - LT2004.

OR

40 credits: CL2003 **and** CL2004;

40 credits in two of: AN1001, AN1002, AN2002, AN2003, CL1004, CL1005, GK1001 - GK1006, GK2001 - GK2004, LT1001 - LT1004, LT2001 - LT2004.

Passes at grade 11 or better must be obtained in at least two 2000-level AN, CL, GK or LT modules.

Third and Fourth Years:

60 credits: CL4000 - CL4989, (CL4999 - in Fourth Year only).

At least 30 further credits: AN4000 - AN4989, CL4000 - CL4989.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Classical Studies - Triple Honours M.A.

Modern Languages (two languages) and Classical Studies^W

The possible two language combinations are: French-Italian, French-Russian, French-Spanish, Italian-French, Italian-Russian, Italian-Spanish, Russian-French, Russian-Italian, Russian-Spanish, Spanish-French, Spanish-Italian, Spanish-Russian

^W Available also as 'With Integrated Year Abroad' degree

Classical Studies element of Modern Languages (two languages) and Classical Studies M.A. Honours:

First and Second Years: **EITHER**

40 credits: CL1004 **and** CL1005;

40 credits in two of: AN2002, AN2003, CL2003, CL2004, GK2001 - GK2004, LT2001 - LT2004.

OR

40 credits: CL2003 **and** CL2004;

40 credits in two of: AN1001, AN1002, AN2002, AN2003, CL1004, CL1005, GK1001 - GK1006, GK2001 - GK2004, LT1001 - LT1004, LT2001 - LT2004.

Passes at grade 11 or better must be obtained in at least two 2000-level AN, CL, GK or LT modules.

Third and Fourth Years:

Between 60 and 90 credits: CL4000 - CL4999.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Classics - 1000 & 2000 Level 2012/13 - September 2012

Classics - Single Honours M.A.

EITHER

First Year: 40 credits: (GK1001 **with** GK1002) **or** (GK1005 **with** GK1006);

40 credits: (LT1001 **with** LT1002) **or** (LT1003 **with** LT1004);

Second Year: 40 credits: (GK2001 **with** GK2002) **or** (GK2003 **with** GK2004) - with a pass at grade 11 or better in at least one of these;

40 credits: (LT2001 **with** LT2002) **or** (LT2003 **with** LT2004) - with a pass at grade 11 or better in at least one of these.

Third and Fourth Years:

60 credits: GK4000 - GK4999;

60 credits: LT4000 - LT4999;

30 further credits: GK4000 - GK4989; LT4000 - LT4999;

90 further credits: AN4000 - AN4989, CL4000 - CL4989, GK4000 - GK4989, LT4000 - LT4989, (DI4705 **or** DI4726), except that students may, with permission of the Heads of School concerned, substitute up to 30 of these credits with 3000- or 4000-level credits in another subject or school.

(continued on next page)

Classics - Single Honours M.A. (continued)

OR

First Year: 40 credits: GK1001 **and** GK1002.
 Second Year: 40 credits: GK2003 **and** LT1001;
 20 credits: GK2004 - with a pass at grade 11 or better;
 20 credits: LT1002 - with a pass at grade 11 or better.
 Third Year: 60 credits LT3017 **and** LT3018;
 30 credits: GK4000 - GK4989;
 30 further credits: AN4000 - AN4989, CL4000 - CL4989, GK4000 - GK4989.
 Fourth Year: 30 credits: LT4000 - LT4989
 Further credits: GK4000 - GK4999 if necessary, to a total of at least 60 credits from this range across Third and Fourth Years;
 Further credits: GK4000 - GK4999, LT4000 - LT4999 if necessary, to a total of at least 120 credits from these ranges across Third and Fourth Years;
 Further credits: AN4000 - AN4989, CL4000 - CL4989, GK4000 - GK4989, LT4000 - LT4999 if necessary, to a total of 180 credits from these ranges across Third and Fourth Years, except that students may, with permission of the Heads of School concerned, substitute up to 30 of these credits with 3000- or 4000-level credits in another subject or school.

OR

First Year: 40 credits: LT1001 **and** LT1002.
 Second Year: 40 credits: LT2003 **and** GK1001;
 20 credits: LT2004 - with a pass at grade 11 or better;
 20 credits: GK1002 - with a pass at grade 11 or better.
 Third Year: 60 credits GK3021 **and** GK3022;
 30 credits: LT4000 - LT4989;
 30 further credits: AN4000 - AN4989, CL4000 - CL4989, LT4000 - LT4989.
 Fourth Year: 30 credits: GK4000 - GK4989
 Further credits: LT4000 - LT4999 if necessary, to a total of at least 60 credits from this range across Third and Fourth Years;
 Further credits: GK4000 - GK4999, LT4000 - LT4999 if necessary, to a total of at least 120 credits from these ranges across Third and Fourth Years;
 Further credits: AN4000 - AN4989, CL4000 - CL4989, GK4000 - GK4999, LT4000 - LT4989 if necessary, to a total of 180 credits from these ranges across Third and Fourth Years, except that students may, with permission of the Heads of School concerned, substitute up to 30 of these credits with 3000- or 4000-level credits in another subject or school.

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Classics - Joint Honours M.A.

Classics and one of: Comparative Literature, English, French^W, Italian^W, Management, Philosophy, Social Anthropology, Spanish^W

^W Available also as 'With Integrated Year Abroad' degree

First Year: 40 credits: (GK1001 **with** GK1002) **or** (GK1005 **with** GK1006);
40 credits: (LT1001 **with** LT1002) **or** (LT1003 **with** LT1004);

Second Year: 40 credits: (GK2001 **with** GK2002) **or** (GK2003 **with** GK2004) - with a pass at grade 11 or better in at least one of these;

40 credits: (LT2001 **with** LT2002) **or** (LT2003 **with** LT2004) - with a pass at grade 11 or better in at least one of these.

Third and Fourth Years:

30 credits: GK4000 - GK4989;

30 credits: LT4000 - LT4989;

30 further credits: GK4000 - GK4989, LT4000 - LT4989, (GK4999 **or** LT4999 - in Fourth Year only);

30 further credits: AN4000 - AN4989, CL4000 - CL4989, GK4000 - GK4989, LT4000 - LT4989.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Greek - Single Honours M.A.

First Year: 40 credits: (GK1001 **with** GK1002) **or** (GK1005 **with** GK1006);

Second Year: 40 credits: (GK2001 **with** GK2002) **or** (GK2003 **with** GK2004) - with a pass at grade 11 or better in at least one of these.

Third and Fourth Years:

At least 30 credits: (GK4998 **or** GK4999) - in Fourth Year only;

Further credits: GK4000 - GK4989, to a total of at least 150 credits in 4000 - level GK modules;

Further credits: AN4000 - AN4989, CL4000 - CL4989, GK4000 - GK4989, LT4000 - LT4989 if necessary, to a total of 240 credits across Third and Fourth Years, except that students may, with permission of the Heads of School concerned, substitute up to 30 of these credits with 3000- or 4000-level credits in another subject or school.

Greek - Joint Honours M.A.

Greek and one of: Ancient History, Art History, Biblical Studies, Classical Studies, Comparative Literature, English, French^W, Hebrew, Italian^W, Latin^N, New Testament, Philosophy, Social Anthropology, Spanish^W

^N Not available to entrants from 2013-14 - choose Classics instead

^W Available also as 'With Integrated Year Abroad' degree

Greek element of Joint M.A. Honours:

EITHER

First Year: 40 credits: (GK1001 **with** GK1002) **or** (GK1005 **with** GK1006);

Second Year: 40 credits: (GK2001 **with** GK2002) **or** (GK2003 **with** GK2004) - with a pass at grade 11 or better in at least one of these.

Third and Fourth Years:

Up to 60 credits: (GK4998 **or** GK4999) - in Fourth Year only;

Further credits: GK4000 - GK4989, to a total of at least 90 credits in 4000-level GK modules;

Further credits: AN4000 - AN4989, CL4000 - CL4989, GK4000 - GK4989, LT4000 - LT4989 to a total of at least 120 credits in 4000-level AN, CL, GK and LT modules.

OR*

Second Year: 20 credits: GK1001;

20 credits: GK1002 - with a pass at grade 11 or better

Third Year: 60 credits: GK3021 **and** GK3022.

Fourth Year: 60 credits: GK4000 - GK4999.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

* This alternative pathway is available only to those who have taken First and Second Year beginners' Latin and passed both GK1002 and LT2004 with a grade of 11 or better.

Greek - Triple Honours M.A.

Modern Languages (two languages) and Greek^W

The possible two language combinations are: French-German^G, French-Italian, French-Spanish, German-French^G, German-Italian^G, German-Spanish^G, Italian-French, Italian-German^G, Italian-Spanish, Spanish-French, Spanish-German^G, Spanish-Italian

^G Available only to non-beginners in German

^W Available also as 'With Integrated Year Abroad' degree

Greek element of Modern Languages (two languages) and Greek M.A. Honours:

First Year: 40 credits: (GK1001 **with** GK1002) **or** (GK1005 **with** GK1006);

Second Year: 40 credits: (GK2001 **with** GK2002) **or** (GK2003 **with** GK2004) - with a pass at grade 11 or better in at least one of these.

Third and Fourth Years:

Between 60 and 90 credits: GK4000 - GK4999.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

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Latin - Single Honours M.A.

First Year: 40 credits: (LT1001 **with** LT1002) **or** (LT1003 **with** LT1004);
Second Year: 40 credits: (LT2001 **with** LT2002) **or** (LT2003 **with** LT2004) - with a pass at grade 11 or better in at least one of these.
Third and Fourth Years:
30 credits: LT4999 - in Fourth Year only;
120 credits: LT4000 - LT4989;
90 further credits: AN4000 - AN4989, CL4000 - CL4989, GK4000 - GK4989, LT4000 - LT4989, except that students may, with permission of the Heads of School concerned, substitute up to 30 of these credits with 3000- or 4000-level credits in another subject or school.

Latin - Joint Honours M.A.

Latin and one of: Ancient History, Arabic^W, Classical Studies, Comparative Literature, English, French^W, Greek^N, Hebrew, Italian^W, Mathematics, Mediaeval History, Middle East Studies, Modern History, New Testament, Philosophy, Russian^W, Social Anthropology, Spanish^W

^N Not available to entrants from 2013-14 - choose Classics instead

^W Available also as 'With Integrated Year Abroad' degree

Latin element of Joint Honours M.A.:

EITHER

First Year: 40 credits: (LT1001 **with** LT1002) **or** (LT1003 **with** LT1004);
Second Year: 40 credits: (LT2001 **with** LT2002) **or** (LT2003 **with** LT2004) - with a pass at grade 11 or better in at least one of these.
Third and Fourth Years:
90 credits: LT4000 - LT4989, (LT4999 - in Fourth Year only);
Further credits: AN4000 - AN4989, CL4000 - CL4989, GK4000 - GK4989, LT4000 - LT4989 to a total of at least 120 credits in 4000 - level AN, CL, GK and LT modules.

OR*

Second Year: 20 credits: LT1001;
20 credits: LT1002 - with a pass at grade 11 or better
Third Year: 60 credits: LT3017 **and** LT3018.
Fourth Year: 60 credits: LT4000 - LT4999.
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

* This alternative pathway is available only to those who have taken First and Second Year beginners' Greek and passed both LT1002 and GK2004 with a grade of 11 or better.

Latin - Triple Honours M.A.

Modern Languages (two languages) and Latin^w

The possible two language combinations are: French-German, French-Italian, French-Russian, French-Spanish, German-French^B, German-Italian^B, German-Russian^B, German-Spanish^B, Italian-French, Italian-German^B, Italian-Russian, Italian-Spanish, Russian-French, Russian-German^B, Russian-Italian, Russian-Spanish, Spanish-French, Spanish-German^B, Spanish-Italian, Spanish-Russian

^B Only available to beginners in German

^w Available also as 'With Integrated Year Abroad' degree

Latin element of Modern Languages (two languages) and Latin - Honours M.A.:

First Year: 40 credits: (LT1001 **with** LT1002) **or** (LT1003 **with** LT1004);

Second Year: 40 credits: (LT2001 **with** LT2002) **or** (LT2003 **with** LT2004) - with a pass at grade 11 or better in at least one of these.

Third and Fourth Years:

Between 60 and 90 credits: LT4000 - LT4999.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Ancient History (AN) Modules

AN1001 Greek History to Alexander the Great				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	11.00 am			
This module provides a broad survey of ancient Greek History from the Archaic period (c. 800 BC) to the reign of Alexander the Great, and looks at the political development of Athens and Sparta, the impact of the Athenian Empire, and Greek culture in its heyday. Alexander's conquest of the east and his fascinating personality are studied in detail. All sources are read in translation. The module will give a solid background in Greek History, and will touch on wider issues of the nature of democracy and political power, Mediterranean anthropology, and the image of the Greeks that has been invented by modern scholars.				
Programme module type:	Compulsory for all Ancient History Degrees. Optional for all Classical Studies Degrees, History			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures each week and 6 tutorials across the semester.			
	Scheduled learning: 39 hours		Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr S Lewis			
Lecturer(s)/Tutor(s):	Team taught			

AN1002 Roman History from Foundation to Empire				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	11.00 am			
This module will consider the rise of Rome to world power from humble beginnings, examining the political, cultural and economic consequences of her imperialism. The module will consider in detail the social conditions which allowed Rome to sustain her enormous military burden, and the way that a multitude of factors came together to attack and finally destroy the Republican government of Rome. The module will conclude with an account of the first Roman emperor, Augustus. All sources will be in translation, and the module will give a solid background in Roman history of the Republic as well as touching on wider issues of legal and constitutional theory and cultural interaction.				
Programme module type:	Compulsory for all Ancient History Degrees Optional for all Classical Studies Degrees, History			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures each week and 6 tutorials across the semester.			
	Scheduled learning: 39 hours		Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr F Racine			
Lecturer(s)/Tutor(s):	Team taught			

AN2002 The Roman Empire				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	4.00 pm Tue and 4.00 pm Thu.			
The Roman empire, at its height in the first and second centuries AD, extended from Hadrian's Wall to beyond the Euphrates. This module studies the Roman empire with particular reference both to social, religious and economic changes as well as to political and military history and concludes with a brief look at the 'crisis' of the third century. Close attention is paid to original sources in translation.				
Programme module type:	Optional for Ancient History, all Classical Studies Degrees, History			
Pre-requisite(s):	Either 40 credits in 1000-level History modules (AN, ME, MO, or SC) or 20 credits of 1000-level Ancient History (AN) and 20 credits of 1000-level Classical Studies (CL) modules.			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures per week and 8 tutorials across the semester.			
	Scheduled learning: 30 hours		Guided independent study: 170 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr J Coulston			
Lecturer(s)/Tutor(s):	Team taught			

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AN2003 Mediterranean Communities			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 2
Planned timetable:	4.00 pm Tue and 4.00 pm Thu.		
<p>This module deals with the human settlement and material culture of the entire Mediterranean World throughout classical antiquity. Over its long span - that covers much of the first millennium BCE and the first millennium CE - the Mediterranean was transformed from a world of tiny peasant and tribal communities first into a world of cities. Urbanism, diasporic colonisation and the appearance of complex societies and states were followed by regional hegemonies, then empires and finally a single world empire centred on Rome. This story is the rise and fall of classical civilisation and it emerges more clearly through material culture than any other evidence.</p>			
Programme module type:	Optional for Ancient History, all Classical Studies Degrees, History, Mediaeval History, Mediaeval History and Archaeology		
Pre-requisite(s):	Either 40 credits in 1000-level History modules (AN, ME, MO, or SC) or 20 credits of 1000-level Ancient History (AN) and 20 credits of 1000-level Classical Studies (CL) modules.		
Learning and teaching methods and delivery:	Weekly contact: 2 lectures per week and 8 tutorials across the semester.		
	Scheduled learning: 30 hours	Guided independent study: 170 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%		
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%		
Module Co-ordinator:	Dr M Lavan		
Lecturer(s)/Tutor(s):	Team taught		

Classics (CL) Modules

CL1004 Myth and Community in Ancient Greek Literature and Culture				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	12.00 noon			
<p>This module explores some of the most dynamic literary and artistic achievements of archaic and classical Greek culture. Using a twin focus on myth and on ideas of community, the module ranges across Homeric epic, Athenian tragedy, Aristophanic comedy, and the writings of intellectuals; it studies the relationship between texts and images in the expression of cultural values; and it examines a series of major themes in Greek views of identity, morality, politics and religion. The module is meant both for student who intend to take Honours Classical Studies and for those who want a fascinating introduction to the poetry and art of the ancient Greek world. It is intended to be complemented by CL1005.</p>				
Programme module type:	Optional for all Classical Studies Degrees			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures each week and 6 tutorials across the semester.			
	Scheduled learning: 39 hours		Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr A Long			
Lecturer(s)/Tutor(s):	Team taught			

CL1005 Images of Augustan Rome				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	12.00 noon			
<p>This module studies a range of literary works that were written during the lifetime of the first emperor, Augustus, and that react in different ways to the new regime that he established. A central theme of the module is the development of the architecture and public art of the city of Rome during this period, and the different ways in which the city features in the literature of the time. The module is complementary to CL1004, and is meant both for students who intend to take Honours Classical Studies or Ancient History and for those who want a general survey of these aspects of Greco-Roman legacy.</p>				
Programme module type:	Optional for all Classical Studies Degrees			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures per week and 6 tutorials across the semester.			
	Scheduled learning: 39 hours		Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr N Wiater			
Lecturer(s)/Tutor(s):	Team taught			

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CL2003 Early Greek Poetry and Philosophy				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	9.00 am			
Early Greece is the age of beautiful poetry and cutting-edge philosophy. The module explores the diversity of early Greek thought at the crossroads of poetry and philosophy, starting with Hesiod's struggle to re-order the world of gods and humans. We then consider the exciting literary and intellectual experiments of the successors of Hesiod and Homer, who saw poetry as a way of writing philosophy, exploring love and attacking enemies. Authors to be studied include Sappho, Theognis, Solon, Xenophanes and Empedocles. All texts will be studied in translation.				
Programme module type:	Optional for all Ancient History, Classical Studies Degrees			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures each week and 8 tutorials across the semester.			
	Scheduled learning: 30 hours		Guided independent study: 170 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr A Long			
Lecturer(s)/Tutor(s):	Dr A Long, Dr N Wiater			

CL2004 Culture and Thought in the Late Roman Republic				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	9.00 am			
From the seething passions of Catullus' poetry, through Lucretius' poetic treatise On the Nature of Things, to the stylish rhetoric of Cicero, the module aims to set the main literary texts of the Late Roman Republic against the broader backdrop of Roman art, culture and social life. All prescribed texts will be studied in translation.				
Programme module type:	Optional for all Ancient History, Classical Studies Degrees			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures each week and 8 tutorials across the semester.			
	Scheduled learning: 30 hours		Guided independent study: 170 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr E Buckley			
Lecturer(s)/Tutor(s):	Team taught			

Greek (GK) Modules

GK1001 Greek Language for Beginners				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	10.00 am			
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.				
Programme module type:	Optional for all Classics, Classical Studies, Greek Degrees			
Anti-requisite(s):	GK1005	Required for:	DI2201, DI4613, DI4615, GK1002	
Learning and teaching methods and delivery:	Weekly contact: 4 classes.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 100%, Practical Examination = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 50% (4 class tests), 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr J Coderch			
Lecturer(s)/Tutor(s):	Dr J Coderch			

GK1002 Greek Literature for Beginners				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	10.00 am			
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.				
Programme module type:	Optional for all Classics, Classical Studies, Greek Degrees			
Pre-requisite(s):	GK1001, or equivalent knowledge of Greek.			
Anti-requisite(s):	GK1006	Required for:	GK2003, GK3021, GK3022	
Learning and teaching methods and delivery:	Weekly contact: 4 classes			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 100%, Practical Examination = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 50% (4 class tests), 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr J Coderch			
Lecturer(s)/Tutor(s):	Dr J Coderch			

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GK1005 Greek Language and Literature 1			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Planned timetable:	10.00 am		
<p>This module is designed for students who have already taken ancient Greek to Higher, A level or equivalent standard. Set texts for this module will be studied in the original Greek prose and verse. Classes will cover both detailed study of the set texts and linguistic/translation exercises designed to enhance students' knowledge of Greek. The overall aims of the module are to build up the confidence of students in reading and interpreting Greek literature in its historical and cultural context. Students will read one work of Greek prose and one work of Greek verse.</p>			
Programme module type:	Optional for all Classics, Classical Studies, Greek Degrees		
Pre-requisite(s):	Higher or A-level Greek or equivalent.		
Anti-requisite(s):	GK1001	Required for:	GK1006
Learning and teaching methods and delivery:	Weekly contact: 3 or 4 classes.		
	Scheduled learning: 37 hours	Guided independent study: 163 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%		
	As used by St Andrews: Coursework = 50% (essay, 20%; 3 class tests, 30%), 2-hour Written Examination = 50%		
Module Co-ordinator:	Dr J Coderch		
Lecturer(s)/Tutor(s):	Team taught		

GK1006 Greek Language and Literature 2			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 2
Planned timetable:	10.00 am		
<p>Set texts for this module, which is designed to follow on from GK1005 and shares the same overall aims as it, will be studied in the original Greek prose and verse. Classes will cover both detailed study of the set texts and linguistic/translation exercises designed to enhance students' knowledge of Greek. Current set texts are a law-court speech by Demosthenes, written for a remarkable criminal trial, and a selection from early Greek elegiac poetry.</p>			
Programme module type:	Optional for all Classical Studies, Classics, Greek Degrees		
Pre-requisite(s):	GK1005, Higher or A-level Greek or equivalent.		
Anti-requisite(s):	GK1002	Required for:	GK2001
Learning and teaching methods and delivery:	Weekly contact: 3 or 4 classes.		
	Scheduled learning: 38 hours	Guided independent study: 162 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%		
	As used by St Andrews: Coursework = 50% (essay, 20%; 3 class tests, 30%), 2-hour Written Examination = 50%		
Module Co-ordinator:	Dr J Coderch		
Lecturer(s)/Tutor(s):	Team taught		

GK2001 Greek Narrative and Dialogue (A)				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	10.00 am			
<p>This module, designed to follow on from GK1006, studies texts taken from two major areas of Greek literature, epic narrative (Homer) and comic prose dialogue (Lucian), and illustrates the creative scope and vitality of the Greek literary tradition over a period of almost a millennium. The set texts will be studied in the original Greek. Classes will cover both detailed study of the set texts in their cultural context and linguistic/translation exercises designed to enhance students' knowledge of Greek. The module as a whole is carefully structured so as to integrate linguistic progress with widened horizons in the student's knowledge of Greek literature.</p>				
Programme module type:	Optional for all Classical Studies, Classics, Greek Degrees			
Pre-requisite(s):	GK1006		Anti-requisite(s):	GK2003
Required for:	GK2002			
Learning and teaching methods and delivery:	Weekly contact: 3 or 4 classes.			
	Scheduled learning: 36 hours		Guided independent study: 164 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%			
	As used by St Andrews: Coursework = 50% (essay, 20%, 3 class tests, 30%), 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr J König			
Lecturer(s)/Tutor(s):	Dr J König			

GK2002 Greek Pastoral and Passion (A)				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	10.00 am			
<p>This module, designed to follow on from GK2001, offers a carefully balanced combination of literary and linguistic study. It introduces two new areas of Greek literature, between which there are interesting and historically influential thematic connections: bucolic or pastoral poetry (the Idylls of Theocritus) and the romantic novel (Longus). The set texts will be studied in the original Greek. Classes will cover both detailed study of the set texts in their cultural context and linguistic/translation exercises designed to enhance students' knowledge of Greek.</p>				
Programme module type:	Optional for all Classical Studies, Classics, Greek Degrees			
Pre-requisite(s):	GK2001		Anti-requisite(s):	GK2004
Learning and teaching methods and delivery:	Weekly contact: 3 or 4 classes.			
	Scheduled learning: 36 hours		Guided independent study: 164 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%			
	As used by St Andrews: Coursework = 50% (essay, 20%, 3 class tests, 30%), 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr J Hesk			
Lecturer(s)/Tutor(s):	Team taught			

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GK2003 Greek Narrative and Dialogue (B)			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 1
Planned timetable:	10.00 am		
<p>This module, designed to follow on from GK1002, studies texts taken from two major areas of Greek literature, epic narrative (Homer) and comic prose dialogue (Lucian), and illustrates the creative scope and vitality of the Greek literary tradition over a period of almost a millennium. The set texts will be studied in the original Greek. Classes will cover both detailed study of the set texts in their cultural context and linguistic/translation exercises designed to enhance students' knowledge of Greek. The module as a whole is carefully structured so as to integrate linguistic progress with widened horizons in the student's knowledge of Greek literature.</p>			
Programme module type:	Optional for all Classical Studies, Classics, Greek Degrees		
Pre-requisite(s):	GK1002	Anti-requisite(s):	GK2001
Required for:	GK2004		
Learning and teaching methods and delivery:	Weekly contact: 3 or 4 classes.		
	Scheduled learning: 41 hours	Guided independent study: 159 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%		
	As used by St Andrews: Coursework = 50% (essay, 20%, 3 class tests, 30%), 2-hour Written Examination = 50%		
Module Co-ordinator:	Dr J König		
Lecturer(s)/Tutor(s):	Team taught		

GK2004 Greek Pastoral and Passion (B)			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 2
Planned timetable:	10.00 am		
<p>This module, designed to follow on from GK2003, offers a carefully balanced combination of literary and linguistic study. It introduces two new areas of Greek literature, between which there are interesting and historically influential thematic connections: bucolic or pastoral poetry (the Idylls of Theocritus) and the romantic novel (Longus). The set texts will be studied in the original Greek. Classes will cover both detailed study of the set texts in their cultural context and linguistic/translation exercises designed to enhance students' knowledge of Greek.</p>			
Programme module type:	Optional for all Classical Studies, Classics, Greek Degrees		
Pre-requisite(s):	GK2003	Anti-requisite(s):	GK2002
Required for:	LT3017		
Learning and teaching methods and delivery:	Weekly contact: 3 or 4 classes.		
	Scheduled learning: 36 hours	Guided independent study: 164 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%		
	As used by St Andrews: Coursework = 50% (essay, 20%, 3 class tests, 30%), 2-hour Written Examination = 50%		
Module Co-ordinator:	Dr J Hesk		
Lecturer(s)/Tutor(s):	Team taught		

Latin (LT) Modules

LT1001 Elementary Latin 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	3.00 pm			
This module provides a systematic introduction to the Latin language, concentrating on morphology, vocabulary, and basic syntax, and will enable students to read simplified Latin texts and translate sentences from Latin into English and vice versa. It is complemented by LT1002, and will thus give access to Latin at higher levels, but it may also be taken by students whose main interests lie in other areas, such as histories, foreign languages and English. It is also suitable for students who have taken some Latin previously, but not to Higher or A Level, or who have taken Higher or A Level Latin on reduced time.				
Programme module type:	Optional for all Classical Studies, Classics, Latin Degrees			
Anti-requisite(s):	LT1003	Required for:	LT1002	
Learning and teaching methods and delivery:	Weekly contact: 4 classes.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 100%, Practical Examination = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 50% (4 class tests), 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr J Coderch			
Lecturer(s)/Tutor(s):	Dr J Coderch			

LT1002 Elementary Latin 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	3.00 pm			
This module builds on the work done in LT1001, and its function is to develop knowledge of Latin morphology, syntax and vocabulary and to enable students to read Latin texts. Together with LT1001 it may form a basis for Latin at higher levels, but it will also be useful to students of the histories, foreign languages, English and other subjects. There will be lectures on selected poems of Catullus at the end of the module.				
Programme module type:	Optional for all Classical Studies, Classics, Latin Degrees			
Pre-requisite(s):	LT1001	Anti-requisite(s):	LT1004	
Required for:	LT2003, LT3017			
Learning and teaching methods and delivery:	Weekly contact: 4 classes.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 100%, Practical Examination = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 50% (4 class tests), 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr J Coderch			
Lecturer(s)/Tutor(s):	Dr J Coderch			

Classics - 1000 & 2000 Level 2012/13 - September 2012

LT1003 World of Latin 1			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Planned timetable:	3.00 pm		
The aims of this module, like LT1004, are to enhance understanding of Latin grammar and syntax, to increase vocabulary, to give a basic understanding of style, and to develop skills in translating and interpreting literary texts. A selection of classical Latin texts are studied, and student are encouraged and assisted to practice reading independently and in extenso. There will be tutorials to support this work and to help with the translation and appreciation of these and other Latin prose and verse authors.			
Programme module type:	Optional for all Classical Studies, Classics, Latin Degrees		
Pre-requisite(s):	Higher or A-Level Latin	Anti-requisite(s):	LT1001
Required for:	LT1004		
Learning and teaching methods and delivery:	Weekly contact: 2 - 4 classes.		
	Scheduled learning: 34 hours	Guided independent study: 166 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%		
	As used by St Andrews: Coursework = 40% (2 literary criticisms, 20%; 2 class tests, 20%), 2-hour Written Examination = 60%		
Module Co-ordinator:	Dr R Rees		
Lecturer(s)/Tutor(s):	Team taught		

LT1004 World of Latin 2			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 2
Planned timetable:	3.00 pm		
This module aims to build on the skills acquired in LT1003, and to introduce students to a wider range of Latin literature. Texts studied may include early or mediaeval Latin, as well as classical literature.			
Programme module type:	Optional for all Classical Studies, Classics, Latin Degrees		
Pre-requisite(s):	LT1003	Anti-requisite(s):	LT1002
Required for:	LT2001		
Learning and teaching methods and delivery:	Weekly contact: 2 - 4 classes.		
	Scheduled learning: 34 hours	Guided independent study: 166 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%		
	As used by St Andrews: Coursework = 40% (2 literary criticism, 20%, 2 class tests, 20%), 2-hour Written Examination = 60%		
Module Co-ordinator:	Dr E Buckley		
Lecturer(s)/Tutor(s):	Team taught		

LT2001 Latin Language and Literature 1				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	2.00 pm			
The aim of this module is to foster the student's acquaintance with classical Latin and to explore both prose and verse authors. The authors chosen may vary from year to year. Particular attention is paid to the development of their ideas, literary styles, and genres. There will be lectures on the authors set, seminars to discuss broader themes within the module, and tutorials to monitor and assist progress in study of the language and interpretation of the literature.				
Programme module type:	Optional for all Classical Studies, Classics, Latin Degrees			
Pre-requisite(s):	LT1004		Anti-requisite(s):	LT2003
Required for:	LT2002, LT4203			
Learning and teaching methods and delivery:	Weekly contact: 2 - 4 classes			
	Scheduled learning: 34 hours		Guided independent study: 166 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%			
	As used by St Andrews: Coursework = 40% (essay, 20%; 2 class tests, 20%), 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr R Rees			
Lecturer(s)/Tutor(s):	Team taught			

LT2002 Latin Language and Literature 2				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	2.00 pm			
In complement to the programme of LT2001, this module aims to consolidate the student's command of the language in preparation for study at Honours level, and in literature brings the student to further genres and authors, in prose and verse. There will be lectures on the authors set, seminars on broader themes, and, as in LT2001, tutorials to monitor and assist progress in study of the language and interpretation of the literature.				
Programme module type:	Optional for all Classical Studies, Classics, Latin Degrees			
Pre-requisite(s):	LT2001		Anti-requisite(s):	LT2004
Required for:	LT4203			
Learning and teaching methods and delivery:	Weekly contact: 2 - 4 classes			
	Scheduled learning: 34 hours		Guided independent study: 166 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%			
	As used by St Andrews: Coursework = 40% (essay, 20%; 2 class tests, 20%), 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr E Buckley			
Lecturer(s)/Tutor(s):	Team taught			

Classics - 1000 & 2000 Level 2012/13 - September 2012

LT2003 Latin in Progress 1			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 1
Planned timetable:	2.00 pm		
Texts and topics for this module will be similar to those for LT2001, but the length of texts and methods of study will be appropriate to the needs of students who have done the beginners' modules LT1001 and LT1002.			
Programme module type:	Optional for all Classical Studies, Classics, Latin Degrees		
Pre-requisite(s):	LT1002	Anti-requisite(s):	LT2001
Required for:	LT2004, LT4203		
Learning and teaching methods and delivery:	Weekly contact: 2 - 4 classes per week, plus 5 hours of additional support classes.		
	Scheduled learning: 39 hours	Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%		
	As used by St Andrews: Coursework = 40% (1 literary criticism, 20%; 2 class tests, 20%), 2-hour Written Examination = 60%		
Module Co-ordinator:	Dr R Rees		
Lecturer(s)/Tutor(s):	Team taught		

LT2004 Latin in Progress 2			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 2
Planned timetable:	2.00 pm		
In this module the same prescribed texts and topics will be studied as in LT2002, but the length of texts and methods of study will be appropriate to the needs of students who have done the beginners' modules LT1001 and LT1002.			
Programme module type:	Optional for all Classical Studies, Classics, Latin Degrees		
Pre-requisite(s):	LT2003	Anti-requisite(s):	LT2002
Required for:	GK3021, LT4203		
Learning and teaching methods and delivery:	Weekly contact: 3 classes.		
	Scheduled learning: 34 hours	Guided independent study: 166 hours	
Assessment pattern:	As defined by QAA: Written Examination = 80%, Practical Examination = 0%, Coursework = 20%		
	As used by St Andrews: Coursework = 40% (1 literary criticism, 20%, 2 class tests, 20%), 2-hour Written Examination = 60%		
Module Co-ordinator:	Dr E Buckley		
Lecturer(s)/Tutor(s):	Team taught		

School of Computer Science

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

M.Sci. Honours

The general requirements are 600 credits over a period of normally five years (and not more than six years) or part-time equivalent, the final three years of which form an approved Honours programme of 360 credits, of which 120 credits are at 5000 level and at least 210 credits are at 3000 and 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Computer Science - Single Honours B.Sc.

First Year:	40 credits: CS1002 and CS1004.
Second Year:	60 credits: CS2001 and CS2002 - with passes at grade 11 or better in both.
Third Year:	60 credits: CS3050 - CS3099; 60 credits: CS3100 - CS3399.
Fourth Year:	45 credits: CS4052 and CS4099; 75 credits: up to 30 credits from CS3100 - CS3399, CS5010 - CS5089, ID4001; remaining credits from CS4100 - CS4999.

Computer Science - Single Honours B.Sc.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	70 credits: CS2002 and CS2101 - with passes at grade 11 or better in both.
Third Year:	60 credits: CS3050 - CS3099; 60 credits: CS3100 - CS3399.
Fourth Year:	45 credits: CS4052 and CS4099; 75 credits: up to 30 credits from CS3100 - CS3399, CS5010 - CS5089, ID4001; remaining credits from CS4100 - CS4999.

Computer Science - 1000 & 2000 Level 2012/3 - August 2012

Computer Science - Joint Honours B.Sc.

Computer Science and one of: Economics, Logic & Philosophy of Science, Management, Management Science, Mathematics, Physics, Psychology or Statistics

Computer Science element of Joint Honours B.Sc.

(except Computer Science and Psychology (with BPS recognition)):

First Year: 40 credits: CS1002 **and** CS1004.

Second Year: 60 credits: CS2001 **and** CS2002 - with passes at grade 11 or better in both.

Third Year: 45 credits: CS3051 **and** CS3052 **and** CS3099;

15 credits: CS3053 **or** CS3100 - CS3999.

Fourth Year: 30 credits: CS4052 **and** CS4098;

30 credits: up to 15 credits from CS3100 - CS3399, CS5010 - CS5089, ID4001; remaining credits from CS4100 - CS4999.

In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

Computer Science element of Computer Science and Psychology -

Joint Honours B.Sc (with BPS recognition):

First Year: 40 credits: CS1002 **and** CS1004.

Second Year: 60 credits: CS2001 **and** CS2002 - with passes at grade 11 or better in both.

Third Year: 15 credits: CS3051 **or** CS3099;

30 further credits: CS3000 - CS3399.

Fourth Year: 15 credits: CS4098;

30 credits: up to 15 credits from CS5010 - CS5089; remaining credits from CS4050 - CS4999.

In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

Computer Science - Single Honours M.Sci.

First Year: 40 credits: CS1002 **and** CS1004.

Second Year: 60 credits: CS2001 **and** CS2002 - with passes at grade 15 or better in both.

Third Year: 60 credits: CS3050 - CS3099;

60 credits: CS3100 - CS3399

Fourth Year: 45 credits: CS4052 **and** CS4099;

75 credits: CS3100 - CS3399, CS4100 - CS4999, CS5010 - CS5089, ID4001

Fifth Year: 60 credits: CS5199;

60 further credits: CS3100 - CS3399, CS4100 - CS4999, CS5010 - CS5089, ID5059.

In total, 360 credits must be achieved at 3000, 4000 and 5000 level, with at least 90 of these at 4000 level and at least 120 at 5000 level.

Computer Science - Single Honours M.Sci.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year: 70 credits: CS2002 **and** CS2101 - with passes at grade 15 or better in both.

Third Year: 60 credits: CS3050 - CS3099;

60 credits: CS3100 - CS3399

Fourth Year: 45 credits: CS4052 **and** CS4099;

75 credits: CS3100 - CS3399, CS4100 - CS4999, CS5010 - CS5089, ID4001

Fifth Year: 60 credits: CS5199;

60 further credits: CS3100 - CS3399, CS4100 - CS4999, CS5010 - CS5089, ID5059.

In total, 360 credits must be achieved at 3000, 4000 and 5000 level, with at least 90 of these at 4000 level and at least 120 at 5000 level.

Internet Computer Science - Single Honours B.Sc.

First Year: 40 credits: CS1002 and CS1004.
 Second Year: 90 credits: CS2001 and CS2002 and CS2003 - with passes at grade 11 or better in all.
 Third Year: 45 credits: CS3102 and CS3301 and CS3302;
 60 credits: CS3050 - CS3099;
 15 further credits: CS3100 - CS3399.
 Fourth Year: 45 credits: CS4103 and CS4203 and CS4302;
 45 credits: CS4052 - CS4099;
 30 further credits: CS3100 - CS3399, CS4100 - CS4999, CS5010 - CS5089, ID4001.

Internet Computer Science - Single Honours B.Sc.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year: 100 credits: CS2002 and CS2003 and CS2101 - with passes at grade 11 or better in all.
 Third Year: 45 credits: CS3102 and CS3301 and CS3302;
 60 credits: CS3050 - CS3099;
 15 credits: CS3100 - CS3399.
 Fourth Year: 45 credits: CS4103 and CS4203 and CS4302;
 45 credits: CS4052 and CS4099;
 30 further credits: CS3100 - CS3399, CS4100 - CS4999, CS5010 - CS5089, ID4001.

Internet Computer Science - Joint Honours B.Sc.

Internet Computer Science and either Economics^N or Mathematics^N
^N These programmes are only available to those already enrolled on them.

Internet Computer Science element of Joint Honours B.Sc.:

First Year: 40 credits: CS1002 and CS1004.
 Second Year: 90 credits: CS2001 and CS2002 and CS2003 - with passes at grade 11 or better in all.
 Third Year: 15 credits: CS3099;
 15 credits: CS3300 - CS3399;
 30 further credits: CS3051, CS3100 - CS3199, CS3300 - CS3399.
 Fourth Year: 15 credits: CS4076 - CS4099;
 15 credits: CS4300 - CS4399;
 15 further credits: CS4100 - CS4199, CS4300 - CS4399;
 15 further credits: CS3000 - CS4999.

In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Computer Science (CS) Modules

CS1002 Computer Science				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	10.00 am			
This module provides an introduction to object-oriented modeling and programming, using UML and Java. No previous programming experience is assumed.				
Programme module type:	Compulsory for Computer Science B.Sc., Internet Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Pre-requisite(s):	Mathematics (Higher or A-Level at Grade B or better)	Anti-requisite(s):	CS2101	
Required for:	CS1004, CS1006, CS2001, CS2006			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 1 x 3-hour practical class.			
	Scheduled learning: 88 hours		Guided independent study: 112 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	cs1000.coord@cs.st-andrews.ac.uk			

CS1004 Internet Programming				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	10.00 am			
This module provides an introduction to concepts in networked computing: client-server architectures, addressing, protocols and networking technologies. It also develops the use of Java for programming networked and web applications.				
Programme module type:	Compulsory for Computer Science B.Sc., Internet Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Pre-requisite(s):	CS1002	Anti-requisite(s):	CS2101	
Required for:	CS2001			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 1 x 3-hour practical class.			
	Scheduled learning: 88 hours		Guided independent study: 112 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	cs1000.coord@cs.st-andrews.ac.uk			

CS1005 Computer Science in Everyday Life				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	12.00 noon			
This module introduces key ideas of Computer Science through examination of the working of devices and services which are part of modern everyday life, such as search engines, personal music players, mobile telephones and social networking sites. Students are led to develop an understanding of some fundamentals of Computer Science, as well as gaining transferable skills in critical reading, research in the technical literature and essay writing.				
Programme module type:	Optional for Computer Science B.Sc., Internet Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	cs1000.coord@cs.st-andrews.ac.uk			

CS1006 Programming Projects				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	11.00 am			
This module reinforces key Java programming skills gained in CS1002, by means of a series of coursework assignments posed as mini-projects. These are designed to offer increasing depth and scope for creativity as the module progresses.				
Programme module type:	Optional for Computer Science B.Sc., Internet Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Pre-requisite(s):	CS1002			
Learning and teaching methods and delivery:	Weekly contact: 1 lecture per fortnight, 1 tutorial and 2 x 3-hour practical class.			
	Scheduled learning: 83 hours		Guided independent study: 117 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	cs1000.coord@cs.st-andrews.ac.uk			

Computer Science - 1000 & 2000 Level 2012/3 - August 2012

CS2001 Foundations of Computation				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	9.00 am			
This module introduces the fundamental algorithms, data structures and ideas about formal languages lying at the heart of modern software, and develops skills in programming and analysis.				
Programme module type:	CS2101 or CS2001 is compulsory for Computer Science B.Sc., Internet Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Pre-requisite(s):	CS1002, CS1004	Anti-requisite(s):	CS2101	
Required for:	CS2002, CS2003, CS3051, CS3052, CS3053, CS3099, CS3101, CS3102, CS3104, CS3105, CS3106, CS3301, CS3302			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 2 x 3-hour practical class.			
	Scheduled learning: 121 hours		Guided independent study: 179 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	cs2000.coord@cs.st-andrews.ac.uk			

CS2002 Advanced Computer Science				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	9.00 am			
This module develops skills in programming in C, systems programming, digital logic and low-level computer organisation.				
Programme module type:	Compulsory for Computer Science B.Sc., Internet Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Pre-requisite(s):	CS2001 or CS2101			
Required for:	CS3051, CS3052, CS3053, CS3099, CS3101, CS3102, CS3104, CS3105, CS3106, CS4201, CS4202, CS4203			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 2 x 3-hour practical class.			
	Scheduled learning: 121 hours		Guided independent study: 179 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	cs2000.coord@cs.st-andrews.ac.uk			

CS2003 Advanced Internet Programming				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	11.00 am			
This module explores further concepts and abstractions for Internet programming. Students are introduced to distributed computing models, server-side and client-side computing. Issues in building distributed Internet applications are practically illustrated through programming in Java and JavaScript.				
Programme module type:	Compulsory for Internet Computer Science B.Sc. Optional for Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Pre-requisite(s):	CS2001 or CS2101			
Required for:	CS3102, CS3301, CS3302			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 2 x 3-hour practical class.			
	Scheduled learning: 121 hours		Guided independent study: 179 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	cs2000.coord@cs.st-andrews.ac.uk			

CS2006 Advanced Programming Projects				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	11.00 am			
This module introduces the functional and dynamic programming paradigms, using languages such as Haskell and Python. Understanding is reinforced through extensive practical exercises.				
Programme module type:	Optional for Computer Science B.Sc., Internet Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Pre-requisite(s):	CS1002			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 2 x 3-hour practical classes.			
	Scheduled learning: 121 hours		Guided independent study: 179 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	cs2000.coord@cs.st-andrews.ac.uk			

Computer Science - 1000 & 2000 Level 2012/3 - August 2012

CS2101 Foundations of Computation (Accelerated)				
SCOTCAT Credits:	40	SCQF Level 8	Semester:	1
Availability restrictions:	Available only to direct second year entrants.			
Planned timetable:	To be arranged.			
This module is an accelerated version of CS2001. It includes necessary background material from CS1002 and CS1004, as well as the same content of CS2001.				
Programme module type:	CS2101 or CS2001 is compulsory for Computer Science B.Sc., Internet Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Anti-requisite(s):	CS1002, CS1004, CS2001			
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 2 tutorials and 3 x 3-hour practical classes.			
	Scheduled learning: 176 hours		Guided independent study: 224 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	cs2000.coord@cs.st-andrews.ac.uk			

Information Technology (IS) Modules

IS1101 Information and Communication Technologies				
SCOTCAT Credits:	10	SCQF Level 7	Semester:	2
Planned timetable:	12.00 noon Mon and Tue.			
This module provides an intensive practically oriented introduction to Information and Communication Technologies, covering aspects from a range of topics including the internet, web basics, word processing, graphics and presentation software.				
Programme module type:	Optional for Computer Science B.Sc., Internet Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and 1 x 3-hour practical class.			
	Scheduled learning: 55 hours		Guided independent study: 45 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	is1000.coord@cs.st-andrews.ac.uk			

IS1102 Computers and Society				
SCOTCAT Credits:	10	SCQF Level 7	Semester:	2
Planned timetable:	12.00 noon Wed and Fri.			
This module considers the use of computer systems from a technical, legal and ethical perspective, providing a grounding in the professional and social aspects of using computers and ICT.				
Programme module type:	Optional module for Computer Science B.Sc., Internet Computer Science B.Sc., Joint Computer Science degrees, Computer Science M.Sci.			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and 1 tutorial.			
	Scheduled learning: 33 hours		Guided independent study: 67 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	is1000.coord@cs.st-andrews.ac.uk			

School of Divinity

Including: Ancient History, Classical Studies, Greek and Latin

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Other Information: In the case of students who spend part of the Honours programme abroad on a recognised Exchange Scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

**** IMPORTANT NOTES ****

Students entering Fourth Year (Senior Honours) of any programme in 2012-13 should see the appropriate 2011-12 Course Catalogue entry for the requirements to complete their Honours programme. The code for the 30-credit dissertation module has changed from DI4501 to DI4498.

Biblical Studies - Single Honours M.A.

First Year:	40 credits: DI1003 and DI1006; 20 credits: DI1004 or DI1005.
Second Year:	40 credits: DI2001 and DI2003 - with passes at grade 11 or better in both. 20 credits: DI2002 or DI2201.
Third Year:	30 credits: DI3711 or DI3712; 30 credits in two of: DI3713 - DI3715; 60 credits: DI4600 - DI4749, DI4750 - DI4789.
Fourth Year:	60 credits: DI4499; 60 further credits: DI4600 - DI4749, DI4750 - DI4789, (DI4015 with ID4002)

Divinity - 1000 & 2000 Level 2012/13 - September 2012

Biblical Studies - Joint Honours M.A.

Biblical Studies and one of: Ancient History, Art History, Classical Studies, Comparative Literature, Economics, English, Film Studies, French^W, German^{WT}, Greek, Hebrew, International Relations, Mathematics, Mediaeval History, Philosophy

^W Available also as 'With Integrated Year Abroad' degree

^T Timetable clash exists therefore this combination is subject to arrangement between the two departments

Biblical Studies element of Joint Honours M.A.:

First Year: 40 credits: DI1003 **and** DI1006;
20 credits: DI1004 **and** DI1005.

Second Year: 40 credits: DI2001 **and** DI2003 - with passes at grade 11 or better in both.
20 credits: DI2002 **or** DI2201.

Third Year: 30 credits: DI3711 **or** DI3712;
30 credits: DI3713 - DI3715, DI4600 - DI4749, DI4750 - DI4789.

Fourth Year: 60 credits: DI4499;

or

60 further credits: DI4600 - DI4749, DI4750 - DI4789, (DI4015 **with** ID4002), if a 4000-level dissertation or comparable independent research project is taken in the other Honours subject.

Divinity - Single Honours B.D.

First Year: 80 credits comprising DI1001, DI1012, DI1003, DI1006.

Second Year: 40 credits with passes at 11 or better from DI2000, DI2001, DI2003, DI2006;
20 further credits from DI2000, DI2001, DI2003, DI2006;
20 further credits from DI2000, DI2001, DI2002, DI2003, DI2006, DI2201 (PY2001 AND PY2002), PY2003, PY2004, (PY2101 AND PY2102) or any other 2000-level module in a cognate subject area with the permission of the Head of School.

Third Year: 30 credits comprising (DI3701 and DI3702) or (DI3711 and DI3712);
30 credits comprising DI4498;
60 credits from DI4600 - DI4989;
30 further credits from DI4600 - DI4989 (or from a cognate subject area with the permission of the Head of School of Divinity and any other School involved).

Hebrew - Joint Honours M.A.

Hebrew and one of: Arabic^W, Art History, Biblical Studies, Comparative Literature, English, French^W, Geography, Greek, Latin, Mathematics, Middle East Studies, New Testament, Russian^W

^W Available also as 'With Integrated Year Abroad' degrees

Hebrew element of Joint Honours M.A.:

First Year: 40 credits: DI1003 **and** DI1004.

Second Year: 40 credits: DI2001 **and** DI2002 - with passes at grade 11 or better in both.

Third Year: 30 credits: DI3711 **or** DI3712;
30 credits: DI3713 - DI3715, DI4700 - DI4749, DI4750 - DI4789.

Fourth Year: 60 credits: DI4499;

or

60 further credits: DI4700 - DI4749, DI4750 - DI4789, (DI4015 **with** ID4002), if a 4000-level dissertation or comparable independent research project is taken in the other Honours subject.

New Testament - Joint Honours M.A.

New Testament and one of: Classical Studies, German^W, Greek, Hebrew, Latin, Modern History
^W Available also as 'With Integrated Year Abroad' degree

New Testament element of Joint Honours M.A.

First Year: 40 credits: DI1005 **and** DI1006.
 Second Year: 40 credits: DI2201 **and** a pass at 11 or better in DI2003.
 Third Year: 30 credits: DI3711 **and** DI3712;
 30 credits: DI3713 - DI3715, DI4600 - DI4699, DI4750 - DI4789.
 Fourth Year: 60 credits: DI4499;
or
 60 further credits: DI4600 - DI4699, DI4750 – DI4789, (DI4015 **with** ID4002), if a 4000-level dissertation or comparable independent research project is taken in the other Honours subject.

Theological Studies Single Honours M.A.

First Year: 40 credits: DI1001 **and** DI1012.
 Second Year: 40 credits: DI2000 **and** DI2006 - with passes at grade 11 or better in both.
 Third Year: 30 credits: DI3701 **and** DI3702;
 30 credits in two of: DI3703 - DI3705;
 60 credits: DI4800 - DI4989, DI4750 - DI4789.
 Fourth Year: 60 credits: DI4499;
 60 further credits: DI4800 - DI4989, DI4750 - DI4789, (DI4015 **with** ID4002).

Theological Studies - Joint Honours M.A.

Theological Studies and one of: Classical Studies, English, Film Studies, French^W, Geography, German^W, International Relations^T, Mathematics, Mediaeval History^T, Modern History, Philosophy, Psychology, Russian^W, Social Anthropology, Spanish^W
^W Available also as 'With Integrated Year Abroad' degree
^T Timetable clash exists, combination subject to arrangement by both Departments

Theological Studies element of M.A. Joint Honours

First Year: 40 credits: DI1001 **and** DI1012.
 Second Year: 40 credits: DI2000 **and** DI2006 - with passes at grade 11 or better in both.
 Third Year: 30 credits: DI3701 **and** DI3702;
 30 credits: DI3703 - DI3705, DI4750 - DI4789, DI4800 - DI4989.
 Fourth Year: 60 credits: DI4499;
or
 60 further credits: DI4750 - DI4789, DI4800 - DI4989, (DI4015 **with** ID4002), if a 4000-level dissertation or comparable independent research project is taken in the other Honours subject.

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Master of Theology - Honours M.Theol.	
First Year:	80 credits: DI1001 and DI1012 and DI1003 and DI1006.
Second Year:	40 credits in two of: DI2000, DI2001, DI2003, DI2006 - with passes at grade 11 or better in both. 20 further credits from: DI2000, DI2001, DI2003, DI2006; 20 further credits from: DI2000, DI2001, DI2002, DI2003, DI2006, DI2201 (PY2001 AND PY2002), PY2003, PY2004, (PY2101 AND PY2102) or any other 2000 - level module in a cognate subject area with the permission of the Head of School.
Third Year:	60 credits: DI3701 and DI3702 and DI3711 and DI3712; 30 credits: (DI3703 - DI3705); 30 credits: (DI3713 - DI3715).
Fourth Year:	60 credits: DI4499; 60 further credits: DI4600 - DI4989, (DI4015 with ID4002).

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Divinity (DI) Modules

DI1001 Theology : Issues and History			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Planned timetable:	10.00 am		
This module will address a variety of themes within Christian theology. Each theme will be approached with a view to its biblical roots and historical development, its critical reception and restatement in the modern period, and its significance for contemporary theological reflection. Themes covered will include: The problem of 'God' in the modern world; who is Jesus Christ and what difference does it make?; Trinity, Spirit and community; Diagnosis and cure - models for salvation; Beginnings and endings - the origin and destiny of the world. Through consideration of these themes students will also be introduced to several key figures in the history of theology.			
Programme module type:	Compulsory for Theological Studies and M.Theol. and B.D.		
Required for:	DI2000, DI4919, DI4924		
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.		
	Scheduled learning: 44 hours	Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%		
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%		
Module Co-ordinator:	Prof A J Torrance		
Lecturer(s)/Tutor(s):	Prof A J Torrance		

DI1003 Old Testament 1 : Torah and Prophets				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	12.00 noon			
This module is an introduction to the life, literature and religion of Ancient Israel. It will in particular consider the main literary types of the Old Testament literature, both in order to familiarise students with the traditions used in the Old Testament and to demonstrate how this literature was shaped by religious, social and historical factors. The class will also consider how it came to form the traditional canon of the Hebrew Bible.				
Programme module type:	Compulsory for Biblical Studies, Hebrew and M.Theol. and B.D.			
Required for:	DI4524, DI4800, DI4805			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial (not first week)			
	Scheduled learning: 43 hours		Guided independent study: 157 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr W A Tooman			
Lecturer(s)/Tutor(s):	Dr W A Tooman			

DI1004 Hebrew 1: Introduction to Hebrew Language				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	4.00 pm			
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 will be reading.				
Programme module type:	Compulsory for Hebrew. Either DI1004 or DI1005 is compulsory for Biblical Studies			
Required for:	DI2002			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures and 1 tutorial.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Prof J R Davila			

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DI1005 New Testament Greek 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	4.00 pm			
<p>This module constitutes the first of a two-module New Testament Greek sequence. It introduces the first half of the essential grammar, morphology, and vocabulary of New Testament Greek. Upon the completion of this module, the student will have acquired an understanding of the Noun and Indicative Verb systems of Koine Greek. The student will be prepared for DI2201 New Testament Greek 2, which will cover the remainder of grammar. Upon completion of the entire course of NT Greek grammar, the student will be able to analyse the Greek New Testament, as well as other Koine literature of the period.</p>				
Programme module type:	Compulsory for New Testament. Either DI1004 or DI1005 is compulsory for Biblical Studies			
Anti-requisite(s):	GK1001, GK1002			
Required for:	DI2201, DI4609, DI4613, DI4615			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%			
	As used by St Andrews: Coursework = 60%, 2-hour Written Examination = 40%			
Module Co-ordinator:	Dr S Hafemann			
Lecturer(s)/Tutor(s):	Dr S Hafemann			

DI1006 Jesus and the Gospels				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	12.00 noon			
<p>This module aims to introduce students to New Testament studies in general and to Gospel studies in particular. The general introduction will include consideration of the historical contexts of the New Testament texts, including political, socio-economic and religious factors within the Greco-Roman world and Early Judaism. The Gospels will then be studied with a view to determining the particular interests of their authors, and with a view to assessing their portraits of Jesus in relation to the historical Jesus. Continuous assessment includes the review of a popular 'historical fiction' novel assigned by the module co-ordinator.</p>				
Programme module type:	Compulsory for Biblical Studies, New Testament and M.Theol. and B.D.			
Required for:	DI2003, DI4604, DI4605, DI4608, DI4609			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial (not in week 1 or week 11)			
	Scheduled learning: 42 hours		Guided independent study: 158 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr E Shively			
Lecturer(s)/Tutor(s):	Dr E Shively			

DI1012 Living Faith				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	10.00 am			
<p>Practical theology is a rich and diverse discipline that explores how Christian faith is lived in contemporary settings and what people's experiences of practicing their faith say to the theological and biblical traditions. This module introduces students to the work of a number of British and international practical theologians and aims to provide both methodological and conceptual tools for studying the inter-action of Christian expressions of faith and society. It is designed to foster skills of information gathering, critical analysis and reflection and the coherent expression of research and opinion.</p>				
Programme module type:	Compulsory for Theological Studies and M.Theol. and B.D.			
Anti-requisite(s):	DI1002	Required for:	DI4524	
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial (apart from weeks 6, 10 and 11; 2 lectures only in week 11)			
	Scheduled learning: 40 hours		Guided independent study: 160 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr E Stoddart			
Lecturer(s)/Tutor(s):	Prof M I Aguilar and Dr E Stoddart			

DI2000 Christian Thought and Practice 1				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	2.00 pm			
<p>This module explores four key Christian doctrines (creation, Trinity, Christology, and soteriology) in their historical development and present expression. There is a focus also on the ethical implications of these doctrines.</p>				
Programme module type:	Compulsory for Theological Studies. Optional for .Theol. and B.D.			
Pre-requisite(s):	DI1001			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr S Holmes			
Lecturer(s)/Tutor(s):	Prof T A Hart , Prof I J Davidson and Dr S Holmes			

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DI2001 Old Testament 2 : Wisdom, Psalms, Apocalyptic and Apocryphal Literature				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	11.00 am			
This module continues the study of the Old Testament in DI1003, and is an introduction to the literature and theology of the period of Israel's history from exile to the consolidation of the canon. Prophecy, wisdom, psalms, apocalyptic writings, and the earliest forms of inner-biblical exegesis are studied. Attention is given to the final shaping of Israel's sacred texts. The important events from exile to Qumran are illustrated in relationship to the biblical literature.				
Programme module type:	Compulsory for Biblical Studies, Hebrew Optional for M.Theol. and B.D.			
Pre-requisite(s):	DI1003			
Required for:	DI4707, DI4708, DI4711, DI4715, DI4729			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial (apart from week 1)			
	Scheduled learning: 43 hours		Guided independent study: 157 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Prof J R Davila			
Lecturer(s)/Tutor(s):	Prof J R Davila			

DI2002 Hebrew 2				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	3.00 pm			
This module aims to extend students' skills 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.				
Programme module type:	Compulsory for Hebrew. Either DI2002 or DI2201 is compulsory for Biblical Studies Optional for M.Theol.			
Pre-requisite(s):	DI1004			
Required for:	DI4705, DI4708, DI4726, DI4729			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 43 hours		Guided independent study: 157 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr W A Tooman			

DI2003 New Testament History and Theology				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	11.00 am			
This module covers: (i) the history of the Church in the New Testament period, setting the Christ-movement in its Jewish and Greco-Roman contexts; (ii) study of a Pauline letter; (iii) the theology of the New Testament, including the issue of unity and diversity, and with special attention to monotheism and Christology.				
Programme module type:	Compulsory for Biblical Studies, New Testament. Optional for M.Theol. and B.D.			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial (commencing in week 3).			
	Scheduled learning: 40 hours		Guided independent study: 160 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%			
	As used by St Andrews: Coursework = 60%, 2-hour Written Examination = 40%			
Module Co-ordinator:	Dr G Macaskill			
Lecturer(s)/Tutor(s):	Team taught			

DI2006 The Early and Mediaeval Church : History, Beliefs and Practices				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	2.00 pm			
This module will explore key themes in the organisation, practice and beliefs of the early and mediaeval church, focusing mostly on the period from the first to the ninth centuries. Among the topics covered in the first part of the module will be the early church's encounter with the Roman empire, martyrdom, debates over truth, orthodoxy and heresy, the impact of Constantine's conversion and the relationship between paganism and Christianity. The later part of the module covers the coming of Christianity to the British Isles, and especially Scotland, and themes such as the cult of saints, monasticism, pastoral care, worship and pilgrimage. Weekly seminars will involve engagement with key primary texts from the period.				
Programme module type:	Compulsory for Theological Studies. Optional for M.Theol. and B.D.			
Required for:	DI4524			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50%			
Module Co-ordinator:	Dr I Bradley			
Lecturer(s)/Tutor(s):	Dr I Bradley			

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DI2201 New Testament Greek 2			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 1
Planned timetable:	12.00 noon		
<p>This module constitutes the second of a two-module New Testament Greek sequence. It introduces the second half of the essential grammar, morphology, and vocabulary of New Testament Greek begun in DI1005. Upon the completion of this module, the student will have acquired an understanding of the complete grammar and basic vocabulary of Koine Greek. Upon completion of this module, the student will be able to analyse the Greek New Testament, as well as other Koine literature of the period.</p>			
Programme module type:	Compulsory for New Testament. Either DI2002 or DI2201 is compulsory for Biblical Studies		
Pre-requisite(s):	DI1005 or GK1001 or demonstration of equivalent linguistic competence		
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.		
	Scheduled learning: 44 hours	Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%		
	As used by St Andrews: Coursework = 60%, 2-hour Written Examination = 40%		
Module Co-ordinator:	Dr S Hafemann		

School of Economics & Finance

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

M.Sci. Honours

The general requirements are 600 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years form an approved Honours programme of 360 credits, of which 120 credits are at 5000 level and at least 210 credits are at 3000 and 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Applied Economics - Single Honours B.Sc. or M.A.	
First Year:	40 credits: EC1001 and EC1002.
Second Year:	40 credits: EC2001 and EC2002 - with passes at grade 11 or better in both. 20 credits: EC2003 and EC2004. <i>(Students who have passed MT2004 are exempted from EC2003; students who have passed MT1001 or MT1002 are exempted from EC2004.)</i>
Third Year:	75 credits: EC3201 and EC3202 and EC3203; Between 15 and 45 credits: EC4203, EC4302, EC4303, EC4501 - EC4509, EC4511 - EC4590, or from selected MN and IR modules approved by the Head of School.
Fourth Year:	30 credits: EC4205; Further credits: EC4203, EC4302, EC4303, EC4501 - EC4509, EC4511 - EC4590 or from selected MN and IR modules approved by the Head of School, to total at least 105 credits from this group.
In total, at least 90 credits must be achieved at 4000 level.	

Applied Quantitative Finance - Single Honours M.Sci.	
Third, Fourth and Fifth Years:	75 credits: EC3201 and MT3504 and MT3607 and MT3706 (unless already passed in Second Year); 45 credits: EC4501 and EC4502 and MT4551; 120 credits: EC5399 (in Fifth Year only) and (EC5203 or EC5221), (EC5202 or EC5204) and EC5722 and MT5812; 30 further credits: 5000-level EC or MT modules; 60 further credits: 3000-, 4000- or 5000-level EC or MT modules; Further credits to total 360 across the Third, Fourth and Fifth Years of the programme.

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Economics – Single Honours B.Sc. or M.A.

First Year:	40 credits: EC1001 and EC1002.
Second Year:	40 credits: EC2001 and EC2002 - with passes at grade 11 or better in both; 20 credits: EC2003 and EC2004. <i>(Students who have passed MT2004 are exempted from EC2003; students who have passed MT1001 or MT1002 are exempted from EC2004.)</i>
Third Year:	75 credits: EC3201 and EC3202 and EC3203; 45 credits: EC4204, EC4501 - EC4590.
Fourth Year:	75 credits: EC4201 and EC4202 and EC4203; 45 further credits: EC4204, EC4300, EC4501 - EC4590.

Economics - Joint Honours B.Sc. or M.A.

(B.Sc. Honours): Economics and one of: Biology, Computer Science, Environmental Geoscience ^N , Geoscience ^N , Internet Computer Science ^N , Management, Management Science, Mathematics, Psychology, Statistics. ^N Not available to entrants from 2011-12	(M.A. Honours): Economics and one of: Ancient History, Arabic ^W , Biblical Studies, English, Film Studies, Geography, German ^W , International Relations, Italian ^W , Management, Mathematics, Mediaeval History, Middle East Studies, Modern History, Philosophy, Psychology, Russian ^W , Social Anthropology, Spanish ^W , Statistics ^W Available also as 'With Integrated Year Abroad' degree
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Economics element of Joint Honours B.Sc. or M.A.:

First Year:	40 credits: EC1001 and EC1002.
Second Year:	40 credits: EC2001 and EC2002 - with passes at grade 11 or better in both; 20 credits: EC2003 and EC2004. <i>(Students who have passed MT2004 are exempted from EC2003; students who have passed MT1001 or MT1002 are exempted from EC2004.)</i>
Third Year:	60 credits: EC3201 and EC3203;
Fourth Year:	15 credits: EC3202; At least 45 credits: EC4201 - EC4204, EC4302, EC4501 - EC4590.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Financial Economics - Single Honours B.Sc. or M.A.

First Year:	40 credits: EC1001 and EC1002.
Second Year:	40 credits: EC2001 and EC2002 - with passes at grade 11 or better in both; 20 credits: EC2003 and EC2004. <i>(Students who have passed MT2004 are exempted from EC2003; students who have passed MT1001 or MT1002 are exempted from EC2004.)</i>
Third Year:	75 credits: EC3201 and EC3202 and EC3203; 30 credits: EC4501 and EC4502; 15 credits in one of: EC4503 - EC4590.
Fourth Year:	75 credits: EC4201 and EC4202 and EC4204; 45 further credits: EC4203, EC4300, EC4503 - EC4590

Economics 'with' ... - Honours M.A.	
Economics with German^W, Russian^W, Social Anthropology, or Spanish^W ^W Available also as 'With Integrated Year Abroad' degree	
Economics Major element of M.A. Honours 'with' degree: First Year: 40 credits: EC1001 and EC1002. Second Year: 40 credits: EC2001 and EC2002 – with passes at grade 11 or better in both. 20 credits: EC2003 and EC2004. <i>(Students who have passed MT2004 are exempted from EC2003; students who have passed MT1001 or MT1002 are exempted from EC2004.)</i> Third Year: 75 credits: EC3201 and EC3202 and EC3203; 15 credits in one of: EC4501 - EC4590. Fourth Year: 30 credits: EC4203; 60 further credits: EC4201 - EC4202, EC4204, EC4300, EC4501 - EC4590. In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Economics (EC) Modules

EC1001 Macroeconomics			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 2
Availability restrictions:	Available only to First Year students.		
Planned timetable:	2.00 pm Mon, Tue, Thu.		
The module provides an introduction to the basic concepts and data of macroeconomics. The economy in the long run is covered with a focus on economic growth, financial markets, unemployment, money and prices. Short run economic fluctuations are also studied with particular reference to aggregate demand and supply, the exchange rate and trade balances.			
Programme module type:	Compulsory for Applied Economics, Economics, Financial Economics		
Learning and teaching methods and delivery:	Weekly contact: 3 lectures per week and 6 tutorials per semester.		
	Scheduled learning: 46 hours	Guided independent study: 154 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%		
	As used by St Andrews: Coursework = 25%, 2-hour Examination = 75%		
Module Co-ordinator:	Ms L Pert-Davies		
Lecturer(s)/Tutor(s):	Dr L Lasselle, Dr P Macmillan		

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EC1002 Microeconomics				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Availability restrictions:	Available only to First Year students.			
Planned timetable:	2.00 pm Mon, Tue, Thu.			
The module provides an introduction to the market system and consumer and producer behaviour. Topics covered include demand, supply, elasticities, taxes, welfare, risk and uncertainty. Models of consumer choices between goods, work and leisure, saving and spending are developed. Different market structures are studied as well as the strategic behaviour of firms. Market failure and the need for government intervention are also analysed. Strategic behaviour is investigated using game theory.				
Programme module type:	Compulsory for Applied Economics, Economics, Financial Economics			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures per week and 6 tutorials per semester			
	Scheduled learning: 46 hours		Guided independent study: 154 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 25%, 2-hour Examination = 75%			
Module Co-ordinator:	Ms L Pert-Davies			
Lecturer(s)/Tutor(s):	Dr I Smith			

EC2001 Intermediate Microeconomics				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	2.00 pm Mon, Tue, Thu.			
The module is intended for those students wishing to specialise further in economics. It covers the theory and method of microeconomic analysis in a neo-classical framework and studies some selected applications. It deals with the analysis of consumer choice and demand, production and cost and market structure in a thorough and self-contained way. The module also introduces students to general equilibrium and welfare economics and deals with issues of market failure and public policy.				
Programme module type:	Compulsory for Applied Economics, Economics, Financial Economics, Applied Quantitative Finance (M.Sci.)			
Pre-requisite(s):	EC1002		Co-requisite(s):	EC2004
Learning and teaching methods and delivery:	Weekly contact: 3 lectures per week and 6 tutorials per semester.			
	Scheduled learning: 46 hours		Guided independent study: 154 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 15%			
	As used by St Andrews: Coursework = 30%, 2-hour Examination = 70%			
Module Co-ordinator:	Ms L Pert-Davies			
Lecturer(s)/Tutor(s):	Dr M La Manna			

EC2002 Intermediate Macroeconomics				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	2.00 pm Mon, Tue, Thu.			
The module provides students who wish to specialise further in economics with a treatment of modern macroeconomics. It deals with the following topics: the Neoclassical growth model, the IS-LM model, the AD-AS model, rational expectations, nominal rigidities and money neutrality, the IS-LM-BP model, the Theory of Economic Policy, the rules versus discretion debate, and reputation and credibility in macroeconomic policy making.				
Programme module type:	Compulsory for Applied Economics, Economics, Financial Economics, Applied Quantitative Finance (M.Sci.)			
Pre-requisite(s):	EC1001			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures per week and 6 tutorials per semester.			
	Scheduled learning: 46 hours		Guided independent study: 154 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 15%			
	As used by St Andrews: Coursework = 30%, 2-hour Examination = 70%			
Module Co-ordinator:	Ms L Pert-Davies			
Lecturer(s)/Tutor(s):	Mr S Kim			

EC2003 Quantitative Methods - Statistics				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	2
Planned timetable:	12.00 noon Tue and Thu.			
The module will provide an introduction to statistical methods (elementary probability, distributions and their summary statistics, basic hypothesis testing, correlation, covariance and simple two-variable regression). The emphasis will be on their relevance and application to economics. The module is designed for those majoring in economics, business and management.				
Programme module type:	Compulsory for Applied Economics, Economics, Financial Economics			
Pre-requisite(s):	EC1001	Anti-requisite(s):	MT2004	
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and a 2-hour laboratory			
	Scheduled learning: 45 hours		Guided independent study: 55 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 40%, 1.5-hour Examination = 60%			
Module Co-ordinator:	Ms L Pert-Davies			
Lecturer(s)/Tutor(s):	Dr J Lee			

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EC2004 Quantitative Methods - Mathematics				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	1
Planned timetable:	12.00 noon Tue and Thu.			
<p>This module is designed to provide the mathematical tools required to construct formal economic models and to use them to analyse economic problems. It is intended to provide the required training for those entering the Honours programme in the key mathematical methods that are used in economic analysis. The aim is twofold: to prepare you so that you will understand the use of such techniques in advanced economic analysis and be able to employ them; to enable you to read and understand the research literature both at the intellectual frontiers of the discipline and in specialist areas of the subject.</p>				
Programme module type:	Compulsory for Applied Economics, Economics, Financial Economics			
Pre-requisite(s):	EC1001	Anti-requisite(s):	MT1001, MT1002	
Co-requisite(s):	EC2001			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and a 2-hour laboratory			
	Scheduled learning: 45 hours		Guided independent study: 55 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 40%, 1.5-hour Examination = 60%			
Module Co-ordinator:	Ms L Pert-Davies			
Lecturer(s)/Tutor(s):	Dr M La Manna			

EC2008 Topics in Finance				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1 & 2 (taught twice)
Planned timetable:	11.00 am Mon, Tue, Thu.			
<p>This module aims to provide an introduction to the economics of money, banking and financial markets. It presents a general overview of key monetary and financial market phenomena, of how key financial and money market institutions operate and the basic workings of financial and money markets. The module is designed to provide students with a general understanding of how financial markets work and the impact of financial markets on the domestic and international economic system.</p>				
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures.			
	Scheduled learning: 36 hours		Guided independent study: 164 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Ms L Pert-Davies			
Lecturer(s)/Tutor(s):	Dr L Savorelli			

School of English

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours Programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

English - Single Honours M.A.

First Year: 40 credits in two of: EN1003, EN1004, CO1001, CO1002
 Second Year: 40 credits: EN2003 **and** EN2004 - with passes at grade 11 or better in both.
 Third and Fourth Years:
 30 credits in one of: EN3111 - EN3140, EN4311 - EN4340 (*Group A*);
 30 credits in one of: EN3141 - EN3160, EN4341 - EN4360 (*Group B*);
 30 credits in one of: EN3161 - EN3189, EN4361 - EN4389 (*Group C*);
 30 credits: EN4399 (Fourth Year only);
 120 further credits: EN3000 - EN4999, except that students may, with permission of both Heads of School, substitute 30 of these credits with 3000- level or 4000- level credits in another School.

In total, at least 90 credits must be achieved at 4000 level.

English - Joint Honours M.A.

English and one of: Arabic ^W, Art History, Biblical Studies, Classical Studies, Classics, Comparative Literature, Economics, Film Studies, French ^W, German ^W, Greek, Hebrew, Italian ^W, Latin, Management, Mediaeval History, Middle East Studies, Modern History, Philosophy, Psychology, Russian ^{E W}, Scottish History, Social Anthropology, Spanish ^W, Theological Studies

^E Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead. Reversal of first-level and second-level EN modules is not allowed.

^W Available also as 'With Integrated Year Abroad' degree

English element of Joint Honours M.A.:

First Year: 40 credits in two of: EN1003, EN1004, CO1001, CO1002
 Second Year: 40 credits: EN2003 **and** EN2004 - with passes at grade 11 or better in both.
 Third and Fourth Years:
 30 credits in one of: EN3111 - EN3140, EN4311 - EN4340 (*Group A*) **or** EN3141 - EN3160, EN4341 - EN4360 (*Group B*) **or** EN3161 - EN3189, EN4361 - EN4389 (*Group C*);
 Between 60 and 120 further credits: EN3000 - EN4999.
 Students may take 30 credits at 3000 or 4000 level in a third school (provided that the requirements for both Joint Honours subjects are met), with permission of the Head of that School and the Head of the School of English.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

English - Triple Honours M.A.

Modern Languages (two languages) and English^W

The possible two language combinations are: French-German, French-Italian, French-Russian^E, French-Spanish, German-Italian, German-Russian^E, German-Spanish, Italian-Russian^E, Italian-Spanish, Russian-Spanish^E

^E Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead. Reversal of first-level and second-level EN modules is not allowed.

^W Available also as 'With Integrated Year Abroad' degree

English element of M.A Honours including two Modern Languages:

First Year: 40 credits in two of: EN1003, EN1004, CO1001, CO1002

Second Year: 40 credits: EN2003 **and** EN2004 - with passes at grade 11 or better in both.

Third and Fourth Years:

90 credits in three of: EN3000 - EN4999.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

English (EN) Modules

EN1003 Ghosts and Doubles: Introduction to Nineteenth- and Twentieth-Century Literature				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	11.00 am			
In this module students are introduced to a small number of texts, in prose and verse, from the nineteenth and twentieth centuries. Emphasis is laid on (i) practical criticism, (ii) close reading, and (iii) the importance of literary-historical context.				
Programme module type:	Either EN1003 or CO1001 is compulsory for English			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial, and 2 optional consultative hours.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr J D Byatt			
Lecturer(s)/Tutor(s):	Team taught			

EN1004 Explorers and Revolutionaries: Literature 1680 - 1830				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	11.00 am			
This module introduces a range of works from the period 1680-1830. Looking at travel, colonialism, and different constructions of "man's natural estate" in the early eighteenth century, the module traces the development of these themes into Romanticism's passion for literal and figurative journeys, its revolutionary critique of human enslavement by society, and its fascination with the power of Nature.				
Programme module type:	Either EN1004 or CO1002 is compulsory for English			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial per week, and 2 optional consultative hours.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr J D Byatt			
Lecturer(s)/Tutor(s):	Team taught			

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EN2003 Mediaeval and Renaissance Texts				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Availability restrictions:	Not available to First year students.			
Planned timetable:	4.00 pm			
In this module students will learn to read early forms of English language and literature, using specially edited texts from both Old and Middle English. In the other half of the module students will encounter and gain a critical understanding of Renaissance verse, via the study of John Donne's poems and Milton's Paradise Lost.				
Programme module type:	Compulsory for English			
Pre-requisite(s):	No pre-requisites when taken as a 'stand alone' module, but EN2003 is not available to students in their first year.			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial, and 2 optional consultative hours.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr M C Augustine			
Lecturer(s)/Tutor(s):	Team taught			

EN2004 Drama: Reading and Performance				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Availability restrictions:	Not available to First year students.			
Planned timetable:	4.00 pm			
This module is designed to provide an introduction to a small number of representative plays from the Renaissance period and from the twentieth century. Special emphasis will be laid upon conditions of production and reception: the literary, political and theatre-historical contexts in which these plays were first created and those in which they are now received. At the same time the distinctive nature of the theatrical medium will be stressed, and students will be encouraged to develop a flexible critical response that will take proper account of the hybrid nature of plays both as texts and as performances.				
Programme module type:	Compulsory for English			
Pre-requisite(s):	No pre-requisites when taken as a 'stand alone' module, but EN2004 is not available to students in their first year.			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial per week, and 2 optional consultative hours.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr P H Parry			
Lecturer(s)/Tutor(s):	Team taught			

School of Geography & Geosciences

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

M.Geol. Honours

The general requirements are 600 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years form an approved Honours programme of 360 credits, of which 120 credits are at 5000 level and at least 210 credits are at 3000 and 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange Scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Earth Sciences - Single Honours M.Geol.

First Year:	40 credits: ES1001 and ES1002
Second Year:	90 credits: ES2001 and ES2002 and ES2003 - with passes at grade 11 or better in all. <i>Exemption from ES2003 may be considered on a case-by-case basis.</i>
Third Year:	120 credits: ES3001 and ES3002 and ES3003 and ES3004 and ES3005 and ES3006 and ES3007 and ES3009 with an overall credit-weighted mean grade 13.5 or above.
Fourth Year:	45 credits: ES3008 and ES4001 and ES4002; 30 credits: ES4011 or ES4012; 45 further credits in three of: ES4011, ES4012, ID4001, ES4006, ES4007, ES4009, ES5006 – ES5008.
Fifth Year:	120 credits: ES5001 and ES5003 and ES5004 and ES5009.

Students who have passed Third Year of the BSc Environmental Geoscience programme with an overall credit-weighted mean grade of 13.5 or above may, with the permission of the Director of Teaching, opt into Fourth Year of the M.Geol. programme.

Earth Sciences - Single Honours M.Geol.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	120 credits: ES2001 and ES2002 and ES2003 and ES2004 - with passes at grade 11 or better in all.
Third Year:	120 credits: ES3001 and ES3002 and ES3003 and ES3004 and ES3005 and ES3006 and ES3007 and ES3009, with an overall credit-weighted mean grade 13.5 or above.
Fourth Year:	45 credits: ES3008 and ES4001 and ES4002; 30 credits: ES4011 or ES4012; 45 further credits in three of: ES4011, ES4012, ID4001, ES4006, ES4007, ES4009, ES5006 – ES5008.
Fifth Year:	120 credits: ES5001 and ES5003 and ES5004 and ES5009.

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Environmental Geoscience - Single Honours B.Sc.

First Year:	40 credits: ES1001 and ES1002
Second Year:	90 credits: ES2001 and ES2002 and ES2003 - with passes at grade 11 or better in all. <i>Exemption from ES2003 may be considered on a case-by-case basis.</i>
Third Year:	105 credits: ES3001 and ES3002 and ES3003 and ES3004 and ES3005 and ES3008 and ES3010; At least 15 credits: ES3009, or by arrangement GG3260 - GG3289.
Fourth Year:	90 credits: ES4002 and ES4003 and ES4004 and ES4008; 15 credits: ES3009 or ES4006 or ES4007 or ES4009 or ID4001 At least 15 further credits: ES3009, ES4006, ES4007, ES4009, ID4001, or by arrangement GG3260 - GG3289.

Environmental Geoscience and Environmental Biology - Joint Honours B.Sc.

Third Year:	80 credits: BL3000 and BL3220 and ES3001 and ES3004 and ES3008 and ES3005 40 credits in two of: BL3307, BL3308, BL3309, BL3316, BL3318, BL3319.
Fourth Year:	75 credits: BL4220 and ES4002 and ID4442. 15 credits: ES3007 or ES3009 or ES4007 or ID4001. 30 further credits in two of: BL4249, BL4254 - BL4256, BL4260, BL4262, BL4266, BL4268, BL4270, BL4272, BL4275, BL4280, BL4286, BL4301, ID4001.

Geography - Single Honours B.Sc. or M.A.

First Year:	20 credits: GG1001 or GG1002.
Second Year:	60 credits: GG2011 and GG2012 - with passes at grade 11 or better in both. <i>Exemption from GG2012 may be granted, with the permission of the Head of School, for students having passes in GG1001 and GG1002 and passes at 11 or better in GG2011 and in a 2000-level module in a cognate discipline. Students who gain entry with such a combination may be excluded from Honours optional modules for which they are insufficiently prepared.</i>
Third Year:	60 credits: GG3201; 60 credits in three of: GG3220 - GG3289.
Fourth Year:	50 credits: GG4298; 50 credits: GG4201 - GG4229; Between 20 and 25 further credits: GG3220-GG3289, ((ID4001 or ID4002) with GG3302).

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Geography - Joint Honours B.Sc. or M.A.	
<p>(B.Sc. Honours)</p> <p>Geography and one of: Environmental Biology, Management^T, Management Science, Mathematics, Statistics</p>	<p>(M.A. Honours)</p> <p>Geography and one of: Art History, Classical Studies, Comparative Literature, Economics, Film Studies, French^W, Hebrew, International Relations, Italian^W, Management^T, Mediaeval History, Middle East Studies, Modern History, Philosophy, Psychology, Scottish History, Social Anthropology, Spanish^W, Theological Studies</p>
<p>^T Second level Lecture/Lab Timetable clash means students choose non-clashing lab hours in Geography</p> <p>^W Available also as 'With Integrated Year Abroad' degree</p>	
<p>Geography element of Joint Honours B.Sc. or M.A.:</p> <p>First Year: 20 credits: GG1001 or GG1002.</p> <p>Second Year: 60 credits: GG2011 and GG2012 - with passes at grade 11 or better in both.</p> <p style="padding-left: 20px;"><i>Exemption from GG2012 may be granted, with the permission of the Head of School, for students having passes in GG1001 and GG1002 and passes at 11 or better in GG2011 and in a 2000-level module in a cognate discipline. Students who gain entry with such a combination may be excluded from Honours optional modules for which they are insufficiently prepared.</i></p> <p>Third Year: 30 credits: GG3202;</p> <p style="padding-left: 20px;">Up to 60 credits: GG3220 - GG3289, GG3301.</p> <p>Fourth Year: 30 credits: GG4297;</p> <p style="padding-left: 20px;">Further credits: GG3220 - GG3289, GG3302, GG4220 - GG4229, GG4301, (ID4001 or ID4002) - to a total of between 90 and 150 credits in Geography across Third and Fourth Years. In total, 240 credits are required at 3000 and 4000 level, including at least 90 credits in total at 4000 level.</p>	

Geography 'with'... - Honours M.A.
<p>Geography with Social Anthropology or Spanish^W</p> <p>^W Available also as 'With Integrated Year Abroad' degree</p>
<p>Geography Major element of M.A. Honours 'with' degree:</p> <p>First Year: 20 credits: GG1001 or GG1002.</p> <p>Second Year: 60 credits: GG2011 and GG2012 - with passes at grade 11 or better in both.</p> <p style="padding-left: 20px;"><i>Exemption from GG2012 may be granted, with the permission of the Head of School, for students having passes in GG1001 and GG1002 and passes at 11 or better in GG2011 and in a 2000-level module in a cognate discipline. Students who gain entry with such a combination may be excluded from Honours optional modules for which they are insufficiently prepared.</i></p> <p>Third Year: At least 30 credits: GG3202 - GG3203;</p> <p style="padding-left: 20px;">Further credits: GG3220 - GG3289, GG3301 - to a total of between 80 and 100 credits in Geography for the Year.</p> <p>Fourth Year: 50 credits: GG4298;</p> <p style="padding-left: 20px;">20 credits in one of: GG4220 - GG4229;</p> <p style="padding-left: 20px;">Further credits: GG3221 - GG3289, GG3302, GG4201, GG4220 - GG4229, GG4301, (ID4001 or ID4002), to a total of 180 credits in Geography across Third and Fourth Years.</p> <p>In total, 240 credits are required at 3000 and 4000 level, including at least 90 credits at 4000 level.</p>

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... 'with' Geography - Honours B.Sc. or M.A.	
(B.Sc. Honours) Mathematics with Geography	(M.A. Honours) Psychology, Russian^W, Social Anthropology or Spanish^W with Geography
^W Available also as 'With Integrated Year Abroad' degree	
<p>Geography Minor element of B.Sc. or M.A. Honours 'with' degree:</p> <p>First Year: 20 credits: GG1001 or GG1002.</p> <p>Second Year: 60 credits: GG2011 and GG2012 - with passes at grade 11 or better in both. <i>Exemption from GG2012 may be granted, with the permission of the Head of School, for students having passes in GG1001 and GG1002 and passes at 11 or better in GG2011 and in a 2000-level module in a cognate discipline. Students who gain entry with such a combination may be excluded from Honours optional modules for which they are insufficiently prepared.</i></p> <p>Third and Fourth Years: 60 credits in three of: GG3221 - GG3289, GG4220 - GG4229.</p> <p>In total, 240 credits are required at 3000 and 4000 level, including at least 90 credits at 4000 level.</p>	

Geology - Single Honours B.Sc.	
First Year:	40 credits: ES1001 and ES1002
Second Year:	90 credits: ES2001 and ES2002 and ES2003 - with passes at 11 or better in all. <i>Exemption from ES2003 may be considered on a case-by-case basis.</i>
Third Year:	120 credits: ES3001 and ES3002 and ES3003 and ES3004 and ES3005 and ES3006 and ES3007 and ES3009
Fourth Year:	90 credits: ES4001 and ES4002 and ES4003 and ES4004; 30 credits in two of: ES4006, ES4007, ES4009, ES3008, ID4001.

Geology - Single Honours B.Sc. Direct entry to second year for approved candidates with 120 advanced standing credits	
Second Year:	120 credits: ES2001 and ES2002 and ES2003 and ES2004 - with passes at grade 11 or better in all.
Third Year:	120 credits: ES3001 and ES3002 and ES3003 and ES3004 and ES3005 and ES3006 and ES3007 and ES3009
Fourth Year:	90 credits: ES4001 and ES4002 and ES4003 and ES4004; 30 credits in two of: ES4006, ES4007, ES4009, ES3008, ID4001.

Geology - Joint Honours B.Sc.

Geology and either Biology or Chemistry

Geology and Biology - Joint Honours B.Sc.

First Year: 80 credits: BL1101 and BL1102 and ES1001 and ES1002
 Second Year: 120 credits: BL2102 and BL2105 and ES2001 and ES2002 - with passes at 11 or better in all. (Including participation on the 2nd year Earth Sciences field course).
 Third Year: 80 credits: BL3000 and BL3220 and ES3001 and ES3004 and ES3008 and ES3005
 40 credits in two of: BL3307, BL3308, BL3316 BL3009, BL3318, BL3319.
 Fourth Year: 75 credits: BL4220 and ES4002 and ID4442.
 15 credits: ES3007 or ES3009 or ES4007 or ID4001.
 30 further credits in two of: BL4249, BL4254 - BL4256, BL4260, BL4262, BL4266, BL4268, BL4270, BL4272, BL4275, BL4280, BL4286, BL4301, ID4001.

Geology and Chemistry - Joint Honours B.Sc.

First Year: 100 credits: CH1401 and CH1402 and CH1601 and ES1001 and ES1002.
 Second Year: 90 credits: CH2501 and ES2001 and ES2002 - with passes at grade 11 or better in all.
 30 credits: CH2601 or CH2701.
 Third Year: 120 credits: CH3431 and CH3514 and CH3521 and CH3712 and CH3717 and CH3721 and ES3001 and ES3004 and ES3006 and ES3009.
 Fourth Year: 30 credits in three of: CH4514, CH4614, CH4714, CH4712, CH5711, CH5717;
 50 credits: (ES4010 with CH4448) or ID4441;
 10 credits: CH5518;
 30 credits in two of: ES3008, ES4006, ES4007, ES4009, ID4001.

In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

This course is accredited by the Royal Society of Chemistry (RSC) for professional membership.

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Earth Sciences (ES) Modules

ES1001 Introduction to Planet Earth			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Planned timetable:	12.00 noon		
<p>The module provides an introduction to the fundamentals of geoscience. The discoveries of the last 25 years provide a framework for the module which covers an introduction to planet Earth, plate tectonic and volcanic systems, long-term landscape evolution, metamorphic and sedimentary rock formation, geodynamics, climate change over geological timescales and planetary geology. Key skills for geoscientists are introduced and the module includes two one-day fieldtrips.</p>			
Programme module type:	Compulsory for Chemistry and Geology, Earth Sciences (M.Geol.), Geology, Environmental Geoscience		
Anti-requisite(s):	GG1011	Required for:	ES2001
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 1 x 2-hour practical per week, 6-hours fieldwork.		
	Scheduled learning: 79 hours	Guided independent study: 121 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 30%, Coursework = 20%		
	As used by St Andrews: Coursework = 20%, Practical Examination = 30%, Written Examination = 50% Re-Assessment: Coursework 20%, 2-hour Examination = 80%		
Module Co-ordinator:	Dr R A J Robinson		
Lecturer(s)/Tutor(s):	Team taught		

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ES1002 Earth Resources and Fundamentals of Geology			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 2
Planned timetable:	12.00 noon		
<p>The module considers the applied nature of geoscience and how the subject contributes to solutions for resource and environmental problems. The key concept of the Earth as a finite resource, in supplying materials for human activities and as an environment to sustain life, is introduced. The scientific dimensions of such issues as earth resources, natural hazards, the Gaia Hypothesis and past and present extinctions will be considered and placed within the wider context of geoscience and society. Key skills for geoscientists are developed and the module includes a field class.</p>			
Programme module type:	Compulsory for Chemistry and Geology, Earth Sciences (M.Geol.), Geology, Environmental Geoscience		
Pre-requisite(s):	Normally ES1001	Anti-requisite(s):	GG1012
Required for:	ES2001		
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 1 x 2-hour practical per week, plus 35 hours of fieldwork over the semester.		
	Scheduled learning: 111 hours	Guided independent study: 89 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 25%, Coursework = 25%		
	As used by St Andrews: Coursework = 25%, Practical Examination = 25%, Written Examination = 50% Re-Assessment: Coursework = 20%, 2-hour Examination = 80%		
Module Co-ordinator:	Dr R A J Robinson		
Lecturer(s)/Tutor(s):	Team taught		

ES2001 Dynamic Earth: Evolution of Life and Lithosphere			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 1
Planned timetable:	10.00 am		
<p>This module aims to provide a broad understanding of some of the natural processes that have interacted through time to shape and modify our planet and its life forms. Methods and insights from the exciting new field of Earth Systems Science will be used to comprehend the hallmark features of Earth history, biospheric and lithospheric evolution and humankind's role in influencing environmental change. Lectures and laboratory classes are integrated with emphasis on recording and analysing geoscience information, fieldwork and presentational skills.</p>			
Programme module type:	Compulsory for Chemistry and Geology, Earth Sciences (M.Geol.), Geology, Environmental Geoscience		
Pre-requisite(s):	ES1001 and ES1002 or equivalent	Required for:	ES2002, ES2003
Learning and teaching methods and delivery:	Weekly contact: 5 lectures and 1 x 3-hour laboratory per week, and occasional tutorials; 16 hours fieldwork		
	Scheduled learning: 112 hours	Guided independent study: 188 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 30%, Coursework = 20%		
	As used by St Andrews: Coursework = 20%, Practical Examination = 30%, Written Examination = 50% Re-Assessment: Coursework = 20%, 2-hour Examination = 80%		
Module Co-ordinator:	Dr R A J Robinson		
Lecturer(s)/Tutor(s):	Team taught		

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ES2002 Dynamic Earth: Magma, Minerals and Metamorphism				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	10.00 am			
This module aims to give a broad understanding of the genesis of materials that comprise Earth and the processes that are involved in creating and modifying Earth's surface and lithosphere. Practical tools for the systematic recognition and accurate identification of solid Earth materials are emphasised. These provide the basis to interpret the physical conditions of formation and geodynamical evolution of the Earth System through time.				
Programme module type:	Compulsory for Chemistry and Geology, Earth Sciences (M.Geol.), Geology, Environmental Geoscience			
Pre-requisite(s):	Normally ES2001 or GS2011	Anti-requisite(s):	GS2012	
Learning and teaching methods and delivery:	Weekly contact: 4 lectures and 1 x 3-hour laboratory per week, and occasional tutorials; 16 hours fieldwork			
	Scheduled learning: 81 hours		Guided independent study: 219 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 20%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Practical Examination = 20%, Written Examination = 50% Re-Assessment: Coursework = 20%, 2-hour Examination = 80%			
Module Co-ordinator:	Dr R A J Robinson			
Lecturer(s)/Tutor(s):	Team taught			

ES2003 Dynamic Earth: Geodynamics in the Field				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	10.00 am, practical 2.00 pm - 5.00 pm Tue.			
This module promotes the study of Earth Sciences as an integrated subject, looking at the interrelationships of igneous, metamorphic and sedimentary rocks and rock deformation. The central part of this module will be an 8-day residential field course to an area in which many aspects of geology are exceptionally well developed in a small area (currently Spain). The module comprises a holistic examination in which the integration of disparate Earth Science topics is explored. The learning in this module supplements and complements other Level 2 teaching.				
Programme module type:	Compulsory for Geology, Earth Sciences (M.Geol.), Environmental Geoscience			
Pre-requisite(s):	ES2001	Co-requisite(s):	ES2002	
Learning and teaching methods and delivery:	Weekly contact: Weekly skills practical classes, tutorials and 80 hours fieldwork.			
	Scheduled learning: 96 hours		Guided independent study: 204 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50% Re-Assessment: Coursework = 50%, 2-hour Examination = 50%			
Module Co-ordinator:	Dr R A J Robinson			
Lecturer(s)/Tutor(s):	Team taught			

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ES2004 Practical and Field Skills for Earth Sciences (Direct Entrants)			
SCOTCAT Credits:	30	SCQF Level 8	Semester: Whole Year
Planned timetable:	12.00 noon, practical 2.00 pm - 4.00 pm Thu or Fri.		
<p>This module is only available to students who have been accepted for direct 2nd year entry to an Earth Science degree programme. It provides basic practical and fieldwork skills that are not taught at School and which characterise University-taught, accredited Earth Science programmes. Students will take part in level 1 practical and field-based exercises, and then apply these skills to the level 2 teaching programme. The students will also attend those aspects of the lecture programme that are not covered in A-level or Higher Geology curricula. The learning in this module will supplement and complement the ES2001, 2002 & 2003 teaching.</p>			
Programme module type:	Compulsory for Direct entrants to Second Year Geology		
Pre-requisite(s):	Direct Second Year acceptance to B.Sc. Geology, B.Sc. Environmental Geoscience or M.Geol. Earth Science Degree		
Co-requisite(s):	Normally ES2001, ES2002 and ES2003		
Learning and teaching methods and delivery:	Weekly contact: Weekly lectures, practical classes, and fieldwork		
	Scheduled learning: 190 hours	Guided independent study: 110 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 50%, Coursework = 50%		
	As used by St Andrews: Coursework = 100% (made up of Group Work and 2 Field Excursions, = 50%, Practical Examinations = 50%) Re-Assessment: Coursework = 100%		
Module Co-ordinator:	Dr R A J Robinson		
Lecturer(s)/Tutor(s):	Team taught		

Geography (GG) Modules

GG1001 Geography: Earth, Environment and Society				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	11.00 am			
<p>This module provides a general introduction to Human and Physical Geography. Some basic concepts of Human Geography - space and place, location and scale, distance and difference - are introduced and used to examine the nature of the human environment. Both contemporary and historical examples allow an exploration of these issues in a British setting, in an urban setting and in relation to world geographies. The Physical Geography component introduces the characteristics of global environmental systems: the lithosphere, atmosphere, hydrosphere and biosphere. Key skills for geographers are introduced and the module includes two one-day field trips.</p>				
Programme module type:	Either GG1001 or GG1002 is compulsory for all Single Honours, Joint Honours and 'with' Degrees in Geography			
Required for:	GG2011			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 1 practical class each week and 2 field days during the semester.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr M B Sothern			
Lecturer(s)/Tutor(s):	Team taught			

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GG1002 Global Environmental Problems				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	11.00 am			
<p>This module explores the interrelationships between human activity and the physical environment in the context of the examination of some pressing global problems. The scientific, political, social and economic dimensions of such issues as population growth, global warming, desertification, food supply and the exploitation of natural resources are examined, and the potential for sustainable development is considered. The module illustrates the close interrelationship between human and physical geography and the need for a broad knowledge of both if we are to understand the nature of the global environmental problems that currently confront society. Key skills for geographers are developed through this module.</p>				
Programme module type:	Either GG1001 or GG1002 is compulsory for all Single Honours, Joint Honours and 'with' Degrees in Geography			
Required for:	GG2011			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 1 group project each week during the semester.			
	Scheduled learning: 37 hours		Guided independent study: 163 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr M B Sothern			
Lecturer(s)/Tutor(s):	Team taught			

GG2011 Geographical Processes and Change				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	9.00 am Mon - Fri, 2.00 pm - 6.00 pm Mon.			
<p>This module examines some fundamental processes in human and physical geography. The physical geography component of the module considers the operation of a range of atmospheric, hydrological and geomorphological processes. Topics include hydrometeorological processes, weathering, slope processes, fluvial processes, glacial processes and periglacial processes. The human geography component of the module explores the extraordinary character of the modern world from a range of geographical perspectives. Topics include the economic, historical, political and social geography of capitalism, imperialism, urbanisation and globalisation.</p>				
Programme module type:	Compulsory for all Single Honours, Joint Honours and 'with' Degrees in Geography			
Pre-requisite(s):	GG1001 and GG1002	Anti-requisite(s):	GE2001	
Required for:	GG2012			
Learning and teaching methods and delivery:	Weekly contact: 4 - 5 lectures per week plus 2 seminars, 3 tutorials, 2 practical classes and a Field Excursion during the semester.			
	Scheduled learning: 56 hours		Guided independent study: 244 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 15%, Coursework = 45%			
	As used by St Andrews: Coursework = 45%, Practical Examination = 15%, Written Examination = 40%			
Module Co-ordinator:	Dr V Rinterknecht			
Lecturer(s)/Tutor(s):	Team taught			

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GG2012 Processes, Perspectives and Ideas in Geography			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 2
Planned timetable:	9.00 am Mon - Fri, 2.00 pm - 6.00 pm Mon.		
<p>The first part of the module extends the understanding of the physical and human world developed in G22011 and explores the contemporary relevance of geography, using case studies of environmental problems and social inequalities in the developed world. The second part of the module then takes a holistic view of geography by examining some enduring themes which have fascinated geographers for centuries, before illustrating the potential for an integrated understanding of the world through a detailed case study of one world region (e.g. the Himalayas).</p>			
Programme module type:	Compulsory for all Single Honours, Joint Honours and 'with' Degrees in Geography		
Pre-requisite(s):	GG2011	Anti-requisite(s):	GE2012
Learning and teaching methods and delivery:	Weekly contact: 4 lectures per week plus 2 seminars, 3 tutorials, 1 practical class over the semester.		
	Scheduled learning: 50 hours	Guided independent study: 250 hours	
Assessment pattern:	As defined by QAA: Written Examination = 60%, Practical Examination = 0%, Coursework = 40%		
	As used by St Andrews: Coursework = 40%, Written Examination = 60%		
Module Co-ordinator:	Dr V Rinterknecht		
Lecturer(s)/Tutor(s):	Team taught		

School of History

Including: Mediaeval, Modern and Scottish History and Middle East Studies (see also Ancient History within the Classics section, and Arabic within the Modern Languages section)

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours Programme abroad on a recognised Exchange Scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

History - Single Honours M.A.

First Year: At least 40 credits: AN1001, AN1002, ME1003, ME1006, MO1007, MO1008.
 Second Year: At least 60 credits: AN2002, AN2003, ME2003, MH2002, MO2008, HI2001 - with passes at grade 11 or better.

Over the first two years, passes must be gained in modules from at least two of the ranges AN, ME and MO and at least 40 credits must be gained in modules other than those in the ranges AN, HI, ME, MH, MO and DI2006.

Third Year: 120 credits: 60 each from two of the following groups: AN4103 - AN4998; ME3001 - ME3689; MO3001 - MO3795.

Fourth Year: 30 credits: CL4999 **or** HI4997 **or** HI4998 **or**, with permission from the Chair of the Degree Committee, HI4999;
 60 credits in one of: ME4701 - ME4889, MO4801 - MO4995;
 30 further credits in one of: ME3001 - ME3689, MO3001 - MO3795 **or**, with permission from the Director of Teaching, (ID4002 **with** HI4101).

Not more than 120 credits may be chosen from the Scottish History group (ME3140 - ME3159, ME3301 - ME3389, MO3060 - MO3079, MO3160 - MO3179, MO3260 - MO3279, MO3360 - MO3379, MO3460 - MO3479, MO3560 - MO3579, MO3760 - MO3779) and not more than 120 credits may be chosen from modules taught by any one member of staff.

A student may, with permission of the Honours Adviser, substitute 30 credits in Third or Fourth Year for 3000-level or 4000-level credits in another School.

Mediaeval History - Single Honours M.A.

First Year: 40 credits: ME1003 **and** ME1006.

Second Year: 20 credits: ME2003 - with a pass at grade 11 or better.

20 credits: AN2003 **or** HI2001 **or** MH2002 **or** MO2008.

Over the first two years, a further pass (other than ME2003) must be at 11 or better and at least 40 credits must be gained in modules other than those in the ranges AN, HI, ME, MH, MO and DI2006.

Third Year: 120 credits in four of: ME3001 - ME3689, MO3026, MO3036, MO3037.

Fourth Year: 30 credits: HI4997 **or** HI4998 **or** HI4999, with permission from the Chair of the Degree Committee;

60 credits in one of: ME4701 - ME4889;

30 further credits: ME3001 - ME3689, MO3026, MO3036, MO3037 **or**, with permission from the Director of Teaching (ID4002 **with** HI4101). Students who are permitted to take ID4002 may take HI4997 or HI4998 instead of HI4999.

Not more than 120 credits may be chosen from modules taught by any one member of staff and not more than 150 credits may be chosen from modules in British History.

A student may, with permission of the Chair of the Degree Committee, substitute 30 credits in Third or Fourth Year for 3000-level or 4000-level credits in another School.

Mediaeval History - Joint Honours M.A.

Mediaeval History and one of: Arabic^W, Art History, Biblical Studies, Classical Studies, Comparative Literature, Economics, English, French^W, Geography, German^W, International Relations^T, Italian^W, Latin, Mathematics, Middle East Studies, Philosophy, Psychology, Russian^W, Social Anthropology, Spanish^W, Theological Studies^T.

^T Timetable clash exists, combination subject to arrangement by both Departments.

^W also available as 'With Integrated Year Abroad' degree

Mediaeval History element of Joint Honours M.A.:

First Year: 40 credits: ME1003 **and** ME1006.

Second Year: 20 credits: ME2003 - with a pass at grade 11 or better.

20 credits: AN2003 **or** HI2001 **or** MH2002 **or** MO2008.

Over the first two years, a further pass (other than ME2003) must be at 11 or better and at least 40 credits must be gained in modules other than those in the ranges AN, HI, ME, MH, MO and DI2006.

Third Year: 60 credits in two of: ME3001 - ME3689, MO3026, MO3036, MO3037.

Fourth Year: **EITHER**

60 credits in one of: ME4701 - ME4889;

OR

30 credits: HI4997 **or** HI4998 **or** HI4999, with permission from the Chair of the Degree Committee;

30 further credits in one of: ME3001 - ME3689, MO3026, MO3036, MO3037 **or**, with permission from the Director of Teaching (ID4002 **with**, if necessary, HI4101).

Not more than 90 credits may be chosen from modules taught by any one member of staff and not more than 90 credits may be chosen from modules in British History.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Mediaeval History & Archaeology - Single Honours M.A.

First Year: 40 credits: ME1003 **and** ME1006.

Second Year: 20 credits: ME2003 – with a pass at grade 11 or better.

20 credits: AN2003 **or** HI2001 **or** MH2002 **or** MO2008.

Over the first two years, a further pass (other than ME2003) must be at 11 or better and at least 40 credits must be gained in modules other than those in the ranges AN, HI, ME, MH, MO and DI2006.

Third Year: 30 credits: AN3020;

60 credits: AN4117, AN4121, AN4125, AN4127, AN4130, AN4132, AN4145, CL4424, ME3101 - ME3189;

30 further credits: ME3001-ME3689.

Fourth Year: 30 credits: ME4998;

60 credits: ME4701 - ME4889

30 further credits: ME3001 - ME3689.

Not more than 120 credits may be chosen from modules taught by any one member of staff and not more than 150 credits may be chosen from modules in British History.

A student may, with permission of the Chair of the Degree Committee, substitute 30 credits in Third or Fourth Year for 3000-level or 4000-level credits in another School.

Mediaeval Studies - Single Honours M.A.

First and

Second Years: 240 credits in total, to meet the requirements of at least three groups:

Group A: EITHER

40 credits from two of: ME1003, ME1006, ME2003 - with passes at grade 11 or better.

OR

20 credits: HI2001– with a pass at grade 11 or better;

20 credits: ME1003 **or** ME1006 **or** ME2003 - with a pass at grade 11 or better;

20 credits: AN2002 **or** AN2003 **or** MH2002 **or** MO2008, unless ME2003 taken, in which case 20 credits from AN1000 - AN1099 **or** ME1000 - ME1099 **or** MO1000 - MO1099 may be substituted;

20 further credits: AN1000 - AN1099 **or** ME1000 - ME1099 **or** MO1000 - MO1099 **or** AN2002 **or** AN2003 **or** MH2002 **or** MO2008.

Group B: EITHER

20 credits: EN2003 - with a pass at grade 11 or better.

OR

60 credits: FR1001 **and** FR1002 **and** FR2021;

20 credits: FR2022 - with a pass at grade 11 or better.

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OR

40 credits: (GM1001 **with** GM1002) **or** (GM1003 **with** GM1004);

40 credits: (GM2001 **with** GM2004) **or** (GM2002 **with** GM2003) **or** (GM2007 **with** GM2010) **or** (GM2008 **with** GM2009) - with a pass at grade 11 or better in the Semester 2 module.

OR

40 credits: (IT1001 **and** IT1002) **or** (IT1003 **and** IT1004 **and** (IT1005 **or** IT1007) **and** (IT1006 **or** IT1008 **or** IT1012));

20 credits: IT2001;

20 credits: IT2002 - with a pass at grade 11 or better.

Group C: 20 credits: AH1001 **or** AH1002

Group D: 20 credits: PY1005 - PY1106;

40 credits: PY2001 - PY2103 - with passes at grade 11 or better.

Third and
Fourth Years:

240 credits, including between 30 and 120 credits from each of at least three groups:

Except that a student may, with permission of the Honours Adviser and any other school involved, take up to 30 credits towards the total in another subject or level.

Group A: AN4107, AN4108, ME3001 - ME3689, ME4701 - ME4889, MO3026, MO3036, MO3037, HI4999, (ID4002, with permission of Director of Teaching, **with** HI4101 if necessary and (HI4997 **or** HI4998) if desired);

Group B: EN3111 - EN3113, EN3412, EN4311, EN4314, EN4399, FR3013, FR3053, FR4114, FR4198, FR4199, GM3033, GM4076, GM4098, GM4099, IT3009, IT3012, IT4012, IT4098 - IT4099, RU3015, RU3107, RU3031, RU3032, RU4108, RU4198, RU4199, SP3011, SP4098, SP4099;

Group C: AH3102, AH3105, AH3113, AH4098, AH4101, AH4123, AH4134;

Group D: CL4410, PY4802, PY4819.

Not more than one of the following dissertation modules may be taken: AH4098, EN4399, FR4198, FR4199, GM4098, GM4099, HI4997 - HI4999, IT4098, IT4099, PY4802, RU4198, RU4199, SP4098, SP4099.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Middle East Studies - Joint Honours M.A.

Middle East Studies and one of: Arabic^W, Art History (European & North American Art), Classical Studies, Economics, English, Geography, German^W, Hebrew, International Relations, Italian^W, Latin, Management, Mediaeval History, Modern History, Russian^W, Social Anthropology, Spanish^W.

^W Available also as 'With Integrated Year Abroad' degree

Middle East Studies element of Joint Honours M.A.:

First Year: 40 credits: ME1003, MO1007, MO1008.

Second Year: 20 credits: MH2002 - with a pass at grade 11 or better.

20 credits: HI2001 **or** ME2003 **or** MO2008 - with a pass at grade 11 or better.

Third Year: At least 60 credits: IR3102, IR3109, ME3160 - ME3189, ME3601 - ME3689, MO3080 - MO3095, MO3180 - MO3195, MO3280 - MO3295, MO3380 - MO3395, MO3480 - MO3495, MO3580 - MO3595, MO3780 - MO3795.

Fourth Year: At least 30 credits: IR4507, IR4510, IR4520, IR4533, IR4099, HI4997, HI4998;
or, with permission from the Chair of the Degree Committee, HI4999, ME4850 - ME4895, MO4850 - MO4895;
or, with permission from the Director of Teaching, (ID4002 **with** HI4101).

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Admittance to 3000- and 4000-level IR modules requires permission from the Honours Advisers in Middle East Studies and International Relations. Students will normally be expected to have met the requirements for Honours entry to the School of International Relations.

Modern History - Single Honours M.A.

First Year: 40 credits: MO1007 **and** MO1008.

Second Year: 40 credits: MO2008 **and** HI2001 – with passes at grade 11 or better in both.

Over the first two years, at least 40 credits must be gained in modules other than those in the ranges AN, HI, ME, MH, MO and DI2006.

Third Year: 120 credits in four of: MO3001 - MO3795.

Fourth Year: 60 credits in one of: MO4801 - MO4995;

30 credits: HI4997 **or** HI4998 **or**, with permission from the Chair of the Degree Committee, HI4999;

A further 30 credits: MO3001 - MO3795 **or**, with permission from the Director of Teaching (ID4002 **with** HI4101).

Not more than 120 credits may be chosen from modules taught by any one member of staff and not more than 180 credits may be chosen from modules in British History. Students must take at least one module dealing with the period before 1815, and one module dealing with the period since 1815.

A student may, with permission of the Chair of the Degree Committee, substitute 30 MO credits in Third or Fourth Year for 3000-level or 4000-level credits in another subject.

Modern History - Joint Honours M.A.

Modern History and one of: Arabic^W, Art History, Classical Studies, Comparative Literature, Economics, English, Film Studies, French^W, Geography, German^W, International Relations, Italian^W, Latin, Management, Mathematics, Middle East Studies, New Testament, Philosophy, Psychology^T, Russian^W, Social Anthropology^T, Spanish^{W,T}, Theological Studies.

^W Available also as 'With Integrated Year Abroad' degree

^T Timetable clash exists, combination subject to arrangement by both Departments.

Modern History element of Joint Honours M.A.:

First Year: 40 credits: MO1007 **and** MO1008.

Second Year: 40 credits: MO2008 **and** HI2001 – with passes at grade 11 or better in both.

Over the first two years, at least 40 credits must be gained in modules other than those in the ranges AN, HI, ME, MH, MO and DI2006.

Third Year: 60 credits in two of: MO3001 - MO3795.

Fourth Year: **EITHER**

60 credits in one of: MO4801 - MO4995;

OR

60 credits including:

30 credits: HI4997 **or** HI4998 **or**, with permission from the Chair of the Degree Committee, HI4999;

30 further credits in one of: MO3001 - MO3795, **or**, with permission from the Director of Teaching (ID4002 **with** HI4101).

Not more than 90 credits may be chosen from modules taught by any one member of staff.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Scottish History - Single Honours M.A.

First Year: 20 credits: ME1006;
20 credits: ME1003 **or** MO1007 **or** MO1008.

Second Year: 20 credits: MO2008 - with a pass at grade 11 or better;
20 credits: HI2001 **or** ME2003 – with a pass at grade 11 or better.

Over the first two years, at least 40 credits must be gained in modules other than those in the ranges AN, HI, ME, MH, MO and DI2006.

Third Year: **EITHER**
120 credits in four of: ME3140 - ME3159, ME3301 - ME3389, MO3060 - MO3079, MO3160 - MO3179, MO3260 - MO3279, MO3360 - MO3379, MO3460 - MO3479, MO3560 - MO3579, MO3760 - MO3779;

OR, with permission from the Chair of the Degree Committee:

60 credits in two of: ME3140 - ME3159, ME3301 - ME3389, MO3060 - MO3079, MO3160 - MO3179, MO3260 - MO3279, MO3360 - MO3379, MO3460 - MO3479, MO3560 - MO3579, MO3760 - MO3779;

60 credits in two of: AN4103 - AN4133, ME3000 - ME3999, MO3000 - MO3999.

Fourth Year: 30 credits: HI4997 **or** HI4998 **or**, with permission from the Chair of the Degree Committee, HI4999;

60 credits: ME4750 - ME4789 **or** MO4801 - MO4849;

A further 30 credits in one of: ME3140 - ME3159, ME3301 - ME3389, MO3060 - MO3079, MO3160 - MO3179, MO3260 - MO3279, MO3360 - MO3379, MO3460 - MO3479, MO3560 - MO3579, MO3760 - MO3779, **or**, with permission from the Director of Teaching, (ID4002 **with** HI4101), **or**, with permission from the Chair of the Degree Committee and provided that no more than 30 credits from these modules were obtained in Third Year, AN4103 - AN4133, ME3000 - ME3999, MO3000 - MO3999.

Not more than 120 credits may be chosen from modules taught by any one member of staff.

A student may, with permission of the Chair of the Degree Committee, substitute 30 credits in Third or Fourth Year for 3000-level or 4000-level credits in another school.

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Scottish History - Joint Honours M.A.

Scottish History and one of: Classical Studies, English, Film Studies, Geography, International Relations, Italian^w, Mathematics, Philosophy, Russian^w, Social Anthropology, Spanish^w.

^w Available also as 'With Integrated Year Abroad' degrees.

First Year: 20 credits: ME1006;

20 credits: ME1003 **or** MO1007 **or** MO1008.

Second Year: 20 credits: MO2008 - with a pass at grade 11 or better;

20 credits: HI2001 **or** ME2003 - with a pass at grade 11 or better.

Third Year: 60 credits in two of: ME3140 - ME3159, ME3301 - ME3389, MO3060 - MO3079, MO3160 - MO3179, MO3260 - MO3279, MO3360 - MO3379, MO3460 - MO3479, MO3560 - MO3579, MO3760 - MO3779.

Fourth Year: **EITHER**

60 credits: ME4750 - ME4789, MO4801 - MO4849.

OR

30 credits: HI4997 **or** HI4998 **or**, with permission from the Chair of the Degree Committee, HI4999;

A further 30 credits: ME3140 - ME3159, ME3301 - ME3389, MO3060 - MO3079, MO3160 - MO3179, MO3260 - MO3279, MO3360 - MO3379, MO3460 - MO3479, MO3560 - MO3579, MO3760 - MO3779, or, with permission from the Director of Teaching, (ID4002 **with** HI4101).

Not more than 90 credits may be chosen from modules taught by any one member of staff.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

History (HI) Modules

HI2001 History as a Discipline : Development and Key Concepts				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	11.00 am Mon, Tue and Thu.			
	This module provides an introduction to key theoretical and methodological approaches which have characterised the emergence of History as a discipline since mediaeval times. It covers a number of influential historical schools and perspectives, which are taught thematically with reference to the mediaeval, early modern and late modern periods. The module builds on knowledge acquired by students during their first three semesters of study and equips them with the skills to undertake honours work in History.			
Programme module type:	Compulsory for Modern History. Optional for History, Mediaeval History, Mediaeval History and Archaeology, Mediaeval Studies, Middle East Studies, Scottish History			
Pre-requisite(s):	any 3 History modules (AN, ME or MO), including at least 1 at 2000-level.			
Anti-requisite(s):	MO2006			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50% Written Examination = 50%			
Module Co-ordinator:	Dr K Stevenson			

Mediaeval History (ME) Modules

ME1003 Transformation and Crisis in the Early Mediaeval World				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	10.00 am Tue, Wed and Thu.			
<p>The Middle Ages began with the fifth-century crisis of the Roman Empire. This module examines how political, cultural and social life changed in the Byzantine, British and 'barbarian' worlds in response to major upheavals. The first half focuses on the period up to the ninth century, exploring how the West dealt with the collapse and rebuilding of empire, and how the Eastern Empire responded to the Islamic caliphate. In the second half, the module studies how the emerging certainties of the eighth century fell away and new challenges were posed by new invaders, new ideas, and changes in the structures of society. In contrast the East witnessed a gradual Byzantine revival and re-emergence as a major power.</p>				
Programme module type:	Compulsory for Mediaeval History, Mediaeval History and Archaeology, Middle East Studies. Optional for History, Mediaeval Studies, Scottish History.			
Anti-requisite(s):	ME1001, ME1004			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 3-hour Written Examination = 50%			
Module Co-ordinator:	Dr A D Woolf			

ME1006 Scotland and the English Empire 1070 - 1500				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	10.00 am Tue, Wed and Thu.			
<p>From the aftermath of the Norman Conquest of England to the close of the Fifteenth Century, the history of the island of Britain centred on the development of two monarchies: the English crown and its dominions and the kingdom of Scotland. This module has at its core the relationship between the two realms and comparisons of the different but related societies they contained. The English and Scottish realms are examined as specific examples of northern European kingdoms in the high and later Middle Ages. Attention is paid to their internal development and to issues of national identity but weight is also given to the full range of contacts between the princes and peoples of Britain and the wider world, in particular via the Church and through extensive ties with France and the Low Countries.</p>				
Programme module type:	Compulsory for Mediaeval History, Mediaeval History and Archaeology, Scottish History. Optional for Mediaeval Studies, History.			
Anti-requisite(s):	ME2001, SC2003			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 3-hour Written Examination = 50%			
Module Co-ordinator:	Dr M Brown			

ME2003 Europe in the High Middle Ages				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	3.00 pm Mon, Tue and Thu.			
<p>This module surveys European history from the eleventh to the fourteenth centuries, a period known as the "High Middle Ages". Rather than providing an exhaustive chronology of political events, the course examines key themes that helped to shape Western Europe in this period. This will enable students to understand not just the major events that occurred in the period (including, for example, the contest between the Western Emperors and the Popes, or the Crusades), but also the mentalities and lives of the people who experienced them. Topics such as belief, dissent and private life are considered alongside more traditional areas like the development of national governments and trade. The module, while self-contained and coherent, will follow neatly on from ME1003, a module dealing with the transformation of Europe in the early Middle Ages.</p>				
Programme module type:	Compulsory for Mediaeval History, Mediaeval History and Archaeology. Optional for History, Middle East Studies, Scottish History.			
Anti-requisite(s):	ME1004, ME2001, ME2004			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 3-hour Written Examination = 50%			
Module Co-ordinator:	Dr A D Stewart			

Modern History (ME) Modules

MO1007 The Early Modern Western World, c. 1450 - c. 1770				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	12.00 noon Mon, Tue and Thu.			
<p>This module will look at continental European history in the early modern period, and the expansion of Europe. The British Isles will not be a major focus of this module, but British material will be touched upon as part of broader European comparative treatment of several themes. The module will be structured into two halves: "New Worlds" and "The Struggle for Order": the first half will focus more (but not exclusively) on the period c.1450 - c.1600, the second half more on the period c.1600 - c.1770.</p>				
Programme module type:	Compulsory for Middle East Studies, Modern History. Optional for History, Scottish History.			
Anti-requisite(s):	MO1005, MO1006			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 3-hour Written Examination = 50%			
Module Co-ordinator:	Dr G R Rowlands			

History - 1000 & 2000 Level 2012/13 - August 2012

MO1008 Themes in Late Modern History (c. 1776 - 1989)				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	12.00 noon Mon, Tue and Thu.			
This module provides a thematic coverage of major political and social developments in the Western world during the 19th and 20th centuries. By adopting a thematic rather than chronological structure, it highlights continuities and ruptures in modern European, American and Middle Eastern history, with an emphasis on comparative approaches to subjects like revolution, ideology and rapid social and cultural change that have shaped the modern world.				
Programme module type:	Compulsory for Middle East Studies, Modern History. Optional for History, Scottish History.			
Anti-requisite(s):	MO2007			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 3-hour Written Examination = 50%			
Module Co-ordinator:	Dr G Mitchell			

MO2008 Scotland, Britain and Empire, c. 1500 - 2000				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	11.00 am Mon, Tue and Thu.			
This module provides an introduction to how and why the British nation state evolved from the separate kingdoms of England, Scotland and Ireland and how and why it has survived over the last three centuries. Such a project involves an analysis of the shifting relations between the component parts of the British Isles, and their overseas imperial activities, between 1500 - 2000. The core of the module is political history, broadly defined, and to facilitate more in-depth analysis of the range of factors impacting on political developments, the period is divided into four thematically coherent eras: the Reformations and the Making of Britain 1500 -1660; Britain and the Atlantic World 1660 - 1815; Industrial Britain and the Rise of Empire 1750 - 1918; the Decline and Fall of Empire: Britain in the Twentieth Century.				
Programme module type:	Compulsory for Modern History. Optional for History, Mediaeval History, Mediaeval History and Archaeology, Middle East Studies.			
Anti-requisite(s):	SC2004			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 3-hour Written Examination = 50%			
Module Co-ordinator:	Dr A K Fyfe			

School of International Relations

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

International Relations - Single Honours M.A.

First Year: 40 credits: IR1005 **and** IR1006.
 Second Year: 40 credits: IR2005 **and** IR2006 - with passes at grade 11 or better in both.
 Third Year: 120 credits in four of: IR3000 - IR3999.
 Fourth Year: 60 credits: IR4099;
 60 further credits in two of: IR4000 - IR4999.

With the permission of the Director of Teaching and the relevant Head of School, 30 x 3000-level or 4000-level credits may be taken from another subject.

International Relations - Joint Honours M.A.

International Relations and one of: Arabic^W, Art History, Biblical Studies, Classical Studies, Comparative Literature, Economics, Film Studies, French^W, Geography, German^W, Italian^W, Management, Mathematics, Mediaeval History^T, Middle East Studies, Modern History, Philosophy, Psychology, Russian^W, Scottish History, Social Anthropology, Spanish^W, Theological Studies^T

^W Available also as 'With Integrated Year Abroad' degrees

^T Timetable clash exists therefore this combination is subject to arrangement with both departments

International Relations element of Joint Honours M.A.:

First Year: 40 credits: IR1005 **and** IR1006.
 Second Year: 40 credits: IR2005 **and** IR2006 - with passes at grade 11 or better in both.
 Third Year: 60 credits in two of: IR3000 - IR3999.
 Fourth Year: 60 credits in two of: IR4000 - IR4999.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

International Relations - Triple Honours M.A.

Modern Languages (two languages) and International Relations^w

The possible two language combinations are: French-German, French-Italian, French-Russian, French-Spanish, German-Italian, German-Russian, German-Spanish, Italian-Russian, Italian-Spanish, Russian-Spanish

^w Available also as 'With Integrated Year Abroad' degrees

International Relations element of M.A. Honours including two Modern Languages:

First Year: 40 credits: IR1005 **and** IR1006.

Second Year: 40 credits: IR2005 **and** IR2006 - with passes at grade 11 or better in both.

Third Year: Between 30 and 60 credits: IR3000 - IR3999.

Fourth Year: Between 30 and 60 credits: IR4000 - IR4999.

In total, 240 credits must be achieved at 3000 and 4000 level, of which 90 credits must be in International Relations, including at least 90 credits in total at 4000 level.

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

International Relations (IR) Modules

IR1005 Introduction to International Relations				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Availability restrictions:	Available only to First Year students in the Faculties of Arts and Divinity.			
Planned timetable:	10.00 am Tue, Wed, Thu.			
This module provides students with some of the basic theoretical approaches and concepts used in the study of international relations. At the same time it relates these concepts to international conflict, attempts to create a more peaceful international order, and the problems of a globalising world.				
Programme module type:	Compulsory for International Relations			
Pre-requisite(s):	AAAA at Higher or AAA at A-Level or IB38.			
Required for:	IR1006, IR2005, IR2006			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 70 hours		Guided independent study: 130 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr M F Imber			

IR1006 Foreign Policy Analysis and International Security				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	10.00 am Tue, Wed, Thu.			
This module looks at the way states make foreign policy and the importance of security to this process. We start by looking at the domestic context, move on to issues of security, explore the way individual states shape their policy and the extent to which their actions are shaped by international regimes, law and diplomacy.				
Programme module type:	Compulsory for International Relations			
Pre-requisite(s):	IR1005	Required for:	IR2005, IR2006	
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 70 hours		Guided independent study: 130 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr M F Imber			

International Relations – 1000 & 2000 Level 2012/13 - August 2012

IR2005 Theoretical Approaches to International Relations				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	4.00 pm Tue, Thu.			
<p>Theory is central to the discipline of International Relations. It is theory that distinguishes the field from the study history, current affairs or journalism and makes the subject area more than simple descriptive thought. This module examines the main current theories in IR and provides an overview of their main theoretical approaches to the study of IR, from Liberalism and Realism; through Constructivism and the English School, to radical Marxist and Neo-Marxist perspectives as well Feminism, Post-Colonialism and Postmodernism. The main purpose of this module is to facilitate a comprehensive understanding of how major scholars, past and contemporary, have theorised about the dynamics of international relations. The theories generally make a number of propositions which sometimes offer conflicting perspectives, but also occasionally overlap. Our main task will be to outline, critique, compare and contrast the assumptions and values which underlie each of these theories so students may enhance their own critical understanding of International Relations as well as form their own perspectives.</p>				
Programme module type:	Compulsory for International Relations			
Pre-requisite(s):	IR1005 and IR1006	Required for:	IR2006	
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and 1 tutorial.			
	Scheduled learning: 60 hours		Guided independent study: 140 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Class Test = 20%, 2-hour Written Examination = 40%			
Module Co-ordinator:	Dr C E Gentry			

IR2006 Issues in International Relations				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	4.00 pm Tue, Thu.			
<p>Building on IR2005's discussion of theoretical approaches to International Relations, this module will explore how these relate to some of the issues that confront those engaged in the world of international politics. The introduction to the module will reiterate why theory matters and each week the lecturers will approach the individual issues through one of two theoretical lenses, though there will be no single model applied to all cases. These will include: terrorism and asymmetric warfare, non-proliferation and weapons of mass destruction, 'new wars', humanitarian intervention and its limits, human rights, religion, aid and development, environmental change, regionalism.</p>				
Programme module type:	Compulsory for International Relations			
Pre-requisite(s):	IR2005			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and 1 tutorial.			
	Scheduled learning: 60 hours		Guided independent study: 140 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Class Test = 20%, 2-hour Written Examination = 40%			
Module Co-ordinator:	Dr C E Gentry			

School of Management

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Exchange Schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Management - Single Honours B.Sc. or M.A.

First Year:	40 credits: MN1001 and MN1002
Second Year:	40 credits: MN2001 and MN2002 - with mean grade 11 or better.
Third Year:	60 credits: MN3102 and MN3201 and MN3202; 60 further credits: MN3101 - MN4202 and MN4204 and MN4210 - MN4299.
Fourth Year:	20 credits: MN4203; 80 further credits in four of: MN4000 - MN4299; 20 further credits in one of: MN3101 - MN4989.

In Third and Fourth Years, 20 credits may be substituted by credits from another School or ID modules, with the permission of the Honours Adviser and the relevant Head of School.

Management - 1000 & 2000 Level 2012/13 - August 2012

Management - Joint Honours B.Sc. or M.A.	
(B.Sc. Honours) Management and one of: Computer Science, Economics, Geography ^T	(M.A. Honours) Management and one of: Arabic ^W , Art History, Classics, Comparative Literature, Economics, English, French ^W , Geography ^T , German ^{WG} , International Relations, Italian ^W , Middle East Studies, Modern History, Philosophy, Psychology, Russian ^{TW} , Spanish ^W
^G This combination is only available to non-beginners in German ^T Timetable clash exists - with Geography: Second level Lecture/Lab. Timetable clash means students choose non-clashing lab hours in Geography ^W Available also as 'With Integrated Year Abroad' degrees - with Russian: contact Russian for alternative class hours	
First Year: 40 credits: MN1001 and MN1002 Second Year: 40 credits: MN2001 and MN2002 - with mean grade 11 or better. Third Year: 20 credits: MN3102; 40 credits in two of: MN3101 - MN3195, MN4101- MN4195, MN4202, MN4204, MN4210 - MN4299. Fourth Year: 20 credits: MN4203; 40 further credits in two of: MN4101- MN4195, MN4202, MN4204, MN4210 - MN4299.	
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Management - Triple Honours M.A.
Modern Languages (two languages) and Management^W The possible two language combinations are as follows: French-German ^G , French-Italian, French-Russian, French-Spanish, German-Italian ^G , German-Russian ^{GT} , German-Spanish ^G , Italian-Russian ^T , Italian-Spanish, Russian-Spanish ^T ^G This combination is only available to non-beginners in German ^T Timetable clash exists - contact Russian for alternative class hours ^W All the above are available also as 'With Integrated Year Abroad' degrees
Management element of M.A. Honours including two Modern Languages: First Year: 40 credits: MN1001 and MN1002 Second Year: 40 credits: MN2001 and MN2002 - with mean grade 11 or better. Third Year: 20 credits: MN3102; Up to 40 credits: MN3101 - MN3195, MN4101- MN4195, MN4202, MN4204, MN4210 - MN4299. Fourth Year: 20 credits: MN4203; Up to 40 further credits: MN4101- MN4195, MN4202, MN4204, MN4210 - MN4989, if necessary, to a total of between 60 and 100 credits in Management across Third and Fourth Years.
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Management Science - Single Honours B.Sc.

First Year:	60 credits: MN1001 and MN1002 and MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i>
Second Year:	40 credits: MN2001 and MN2002 - with mean grade 11 or better; 60 credits: MT2001 (unless taken in First Year) and MT2004.
Third Year:	80 credits: MN3101 and MN3102 and MN3201 and MN3202; 15 credits: MT3832 or MT3833; Between 15 and 30 credits: MT3706, MT4527, MT4608 - according to availability on a 2-year cycle.
Fourth Year:	20 credits: MN4203; Further credits: MT3706 or MT4527 or MT4608 if necessary, to a total of 30 credits from these modules; 15 further credits: MT3832 or MT3833; 80 further credits: MN3101 - MN4989.
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Management Science - Joint Honours B.Sc.

Management Science and one of: Computer Science, Economics, Geography, Mathematics, Statistics

First Year:	60 credits: MN1001 and MN1002 and MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1, otherwise MT2001 recommended in this Year.)</i>
Second Year:	40 credits: MN2001 and MN2002 - with mean grade 11 or better; 30 credits: MT2001 (unless taken in First Year, in which case MT2004 recommended).
Third Year:	40 credits: MN3101 and MN3102 15 credits: MT3832 or MT3833;
Fourth Year:	20 credits: MN4203; 15 further credits: MT3832 or MT3833; Between 20 and 40 further credits: MN4101- MN4195, MN4202, MN4204, MN4210 - MN4989.
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Management (MN) Modules

MN1001 Organisations and Society				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	4.00 pm			
This module introduces students to three aspects of Management. Firstly, Understanding the Business Environment analyses changes in key environmental forces, the impact of such changes on organisations and the implications for managers. People and Work looks at theoretical perspectives and practical problems in understanding people at work and how they are managed, and finally Theories of Organisations takes an historical view of managerial ideas and concepts.				
Programme module type:	Compulsory for all Management and Management Science degrees			
Required for:	MN2001, MN2002			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures and 1 tutorial.			
	Scheduled learning: 74 hours		Guided independent study: 126 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 40%, 2-hour Examination = 60%			
Module Co-ordinator:	Mrs D McGoldrick			
Lecturer(s)/Tutor(s):	Team taught			

MN1002 Organisations and Analysis				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	4.00 pm			
This module examines some of the main analytical approaches and techniques required by managers. It examines how managers can acquire and analyse business data and provides an introduction to financial accounting concepts and techniques. Finally, the integration of these approaches is developed by the use of a case study.				
Programme module type:	Compulsory for all Management and Management Science degrees			
Required for:	MN2001, MN2002			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures and 1 class.			
	Scheduled learning: 74 hours		Guided independent study: 126 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 70%, Practical Examinations = 0%, Coursework = 30%			
	As used by St Andrews: Coursework = 40%, 2-hour Examination = 60%			
Module Co-ordinator:	Mrs D McGoldrick			
Lecturer(s)/Tutor(s):	Team taught			

Management - 1000 & 2000 Level 2012/13 - August 2012

MN2001 Management and Society				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	3.00 pm			
<p>The multidisciplinary nature of management is reflected in this module. It examines the conceptual frameworks and techniques of Marketing and Organisational Behaviour which are complementary to one another in reflecting the organisation's relation to its internal and external environment. In doing so, the module will develop an understanding of the growth of Marketing and its role in management, give consideration to how the behaviour of individuals and groups in organisations may be understood and managed and also show how managers might better appreciate the markets and market forces they are committed to dealing with.</p>				
Programme module type:	Compulsory for all Management and Management Science degrees			
Pre-requisite(s):	MN1001 and MN1002	Required for:	MN4227, MN4238	
Learning and teaching methods and delivery:	Weekly contact: 4 lectures and 1 tutorial.			
	Scheduled learning: 74 hours		Guided independent study: 126 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 30%, 2-hour Examination = 70%			
Module Co-ordinator:	Mrs D McGoldrick			
Lecturer(s)/Tutor(s):	Team taught			

MN2002 Management and Analysis				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	3.00 pm			
<p>This module comprises two components and further develops the analytical skills and insights required for Management. Firstly, Economic Theories of the Firm investigates the ways in which a firm's environment, corporate objectives and organisational form may affect the organisation's behaviour and performance. Secondly, the Analysis of Financial Data component seeks to engage with accounting from a broader sociological perspective through trying to make sense of the production and impact of accounting knowledge and the effects that it can have upon organisations and society alike. It will develop an understanding of accounting that is firmly rooted within the broader context of society and will highlight the way in which accounting figures are constructed, used and the effects they can have. A number of well-known financial techniques for analysing organisations are introduced.</p>				
Programme module type:	Compulsory for all Management and Management Science degrees			
Pre-requisite(s):	MN1001 and MN1002			
Required for:	MN4227, MN4238, MT3832			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures and 1 tutorial.			
	Scheduled learning: 76 hours		Guided independent study: 124 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 30%, 2-hour Examination = 70%			
Module Co-ordinator:	Mrs D McGoldrick			
Lecturer(s)/Tutor(s):	Team taught			

Management - 1000 & 2000 Level 2012/13 - August 2012

MN2112 Enterprise and Creativity			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 1
Planned timetable:	1.00 pm Tue and 1.00 pm Thu.		
<p>Enterprise and Creativity aims to give Second Level students across the university, the opportunity to learn how to develop a project by doing it. Enhancing their own creativity and enterprise skills, students will be working in teams to design and deliver an enterprising project. The success of the module relies on students taking a proactive role in managing their learning. The module will incorporate lectures, delivered by staff from different Schools, and tutorials where students will be expected to generate their own results, using the materials provided. This module is demanding but it will offer students a life-changing experience.</p>			
Programme module type:	Available to any degree programme.		
Learning and teaching methods and delivery:	Weekly contact: Weekly lectures plus tutorials.		
	Scheduled learning: 58 hours	Guided independent study: 142 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%		
	As used by St Andrews: Coursework = 60%, 2-hour Examination = 40%		
Module Co-ordinator:	Ms B S Hacking		
Lecturer(s)/Tutor(s):	Team taught		

School of Mathematics & Statistics

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

M.Math. Honours

The general requirements are 600 credits over a period of normally five years (or four years with advanced standing credits) and in no circumstances more than six years or part-time equivalent, of which the final years form an approved Honours programme of at least 330 credits of which 120 credits are at 5000 level and at least a further 210 credits are at 3000 level and above.

Exchange scheme: In the case of students who spend part of the B.Sc./M.A. Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Applied Mathematics - Single Honours (5-year) M.Math.

First Year: 20 credits: MT1002.

(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)

Second Year: 60 credits: MT2001 **and** MT2003 – with a pass at grade 15 or better in both.

Third, Fourth and Fifth Years:

45 credits: MT3501 **and** MT3503 **and** MT3504;

60 credits: MT3601 **and** MT4005 **and** MT4509 **and** MT4510;

Between 15 and 20 credits: MT4112 (recommended) **or** MT4111 **or** MT5611;

60 credits: MT5802, MT5806, MT5809, MT5810, MT5990;

40 credits: MT5999 (Fifth Year only);

20 further credits: MT5000 - MT5753, MT5757 - MT5999, ID5059;

Further credits: MT3000 - MT5753, MT5757 - MT5999, ID5059, to a total of 360 credits across Third, Fourth and Fifth Years, except that 30 of these credits in Third or Fourth Year may be substituted by credits from another Level or School, with permission of the Adviser of Studies and any other School involved.

In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level, including at least 120 credits at 5000 level.

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Applied Mathematics - Single Honours M.Math. (Fast Track)

Approved candidates will be awarded 60 advanced standing credits

First Year: 20 credits: MT1002;
30 credits: MT2001 - with a pass at grade 15 or better.

Second Year: 30 credits: MT2003 - with a pass at grade 15 or better;
30 credits: MT3501, MT3503, MT3504;
30 further credits: MT2000 - MT4999.

Third and Fourth Years:

15 further credits: MT3501 **or** MT3503 **or** MT3504;
60 credits: MT3601 **and** MT4005 **and** MT4509 **and** MT4510;
Between 15 and 20 credits: MT4112 (recommended) **or** MT4111 **or** MT5611;
60 credits: MT5802, MT5806, MT5809, MT5810, MT5990;
40 credits: MT5999 (Fifth Year only);
20 further credits: MT5000 - MT5753, MT5757 - MT5999, ID5059;
Further credits: MT3000 - MT5753, MT5757 - MT5999, ID5059, to a total of 300 credits across Third and Fourth Years.

In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level, including at least 120 credits at 5000 level.

Mathematics - Single Honours B.Sc. or M.A.

First Year: 20 credits: MT1002.
(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)

Second Year: 30 credits: MT2001 – with a pass at grade 11 or better;
At least 30 credits: MT2002 - MT2005 – with a pass at grade 11 or better in one of these.

Third and Fourth Years:

45 credits: MT3501 **and** MT3503 **and** MT3504;
15 credits: MT3600 **or** MT3601 **or** MT3606;
15 credits: MT3607 **or** MT4111 **or** MT4112;
15 credits: MT4599 (in Fourth Year only);
150 further credits: MT3000 - MT4999, except that 30 of these credits in Third Year may be substituted by credits from another Level or School, with permission of the Adviser of Studies and any other School involved.

In total, at least 210 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Mathematics - Joint Honours B.Sc. or M.A.	
(B.Sc. Honours) Mathematics and one of: Biology, Chemistry, Computer Science, Economics, Geography, Internet Computer Science ^N , Logic & Philosophy of Science, Management Science, Physics, Psychology ^N Not available to entrants from 2011-12	(M.A. Honours) Mathematics and one of: Ancient History, Arabic ^W , Art History, Biblical Studies, Classical Studies, Economics, German ^W , Hebrew, International Relations, Italian ^W , Latin, Mediaeval History, Modern History, Philosophy, Psychology, Russian ^W , Scottish History, Spanish ^W , Theological Studies ^W Available also as 'With Integrated Year Abroad' degree
Mathematics element of Joint B.Sc. or M.A. Honours (except Mathematics and Physics): First Year: 20 credits: MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i> Second Year: 30 credits: MT2001 – with a pass at grade 11 or better; 30 credits: MT2002 (for Pure Maths options) or MT2003 (for Applied Maths options) – with a pass at grade 11 or better. Third and Fourth Years: 30 credits: MT3501, MT3503, MT3504; 15 credits: MT3600 or MT3601; 15 credits: MT4111 or MT 4112; 15 credits: MT4599 (in Fourth Year only); 45 further credits: MT3000 - MT4999. In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

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Mathematics – Single Honours (5-year) M.Math.

First Year: 20 credits: MT1002.
(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)

Second Year: 30 credits: MT2001 – with a pass at grade 15 or better;
60 credits: MT2002 - MT2005 – with a pass at grade 15 or better in one of these and a pass at grade 11 better in another.

Third, Fourth and Fifth Years:

45 credits: MT3501 **and** MT3503 **and** MT3504;
15 credits: MT3600 **or** MT3601 **or** MT3606;
30 credits: MT4003 - MT4004, MT4509 – MT4510, MT4606;
Between 15 and 20 credits: MT3607 **or** MT4111 **or** MT4112 **or** MT5611;
60 credits: MT5751 - MT5753, MT5757, MT5758, MT5802, MT5806, MT5809, MT5810, MT5823 - MT5830, MT5990, ID5059;
40 credits: MT5999 (Fifth Year only);
20 further credits: MT5000 - MT5753, MT5757 - MT5999, ID5059;
Further credits: MT3000 - MT5753, MT5757 - MT5999, ID5059, to a total of 360 credits across Third, Fourth and Fifth Years, except that 30 of these credits in Third or Fourth Year may be substituted by credits from another Level or School, with permission of the Adviser of Studies and any other School involved.

In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level, including at least 120 credits at 5000 level.

Mathematics - Single Honours M.Math. (Fast Track)

Approved candidates will be awarded 60 advanced standing credits

First Year: 20 credits: MT1002;
30 credits: MT2001 – with a pass at grade 15 or better.

Second Year: 60 credits: MT2002 - MT2005 – with a pass at grade 15 or better in one of these and a pass at grade 11 better in another.
30 credits: MT3501, MT3503, MT3504;
30 further credits: MT2000 – MT4999.

Third and Fourth Years:

15 further credits: MT3501 **or** MT3503 **or** MT3504;
15 credits: MT3600 **or** MT3601 **or** MT3606;
30 credits: MT4003 - MT4004, MT4509 – MT4510, MT4606;
Between 15 and 20 credits: MT3607 **or** MT4111 **or** MT4112 **or** MT5611;
60 credits: MT5751 - MT5753, MT5757, MT5758, MT5802, MT5806, MT5809, MT5810, MT5823 - MT5830, MT5990, ID5059;
40 credits: MT5999 (Fifth Year only);
20 further credits: MT5000 - MT5753, MT5757 - MT5999, ID5059;
Further credits: MT3000 - MT5753, MT5757 - MT5999, ID5059, to a total of 300 credits from these ranges across Third and Fourth Years.

In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level, including at least 120 credits at 5000 level.

Pure Mathematics – Single Honours (5-year) M.Math.

First Year: 20 credits: MT1002.
(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)

Second Year: 60 credits: MT2001 **and** MT2002 – with a pass at grade 15 or better in both.

Third, Fourth and Fifth Years: 45 credits: MT3501 **and** MT3503 **and** MT3504;
 45 credits: MT3600 **and** MT4003 **and** MT4004;
 Between 15 and 20 credits: MT4111 **or** MT4112 **or** MT5611;
 60 credits: MT5823 – MT5830, MT5990;
 40 credits: MT5999 (Fifth Year only);
 20 further credits: MT5000 - MT5753, MT5757 - MT5999, ID5059;
 Further credits: MT3000 - MT5753, MT5757 - MT5999, ID5059, to a total of 360 credits across Third, Fourth and Fifth Years, except that 30 of these credits in Third or Fourth Year may be substituted by credits from another Level or School, with permission of the Adviser of Studies and any other School involved.

In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level, including at least 120 credits at 5000 level.

Pure Mathematics – Single Honours M.Math. (Fast Track)

Approved candidates will be awarded 60 advanced standing credits

First Year: 20 credits: MT1002;
 30 credits: MT2001 – with a pass at grade 15 or better.

Second Year: 30 credits: MT2002 – with a pass at grade 15 or better
 30 credits: MT3501, MT3503, MT3504;
 30 further credits: MT2000 – MT4999.

Third and Fourth Years:
 15 further credits: MT3501 **or** MT3503 **or** MT3504;
 45 credits: MT3600 **and** MT4003 **and** MT4004;
 Between 15 and 20 credits: MT4111 **or** MT4112 **or** MT5611;
 60 credits: MT5823 – MT5830, MT5990;
 40 credits: MT5999 (Fifth Year only);
 20 further credits: MT5000 - MT5753, MT5757 - MT5999, ID5059;
 Further credits: MT3000 - MT5753, MT5757 - MT5999, ID5059, to a total of 300 credits across Third and Fourth Years.

In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level, including at least 120 credits at 5000 level.

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Mathematics 'with' ... - Honours B.Sc.	
(B.Sc. Honours) Mathematics with one of: French ^{W N} , German ^{W N} , Geography ^N Not available to entrants from 2008-09 ^W Available also as 'With Integrated Year Abroad' degree	(M.A. Honours) Mathematics with either Russian ^W or Spanish ^W ^W Available also as 'With Integrated Year Abroad' degree
<p>Mathematics Major element of B.Sc. or M.A. Honours 'with' degree:</p> <p>First Year: 20 credits: MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i></p> <p>Second Year: 30 credits: MT2001 – with a pass at grade 11 or better; 30 credits: MT2002 (for Pure Maths options) or MT2003 (for Applied Maths options) – with a pass at grade 11 or better.</p> <p>Third and Fourth Years: 30 credits: MT3501, MT3503, MT3504; 15 credits: MT3600 or MT3601; 15 credits: MT4111 or MT 4112; 15 credits: MT4599 (in Fourth Year only); 105 further credits: MT3000 - MT4999.</p> <p>In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.</p>	

Mathematics and Physics - Joint Honours B.Sc.	
<p>First Year: 60 credits: PH1011 and PH1012 and MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i></p> <p>Second Year: 90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 11 or better in all; 30 credits: MT2002 or MT2003 - with a pass at grade 11 or better.</p> <p>Third and Fourth Years (Maths): 30 credits in two of: MT3501, MT3503, MT3504; 15 credits: MT3600 or MT3601; 15 credits: MT4111 or MT 4112 (unless PH3080 taken); 15 credits: MT4599 (in Fourth Year only); 45 further credits: MT3000 - MT4999.</p> <p>Third Year (Physics): EITHER (if MT2003 taken in Second Year): 50 credits: PH3007 and PH3012 and PH3061 and PH3062; 10 credits: PH3080 (unless MT4111 or MT4112 taken). OR (if MT2003 not taken in Second Year): 50 credits: PH3012 and PH3061 and PH3062 and PH3081; 10 credits: PH3080 (unless MT4111 or MT4112 taken).</p> <p>Fourth Year (Physics): EITHER (if MT2003 taken in Second Year): 25 credits: PH4022 and PH4039; At least 30 further credits: AS3000-AS5999, PH3000 - PH4110, PH5000 - PH5099. OR (if MT2003 not taken in Second Year): 40 credits: PH3007 and PH4022 and PH4039; At least 15 further credits: AS3000 - AS5999, PH3000 - PH4110, PH5000 - PH5099.</p> <p>In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.</p>	

Mathematics and Theoretical Physics – Joint Honours M.Phys.

First Year:	60 credits: PH1011 and PH1012 and MT1002.
Second Year:	90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 15 or better in all. 30 credits: MT2002 or MT2003 - with a pass at grade 15 or better.
Third Year:	EITHER (if MT2003 taken in Second Year): 50 credits: PH3007 and PH3012 and PH3061 - PH3062; 45 credits: MT3501 and MT3504 and MT3601; At least 10 credits: MT4111 or MT4112 or PH3080; 15 credits: MT4507 or PH4038. OR (if MT2003 not taken in Second Year): 50 credits: PH3012 and PH3061 - PH3062 and PH3081; 30 credits: MT3501 and MT3504; At least 10 credits: MT4111 or MT4112 or PH3080; 15 credits: MT4507 or PH4038. 15 further credits: MT3000 - MT4598 or MT4600 - MT4699.
Fourth Year:	EITHER (if MT2003 taken in Second Year): 40 credits: PH4022 and PH 4032 and PH4039; At least 20 further credits: AS3000 – AS4999, PH3000 - PH4109, ID4001; At least 60 further credits: MT3000 - MT4598, MT4600 - MT4699, MT5000 -MT5899. OR (if MT2003 not taken in Second Year): 70 credits: MT3601 and PH3007 and PH4022 and PH4032 and PH4039; At least 45 further credits: MT3000 - MT4598, MT4600 - MT4699, MT5000 - MT5899.
Fifth Year:	At least 40 credits: MT5999 or PH5102; 30 credits: PH5002 and PH5004; 15 credits: PH5003 or PH5011 or PH5012 (unless already taken in Fourth Year); At least 40 credits: MT5000 - MT5899 (unless already taken in Fourth Year); Further credits if necessary to a total of 180 across Third, Fourth and Fifth Years from 3000 - , 4000 - and 5000 - level MT modules (except that 30 further credits from MT2000 - MT2999 may be substituted).
In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level with at least 120 of these at 5000 level.	

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Mathematics and Theoretical Physics – Joint Honours M.Phys.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	20 credits: MT1002; 90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 15 or better in all. 30 credits: MT2002 or MT2003 - with a pass at grade 15 or better.
Third Year:	EITHER (if MT2003 taken in Second Year): 50 credits: PH3007 and PH3012 and PH3061 - PH3062; 45 credits: MT3501 and MT3504 and MT3601; At least 10 credits: MT4111 or MT4112 or PH3080; 15 credits: MT4507 or PH4038. OR (if MT2003 not taken in Second Year): 50 credits: PH3012 and PH3061 - PH3062 and PH3081; 30 credits: MT3501 and MT3504; At least 10 credits: MT4111 or MT4112 or PH3080; 15 credits: MT4507 or PH4038. 15 further credits: MT3000 - MT4598 or MT4600 - MT4699.
Fourth Year:	EITHER (if MT2003 taken in Second Year): 40 credits: PH4022 and PH 4032 and PH4039; At least 20 further credits: AS3000 – AS4999, PH3000 - PH4109, ID4001; At least 60 further credits: MT3000 - MT4598, MT4600 - MT4699, MT5000 -MT5899. OR (if MT2003 not taken in Second Year): 70 credits: MT3601 and PH3007 and PH4022 and PH4032 and PH4039; At least 45 further credits: MT3000 - MT4598, MT4600 - MT4699, MT5000 - MT5899.
Fifth Year:	At least 40 credits: MT5999 or PH5102; 30 credits: PH5002 and PH5004; 15 credits: PH5003 or PH5011 or PH5012 (unless already taken in Fourth Year); At least 40 credits: MT5000 - MT5899 (unless already taken in Fourth Year); Further credits if necessary to a total of 180 across Third, Fourth and Fifth Years from 3000 - , 4000 - and 5000 - level MT modules (except that 30 further credits from MT2000 - MT2999 may be substituted).
	In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level with at least 120 of these at 5000 level.

Chemistry with Mathematics - Joint Honours M.Chem

First Year:	80 credits: CH1401 and CH1402 and CH1601 and MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i>
Second Year:	90 credits: CH2501 and CH2701 and MT2001 - with passes at grade 15 or better in all three; 30 credits: MT2002 (for Pure Maths options) or MT2003 (for Applied Maths options).
Third Year (Chemistry):	20 credits: CH3441; 60 credits: CH3431, CH3514, CH3512, CH3521, CH3615, CH3621, CH3712, CH3715, CH3717, CH3721;
Fourth Year (Chemistry):	40 credits: CH4442; 30 credits: CH4514, CH4515, CH4614, CH4612, CH4613, CH4714, CH4712, CH4713;
Third and Fourth Years (Maths):	30 credits: MT3501, MT3503, MT3504; 15 credits: MT3600 or MT3601; 45 further credits: MT3000 - MT4598, MT4600 - MT4999.
Fifth Year:	90 credits: CH5441 and CH5461 and CH5711 and CH5712 and CH5713 and CH5714; 30 credits: CH5511, CH5516 - CH5518, CH5611 - CH5616, CH5717 - CH5718.

Statistics - Single Honours B.Sc. or M.A.

First Year:	20 credits: MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i>
Second Year:	60 credits: MT2001 and MT2004 - with passes at grade 11 or better in both.
Third and Fourth Years:	60 credits: MT3501 and MT3606 and MT4606 and MT4607; 30 credits: MT4531, MT4608, MT4609; 15 credits: MT3607 (recommended) or MT4111 or MT4112; 15 credits: MT4599 (in Fourth Year only); 120 further credits: MT3000 - MT4999, except that 30 of these credits in Third Year may be substituted by credits from another Level or School, with permission of the Adviser of Studies and any other School involved.
In total, at least 210 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Mathematics & Statistics - 1000 & 2000 Level 2012/13 - August 2012

Statistics - Joint Honours B.Sc. or M.A.	
(B.Sc. Honours)	(M.A. Honours)
Statistics and one of: Biology, Computer Science, Economics, Geography, Internet Computer Science ^N , Logic & Philosophy of Science, Management Science ^N Not available to entrants from 2011-12	Statistics and either Economics or Philosophy
Statistics element of Joint Honours B.Sc. or M.A. First Year: 20 credits: MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i> Second Year: 60 credits: MT2001 and MT2004 - with passes at grade 11 or better in both. Third and Fourth Years: 30 credits: MT3501 and MT3606; 30 credits: MT3706, MT4531, MT4606 - MT4609; 15 credits: MT4599 (in Fourth Year only); 45 further credits: MT3000 - MT4999. In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Statistics - Single Honours (5-year) M.Math.	
First Year: 20 credits: MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i> Second Year: 60 credits: MT2001 and MT2004 – with a pass at grade 15 or better in both. Third, Fourth and Fifth Years: 65 credits: MT3501 and MT3606 and MT3607 and MT5753; 15 credits: MT4527 or MT4608; 20 credits: MT5701 or MT5831; Between 25 and 40 credits: MT5751 - MT5752, MT5757, MT5758, ID5059 (i.e. at least two of these modules); 40 credits: MT5999 (Fifth Year only); Further credits: MT5000 - MT5753, MT5757 - MT5999, ID5059, if necessary, to a total of at least 120 credits from these ranges; Further credits: MT3000 - MT5753, MT5757 - MT5999, ID5059, to a total of 360 credits across Third, Fourth and Fifth Years, except that 30 of these credits in Third or Fourth Year may be substituted by credits from another Level or School, with permission of the Adviser of Studies and any other School involved. In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level, including at least 120 credits at 5000 level.	

Statistics – Single Honours M.Math. (Fast Track)

Approved candidates will be awarded 60 advanced standing credits

First Year:	20 credits: MT1002; 30 credits: MT2001 – with a pass at grade 15 or better.
Second Year:	30 credits: MT2004 – with a pass at grade 15 or better 15 credits: MT3501; 15 further credits: MT3000 –MT4999.
Third and Fourth Years:	50 credits: MT3606 and MT3607 and MT5753; 15 credits: MT4527 or MT4608; 20 credits: MT5701 or MT5831; Between 25 and 40 credits: MT5751 - MT5752, MT5757, MT5758, ID5059 (i.e. at least two of these modules); 40 credits: MT5999 (Fifth Year only); Further credits: MT5000 - MT5753, MT5757 - MT5999, ID5059, if necessary, to a total of at least 120 credits from these ranges; Further credits: MT3000 - MT5753, MT5757 - MT5999, ID5059, to a total of 300 credits across Third and Fourth Years.
In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level, including at least 120 credits at 5000 level.	

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Mathematics & Statistics (MT) Modules

MT1001 Introductory Mathematics				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Academic year:	2012/3			
Planned timetable:	9.00 am			
This module is designed to give students a secure base in elementary calculus to allow them to tackle the mathematics needed in other sciences. Students wishing to do more mathematics will be given a good foundation from which they can proceed to MT1002. Some of the work covered is a revision and reinforcement of material in the Scottish Highers and many A-Level syllabuses.				
Programme module type:	Compulsory for students on all programmes in the School who do not meet the direct entry requirements for MT1002. All other students should take MT1002 instead.			
Pre-requisite(s):	Higher or A-Level Mathematics (A/S level Mathematics with approval of Head of School).			
Anti-requisite(s):	MT1003, CS1010	Required for:	MT1002	
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial and 1 laboratory.			
	Scheduled learning: 70 hours		Guided independent study: 130 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 90%, Practical Examinations = 0%, Coursework = 10%			
	As used by St Andrews: Coursework = 10%, Written Examination = 90% (2 class tests = 10% each, final exam = 70%)			
Module Co-ordinator:	Dr J N Reinaud			
Lecturer(s)/Tutor(s):	Dr J N Reinaud, Dr V Archontis			

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MT1002 Mathematics				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1 & 2 (taught twice)
Academic year:	2012/3			
Planned timetable:	9.00 am			
This module is designed to introduce students to the ideas, methods and techniques which they will need for applying mathematics in the physical sciences or for taking the study of mathematics further. It aims to extend and enhance their skills in algebraic manipulation and in differential and integral calculus, to develop their geometric insight and their understanding of limiting processes, and to introduce them to complex numbers and matrices.				
Programme module type:	Compulsory for all programmes within the School. Compulsory for B.Sc. Management Science (single Honours) and all programmes within the School of Physics and Astronomy.			
Pre-requisite(s):	MT1001 or B at Advanced Higher Mathematics or B at A-Level Mathematics.			
Required for:	AS2001, MT1003, MT2001, MT2002, MT2004, MT2005, MT3832, PH2011, PH2012			
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial and 1 laboratory.			
	Scheduled learning: 70 hours		Guided independent study: 130 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 90%, Practical Examinations = 0%, Coursework = 10%			
	As used by St Andrews: Coursework = 10%, Written Examination = 90% (2 class tests = 10% each, final exam = 70%)			
Module Co-ordinator:	Prof K J Falconer (sem 1), Dr R K Scott (sem 2)			
Lecturer(s)/Tutor(s):	Semester 1: Prof K J Falconer, Dr A P Naughton, + another; Semester 2: Dr R K Scott, Dr Y H Peresse, Dr M Todd			

MT1003 Pure and Applied Mathematics				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Academic year:	2012/3			
Planned timetable:	9.00 am			
The aim of this module is to provide students with a taste of both pure and applied mathematics, to give them insight into areas available for study in later years and to provide them with the opportunity to broaden their mathematical experience.				
Programme module type:	Optional for all programmes within the School			
Pre-requisite(s):	MT1002	Required for:	MT3600	
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial and 1 laboratory.			
	Scheduled learning: 70 hours		Guided independent study: 130 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 90%, Practical Examinations = 0%, Coursework = 10%			
	As used by St Andrews: Coursework = 10%, Written Examination = 90% (2 class tests = 10% each, final exam = 70%)			
Module Co-ordinator:	Prof C E Parnell			
Lecturer(s)/Tutor(s):	Prof C E Parnell, Dr Y H Peresse			

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MT1007 Statistics in Practice				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Academic year:	2012/3			
Planned timetable:	11.00 am			
This module provides an introduction to statistical reasoning, elementary but powerful statistical methodologies, and real world applications of statistics. Case studies, such as building an optimal stock portfolio, and data vignettes are used throughout the module to motivate and demonstrate the principles. Students get hands-on experience exploring data for patterns and interesting anomalies as well as experience using modern statistical software to fit statistical models to data.				
Programme module type:	Optional for all programmes within the School. Compulsory for B.Sc. Management Science (single & joint Honours).			
Pre-requisite(s):	An A grade at GCSE/Grade 1 at Standard Grade Mathematics or a C grade at AS level/Higher Mathematics.			
Required for:	MT3833			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 1 laboratory.			
	Scheduled learning: 60 hours		Guided independent study: 140 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr A Overstall			
Lecturer(s)/Tutor(s):	Dr A Overstall, Dr J B Illian, Dr M L MacKenzie			

MT1008 Mathematical Information Technology				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Academic year:	2012/3			
Planned timetable:	11.00 am			
This module provides an introduction to the use of Information Technology in Mathematical Science. The topics covered include basic IT skills, data handling and analysis, and the use of a computational algebra package such as MAPLE. Students will undertake small projects and present short written reports. No previous knowledge of computing is required.				
Programme module type:	Optional for all programmes within the School.			
Pre-requisite(s):	Higher or A-Level Mathematics	Required for:	MT2005	
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial and 1 laboratory.			
	Scheduled learning: 72 hours		Guided independent study: 128 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50% (class tests)			
Module Co-ordinator:	Dr D H Mackay			
Lecturer(s)/Tutor(s):	Dr D H Mackay, Dr M L Burt			

Mathematics & Statistics - 1000 & 2000 Level 2012/13 - August 2012

MT2001 Mathematics				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1 & 2 (taught twice)
Academic year:	2012/3			
Planned timetable:	12.00 noon			
The aims of this module are to extend the knowledge and skills gained by students in the module Mathematics MT1002, and in particular to enhance their skills in the theory and application of: differential and integral calculus of several real variables; limiting processes; linear mathematics.				
Programme module type:	Compulsory for all programmes in the School. Compulsory for all programmes in the School of Physics and Astronomy. Compulsory for B.Sc. Management Science (single Honours) and M.Sci. Materials Science (or PH2011).			
Pre-requisite(s):	MT1002			
Required for:	MT2003, MT3501, MT3503, MT3504, MT3600, MT3601, MT3802, MT3832, MT3833, MT4551, PH3007, PH3073, PH3081, PH3082, PH4038			
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial, 1 examples class and 1 practical.			
	Scheduled learning: 80 hours		Guided independent study: 220 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 70%, Practical Examinations = 0%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Written Examination = 70%			
Module Co-ordinator:	Dr A P Naughton			
Lecturer(s)/Tutor(s):	Semester 1: Dr A P Naughton, Dr S Huczynska, Dr C V Tran. Semester 2: Dr A P Naughton, Professor D G Dritschel, Dr S Huczynska			

MT2002 Algebra and Analysis				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Academic year:	2012/3			
Planned timetable:	11.00 am			
The aims of this module are to encourage students' understanding of the logical structure of mathematics and the nature of proof, and to introduce students to some fundamental concepts of abstract algebra and of analysis.				
Programme module type:	Compulsory for M.Math. Pure Mathematics Either MT2002 or MT2003 is compulsory for all joint Honours Mathematics programmes (including M.Chem. Chemistry with Mathematics and Mathematics 'with' degrees). Optional for all other programmes in the School			
Pre-requisite(s):	MT1002			
Required for:	MT3600, MT4003, MT4004, MT4515, MT4517, MT4521, MT5829			
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial, 1 examples class and 1 practical.			
	Scheduled learning: 80 hours		Guided independent study: 220 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 90%, Practical Examinations = 0%, Coursework = 10%			
	As used by St Andrews: Coursework = 10%, Written Examination = 90% (two class tests = 10% each, final exam = 70%)			
Module Co-ordinator:	Prof L Olsen			
Lecturer(s)/Tutor(s):	Prof L Olsen, Dr J D Mitchell			

Mathematics & Statistics - 1000 & 2000 Level 2012/13 - August 2012

MT2003 Applied Mathematics				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Academic year:	2012/3			
Planned timetable:	12.00 noon			
This module introduces students to applied mathematics through the construction, analysis and interpretation of mathematical models, and to the techniques of analysis used in mathematical modeling.				
Programme module type:	Compulsory for M.Math. Applied Mathematics. Either MT2002 or MT2003 is compulsory for all joint Honours Mathematics programmes (including M.Chem. Chemistry with Mathematics and Mathematics 'with' degrees). Optional for all other programmes in the School.			
Pre-requisite(s):	MT2001			
Required for:	MT3601, MT4005, MT4507, PH3007			
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 examples class and 1 practical.			
	Scheduled learning: 70 hours		Guided independent study: 230 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 70%, Practical Examinations = 0%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Written Examination = 70%			
Module Co-ordinator:	Dr A P Naughton			
Lecturer(s)/Tutor(s):	Dr A P Naughton, Dr A N Wright, Dr R K Scott			

MT2004 Statistics				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Academic year:	2012/3			
Planned timetable:	10.00 am			
This module introduces students to the mathematical models of randomness used as part of statistical modelling and analysis. The module is a mix of fundamental mathematical statistics and applied statistical analysis and provides the background necessary for the 3000 level modules in statistics.				
Programme module type:	Compulsory for M.Math. Statistics, B.Sc./M.A. Statistics and all joint Honours Statistics programmes. Optional for all other programmes in the School. Compulsory for M.Sci. Applied Quantitative Finance, B.Sc. Management Science (single Honours).			
Pre-requisite(s):	MT1002			
Required for:	MT3606, MT3706, MT3833, MT4527, MT4530, MT4607, MT4608, MT4613			
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial and 1 practical.			
	Scheduled learning: 70 hours		Guided independent study: 230 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%			
	As used by St Andrews: Coursework = 25%, Written Examination = 75% (class test = 5%, final exam = 70%)			
Module Co-ordinator:	Prof S T Buckland			
Lecturer(s)/Tutor(s):	Prof S T Buckland, Dr R King, Dr M Papatomas			

Mathematics & Statistics - 1000 & 2000 Level 2012/13 - August 2012

MT2005 Discrete Mathematics: Algorithms and Applications			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 2
Academic year:	2012/3		
Planned timetable:	11.00 am		
<p>In recent years mathematics of discrete (finite) structures has greatly gained importance, especially with the development and expansion of computer technology. This module covers a selection of topics from discrete mathematics. The emphasis is on methods (algorithms) for manipulating finite mathematical objects (such as graphs, codes, abstract machines, etc.), solving problems using these algorithms, as well as on 'real life' applications of these methods to problems in operational research. The module also gives a mathematical treatment of computational machines (automata and Turing machines) and safe transfer of information (coding and encryption).</p>			
Programme module type:	Optional for all programmes in the School		
Pre-requisite(s):	MT1002 or MT1008		
Learning and teaching methods and delivery:	Weekly contact: 5 lectures, 1 tutorial, 1 examples class and 1 practical.		
	Scheduled learning: 80 hours	Guided independent study: 220 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 80%, Practical Examinations = 0%, Coursework = 20%		
	As used by St Andrews: Coursework = 20%, Written Examination = 80% (class test = 10%, final exam = 70%)		
Module Co-ordinator:	Dr C M Roney-Dougal		
Lecturer(s)/Tutor(s):	Dr C M Roney-Dougal, Dr S Huczynska, Dr D L Borchers		

School of Medicine

B.Sc. Honours in Medicine

The general requirements are 480 credits over a period of no more than four years from the date of first matriculation, of which the final two years form an approved Honours programme of 240 credits, of which 120 credits are at 3000 level and 120 credits at 4000 level. Direct entry into second level is the normal route of entry in which case 120 credits of advanced standing will be given by the Dean, with advice from the Faculty Executive Group, to approved candidates.

All those who graduate with B.Sc. (Honours) in Medicine from St Andrews have the guarantee of a clinical place with our clinical partners, the Universities of Manchester, Glasgow, Edinburgh, Dundee and Aberdeen, where they can graduate with MB ChB after three years of clinical studies.

Medicine - Single Honours B.Sc.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	120 credits: MD2001 and MD2002.
Third Year:	120 credits: MD3001 and MD3002.
Fourth Year:	120 credits: MD4001 and MD4002 and MD4003.

MD2001 Foundations of Medicine 1

SCOTCAT Credits:	60	SCQF Level 8	Semester:	1
Availability restrictions:	Available only to students enrolled in the B.Sc. Honours Medicine programme.			
Planned timetable:	To be arranged.			
<p>The medical course will take the form of an integrated spiral curriculum. Foundations of Medicine 1 and 2 form the initial turn of the spiral in which fundamentally important knowledge is reviewed. During subsequent turns of the spiral, topics will be revisited at a more advanced level and with increasing clinical application. Throughout the curriculum a series of core clinical cases will illustrate the clinical context. Foundations of Medicine 1 will: - review molecular and cellular medicine including genetics - give a general overview of the structure and functions of the body systems from the microscopic to the macroscopic level - introduce the history and philosophy of medicine - give a preliminary introduction to medical ethics and communication skills relevant to medicine - use clinical problems to develop an understanding of the levels of consciousness and the assessment of health status.</p>				
Programme module type:	Compulsory for B.Sc Honours Medicine - not available to any other students			
Pre-requisite(s):	There will be direct entry into course for students approved by the Faculty Executive Group of Medicine.			
Required for:	MD3001, MD3002			
Learning and teaching methods and delivery:	Weekly contact: 10 Lectures and 6 hours of seminars/tutorials/practicals each week. Clinical case studies and clinical skills on a 2-week cycle including 1 x 2 hours session with volunteer patients. Up to 6 hours per week of directed self-learning			
	Scheduled learning: 250 hours		Guided independent study: 350 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%			
	As used by St Andrews: Coursework will comprise a written examination totaling 25% of the module grade; Attainment of competence in clinical skills appropriate for this module (Pass/Fail) totaling 0% of the module grade. Module Examinations will comprise two written examinations totaling 75% of the module grade			
Module Co-ordinator:	Dr S C Whiten, Dr J F Aiton			

MD2002 Foundations of Medicine 2			
SCOTCAT Credits:	60	SCQF Level 8	Semester: 2
Availability restrictions:	Available only to students enrolled in the B.Sc. Honours Medicine programme.		
Planned timetable:	To be arranged.		
<p>Foundations of Medicine 2 will continue the introduction of fundamental topics into the curriculum including the principles of disease mechanisms and therapy and the development of communication skills. Foundations of Medicine 2 will: - provide an in-depth study of the musculo-skeletal system including nerve and muscle physiology. The anatomy of the upper and lower limbs and back will be studied by dissection. - develop an understanding of principles of disease mechanisms and therapy - introduce particular topics in behavioural science e.g. stress, coping and pain - clinical problems will focus on DVT, trauma, bronchial carcinoma and stroke</p>			
Programme module type:	Compulsory for B.Sc. Honours Medicine - not available to any other students		
Pre-requisite(s):	There will be direct entry into course for students approved by the Faculty Executive Group of Medicine.		
Required for:	MD3001, MD3002		
Learning and teaching methods and delivery:	Weekly contact: 10 Lectures and 6 hours of seminars/tutorials/practicals each week. Clinical case studies and clinical skills on a 2-week cycle including 2 x 2 hour sessions with volunteer patients.. Up to 6 hours per week of directed self-learning.		
	Scheduled learning: 250 hours	Guided independent study: 350 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%		
	As used by St Andrews: Coursework will comprise a written examination totaling 25% of the module grade; Attainment of competence in clinical skills appropriate for this module (Pass/Fail) totaling 0% of the module grade. Module Examinations will comprise two written examinations totaling 75% of the module grade		
Module Co-ordinator:	Dr S C Whiten, Dr J F Aiton		

School of Modern Languages

Including Arabic, Comparative Literature, French, German, Italian, Linguistics, Russian and Spanish

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad (see page 1.4).

Arabic – Joint Honours M.A.

Arabic and one of: Art History (European & North American Art), Comparative Literature, Economics, English, Film Studies, French^w, German^w, Hebrew, International Relations, Italian^w, Latin, Management, Mathematics, Mediaeval History, Middle East Studies, Modern History, Philosophy, Russian^w, Social Anthropology, Spanish^w.

^w Available also as 'With Integrated Year Abroad' degree although at present only with a placement through the other language subject.

First Year: 40 credits: AR1001 **and** AR1002.

Second Year: 20 credits: AR2001;

20 credits: AR2002 - with a pass at grade 11 or better.

Third Year: 30 credits: AR3201 **or** AR3301 (or equivalent approved Study Abroad);

30 further credits: AR3200 - AR3999.

Fourth Year: 60 credits: AR4200 - AR4999.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of any other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme (see above).

Arabic (Modern Languages Triple Subject) - Honours M.A.

Arabic and two of: Comparative Literature, French, German, Italian, Russian, Spanish

All the above (except Comparative Literature) are available also as 'With Integrated Year Abroad' degrees although at present only with a placement through the other language subject.

Arabic element of Triple Subject Honours M.A.

(where the other two subjects are both from the School of Modern Languages):

First Year: 40 credits: AR1001 and AR1002.

Second Year: 20 credits: AR2001;
20 credits: AR2002 - with a pass at grade 11 or better.

Third Year: 30 credits: AR3401 and AR3402 (or equivalent approved Study Abroad);
Up to 60 credits: AR3420 - AR3499.

Fourth Year: 30 credits: AR4401 and AR4402;
Further credits: AR4420 - AR4499, AR4999, if necessary, to a total of between 60 and 120 credits in Arabic across Third and Fourth Years

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level and between 150 and 180 credits in Third and Fourth Years from the two subjects in the School of Modern Languages.

Across Third and Fourth Years, if more than 15 optional credits are taken (other than AR4999), at least 15 credits must be taken from (AR3420 – AR3459, AR4420 - AR4459) and at least 15 credits from (AR3460 – AR3499, AR4460 – AR 4499).

One year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

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Arabic and one of: Comparative Literature, French, German, Italian, Russian, Spanish
and one of: Ancient History, Classical Studies⁶, English, International Relations, Latin, Management
All the above (except Comparative Literature) are available also as 'With Integrated Year Abroad' degrees although at present only with a placement through the other language subject.

⁶ Arabic and German and Classical Studies is not available due to a timetable clash with German

Arabic element of M.A. Triple Subject Honours

(where one of the other two subjects is not from the School of Modern Languages:

First Year: 40 credits: AR1001 **and** AR1002.

Second Year: 20 credits: AR2001;

20 credits: AR2002 - with a pass at grade 11 or better.

Third Year: 30 credits: AR3401 **and** AR3402 (or equivalent approved Study Abroad);

Up to 30 credits: AR3420 - AR3499.

Fourth Year: 30 credits: AR4401 **and** AR4402;

Further credits: AR4420 - AR4499, AR4999, if necessary, to a total of between 60 and 90 credits in Arabic across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level and between 150 and 180 credits in Third and Fourth Years from the two subjects in the School of Modern Languages.

Across Third and Fourth Years, if more than 15 optional credits are taken (other than AR4999), at least 15 credits must be taken from (AR3420 – AR3459, AR4420 - AR4459) and at least 15 credits from (AR3460 – AR3499, AR4460 – AR 4499).

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Modern Languages - 1000 & 2000 Level 2012/13 - August 2012

... with Arabic - Honours B.Sc.

Biology with Arabic

Arabic minor element of B.Sc. Honours Biology with Arabic:

First Year: 40 credits: AR1001 and AR1002.

Second Year: 20 credits: AR2001;
20 credits: AR2002 - with a pass at grade 11 or better.

*Third Year: 30 credits: AR3401 and AR3402.

*Fourth Year: 30 credits: AR4401 and AR4402.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

*New modules available from 2013-14.

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Arabic & Middle East Studies – Single Honours M.A.

(not available to entrants after 2010-11)

Fourth Year: 30 credits: AR4201 - AR4989;
60 further credits: AR4201 - AR4989; IR4506, IR4507, IR4510, IR4520, ME4850 - ME4895, MO4850 - MO4895 (AR4999 or IR4099 or HI4999);
Further credits: AR3201 - AR3999, IR3109, ME3160 - ME3199, ME3601 - ME3699, MO3080 - MO3095, MO3180 - MO3195, MO3280 - MO3295, MO3380 - MO3395, MO3480 - MO3495, MO3580 - MO3595, MO3780 - MO3795, AR4201 - AR4989, IR4506, IR4507, IR4510, IR4520, ME4850 - ME4895, MO4850 - MO4895, if necessary, to a total of at least 210 credits in 3000- and 4000- level modules.

Comparative Literature - Joint Honours M.A.

Comparative Literature and one of: Ancient History, Arabic, Art History, Biblical Studies, Classical Studies, Classics, English, Film Studies, French ^w, Geography, German ^w, Greek, Hebrew, International Relations, Italian ^w, Latin, Management, Mediaeval History, Modern History, Philosophy, Russian ^w, Social Anthropology, Spanish ^w

^w Available also as 'With Integrated Year Abroad' degree

Comparative Literature Element of Joint Honours M.A.

First Year: 40 credits: CO1001 and CO1002.

Second Year: 20 credits: CO2001;
20 credits: CO2002 - with a pass at grade 11 or better.

Third Year: 30 credits: CO3000 - CO3019;
30 credits: CO3020 - CO3049.

Fourth Year: 30 credits: CO4000 - CO4019;
30 further credits: CO3020 - CO3049, CO4020 - CO4049

In total, at least 210 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of any other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Comparative Literature - Triple Honours M.A.

Comparative Literature and two of: Arabic, French, German, Italian, Russian, Spanish

All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

Comparative Literature Element of M.A. Triple Subject Honours:

First Year: 40 credits: CO1001 **and** CO1002.

Second Year: 20 credits: CO2001;

20 credits: CO2002 - with a pass at grade 11 or better.

Third Year: 30 credits: CO3000 - CO3019;

Up to 30 credits: CO3020 - CO3049.

Fourth Year: 30 credits: CO4000 - CO4019;

Up to 30 further credits: CO3020 - CO3049, CO4020 - CO4049.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level. A minimum of 60 credits and a maximum of 120 credits may be chosen from each subject.

One year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Though not part of the Comparative Literature requirement, the WIYA (5 year) versions of these degrees will necessarily require a year spent abroad according to the programme requirements detailed for the language studied (see French, German, Italian, Russian or Spanish).

French - Single Honours M.A.

Available also as a 'With Integrated Year Abroad' degree.

First Year: 40 credits: FR1001 **and** FR1002.

Second Year: 30 credits: FR2031;

30 credits: FR2032 - with a pass at grade 11 or better.

[WIYA only: 60 credits: FR3101].

Third Year: 30 credits: FR3001 **and** FR3002;

45 credits in three of: FR3010 - FR3099;

45 further credits in three of: FR3010 - FR3099, FR4000 - FR4189;

Fourth Year: 30 credits: FR4105 **and** FR4106;

Further credits: FR3010 - FR3099, FR3103, FR4000 - FR4199, to a total of 240 credits across Third and Fourth Years, with at least 90 of these credits at 4000-level.

Students in Third or Fourth Year may, with permission of the Heads of School concerned, substitute up to 30 3000- or 4000-level credits in another subject for 3000- or 4000-level credits in French.

One year may be spent in Study Abroad on a recognised Exchange scheme.

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French - Joint Honours M.A.

French and one of: Arabic, Comparative Literature, German, Italian, Russian, Spanish

All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

French Element of Joint Honours M.A.

(where the other subject is from the School of Modern Languages):

First Year: 40 credits: FR1001 **and** FR1002.

Second Year: 30 credits: FR2031;

30 credits: FR2032 - with a pass at grade 11 or better.

[WIYA only: 60 credits: FR3101 or (ML3105 with ML3106)].

Third Year: 15 credits: FR3001;

15 credits: FR3002 (or equivalent study abroad);

15 credits in one of: FR3010 - FR3099;

Up to 45 further credits: FR3010 - FR3099, FR4000 - FR4189;

Fourth Year: 30 credits: FR4105 **and** FR4106;

Further credits: FR3010 – FR3099, FR3103, FR4000 - FR4199, if necessary, to a total of between 90 and 150 credits in French across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

One year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

French and one of: Ancient History, Art History, Biblical Studies, Classical Studies, Classics, English, Film Studies, Geography, Greek, Hebrew, International Relations, Latin, Management, Mediaeval History, Modern History, Philosophy, Psychology, Social Anthropology, Theological Studies.

All of the above are available also as 'With Integrated Year Abroad' degrees

French Element of M.A. Joint Honours

(where the other subject is NOT from the School of Modern Languages, except French and Classics):

First Year: 40 credits: FR1001 **and** FR1002.

Second Year: 30 credits: FR2031;

30 credits: FR2032 - with a pass at grade 11 or better.

[WIYA only: 60 credits: FR3101].

Third Year: 15 credits: FR3001;

15 credits: FR3002 (or equivalent study abroad);

15 credits in one of: FR3010 - FR3099;

Up to 45 further credits: FR3010 - FR3099, FR4000 - FR4189;

Fourth Year: 30 credits: FR4105 **and** FR4106;

Further credits: FR3010 - FR3099, FR3103, FR4000 - FR4199, if necessary, to a total of 120 credits in French across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

French and Classics - Joint Honours M.A.

Available also as a 'With Integrated Year Abroad' degree

French Element of M.A. French and Classics Joint Honours:

First Year: 40 credits: FR1001 **and** FR1002.

Second Year: 20 credits: FR2021;

20 credits: FR2022 - with a pass at grade 11 or better.

[WIYA only: 60 credits: FR3101].

Third Year: 15 credits: FR3001

15 credits: FR3002 (or equivalent study abroad);

15 credits in one of: FR3010 - FR3099;

Up to 45 further credits: FR3010 - FR3099, FR4000 - FR4189;

Fourth Year: 30 credits: FR4105 **and** FR4106;

Further credits: FR3010 - FR3099, FR3103, FR4000 - FR4199, if necessary, to a total of 120 credits in French across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

... 'with' French - Honours B.Sc.

Biology, Chemistry, Computer Science^N, Economics^N, Geography^N, Mathematics^N, or Physics^N with French.

For students admitted before 2009-10

^N Not available to anyone not already admitted to the programme.

All the above are available also as degrees 'With Integrated Year Abroad'

Fourth Year: 30 credits: FR4807 **and** FR4808.

In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Biology or Chemistry with French (for students admitted from 2009-10)

Available also as 'With Integrated Year Abroad' degrees'.

French minor element of Honours B.Sc.

First Year: 40 credits: FR1001 **and** FR1002.

Second Year: 20 credits: FR2021;

20 credits: FR2022 - with a pass at grade 11 or better.

[WIYA only: 60 credits: FR3101].

Third Year: 30 credits: FR3001 **and** FR3002.

Fourth Year: 30 credits: FR4105 **and** FR4106.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

If arranged in a francophone country by the School of the Major subject, one semester may be spent in Study Abroad on a recognised Exchange scheme.

Chemistry with French - Honours M.Chem.

For students admitted before 2009-10

French minor element of Honours M.Chem.

Fifth Year: 30 credits: FR4807 **and** FR4808.

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Chemistry with French, Chemistry with French and External Placement - Honours M.Chem.

For students admitted from 2009-10

French minor element of Honours M.Chem.

First Year: 40 credits: FR1001 **and** FR1002.

Second Year: 20 credits: FR2021;

20 credits: FR2022 - with a pass at grade 11 or better.

Third Year: 30 credits: FR3001 **and** FR3002.

Fourth Year: 30 credits: FR5810.

Fifth Year: 30 credits: FR4105 **and** FR4106.

In total, 360 credits must be achieved at 3000, 4000 and 5000 level, including at least 120 credits at 5000 level.

If arranged in a francophone country by the School of the Major subject, one semester may be spent in Study Abroad on a recognised Exchange scheme.

French - (Modern Languages Triple Subject) Honours M.A.

French and two of: Arabic, Comparative Literature, German, Italian, Russian, Spanish

All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

French Element of Triple Subject Honours M.A.

(where the other two subjects are both from the School of Modern Languages):

First Year: 40 credits: FR1001 **and** FR1002.

Second Year: 20 credits: FR2021;

20 credits: FR2022 - with a pass at grade 11 or better.

[WIYA only: 60 credits: FR3101 **or** (ML3105 **with** ML3106)].

Third Year: 15 credits: FR3001;

15 credits: FR3002 (or equivalent study abroad);

Up to 60 credits: FR3010 - FR3099, FR4000 - FR4189;

Fourth Year 30 credits: FR4105 **and** FR4106;

Further credits: FR3010 - FR3099, FR3103, FR4000 - FR4199, if necessary, to a total of between 60 and 120 credits in French across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

One year may be spent in Study Abroad on a recognised Exchange scheme.

French and one of: Arabic, German, Italian, Russian, Spanish

and one of: Ancient History, English, International Relations, Latin^B, Linguistics^N, Management

^N (and WIYA) Not available to entrants from 2009-10

^B French-German with Latin is only available to beginners in German

French and one of: (Arabic, Italian, Russian, Spanish) and Classical Studies

and one of: (German^G, Italian, Spanish) and Greek

^G French-German with Greek is only available to non-beginners in German

All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

French Element of Triple Subject Honours M.A.

(where one of the other two subjects is not from the School of Modern Languages):

First Year: 40 credits: FR1001 **and** FR1002.

Second Year: 20 credits: FR2021;

20 credits: FR2022 - with a pass at grade 11 or better.

[WIYA only: 60 credits: FR3101 **or** (ML3105 **with** ML3106)].

Third Year: 15 credits: FR3001;

15 credits: FR3002 (or equivalent study abroad);

Up to 30 credits: FR3010 - FR3099, FR4000 - FR4189;

Fourth Year 30 credits: FR4105 **and** FR4106;

Further credits: FR3010 - FR3099, FR3103, FR4000 - FR4199, if necessary, to a total of between 60 and 90 credits in French across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level and between 150 and 180 credits in Third and Fourth Years from the two subjects in the School of Modern Languages.

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

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German - Single Honours M.A.

Available also as 'With Integrated Year Abroad' degree

First Year:	40 credits: (GM1001 with GM1002) or (GM1003 with GM1004).
Second Year:	30 credits: GM2001 or GM2009; 30 credits: GM2002 or GM2010 - with a pass at grade 11 or better.
[WIYA only:	60 credits: GM3101].
Third Year:	30 credits: GM3005 and GM3006; 15 credits: GM4007 (if available); Further credits: GM3010 - GM3099, GM4000 - GM4095 to a total of 120 for the Year.
Fourth Year:	30 credits: GM4105 and GM4106; 15 credits : GM4007 (unless taken in Third Year); Further credits: GM3010 - GM3099, GM3103, GM4000 - GM4099, to a total of 240 credits across Third and Fourth Years, with at least 90 of these credits at 4000-level. <i>Students in Third or Fourth Year may, with permission of both Heads of School, substitute up to 30 3000- or 4000-level credits in another subject for 3000- or 4000-level credits in German.</i>

One year may be spent in Study Abroad on a recognised Exchange scheme.

German - Joint Honours M.A.

German and one of: Arabic, Comparative Literature, French, Italian, Russian, Spanish.

^T Timetable clash exists, therefore combination subject to arrangement by both Schools

[^] see **Other information** below

All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

German Element of M.A. Joint Honours

(where the other subject is from the School of Modern Languages):

First Year:	40 credits: (GM1001 with GM1002) or (GM1003 with GM1004).
Second Year:	30 credits: GM2001 or GM2009; 30 credits: GM2002 or GM2010 - with a pass at grade 11 or better.
[WIYA only:	60 credits: GM3101 or (ML3105 with ML3106)].
Third Year:	30 credits: GM3005 and GM3006; Up to 60 credits: GM3010 - GM3099, GM4000 - GM4095.
Fourth Year:	30 credits: GM4105 and GM4106; Further credits: GM3010 - GM3099, GM3103, GM4000 - GM4099 if necessary, to a total of between 90 and 150 credits in German across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of any other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Modern Languages - 1000 & 2000 Level 2012/13 - August 2012

German and one of: Ancient History, Art History, Biblical Studies^T, Economics, English, Film Studies, International Relations, Management, Mathematics, Mediaeval History, Middle East Studies, Modern History, New Testament, Philosophy, Psychology, Social Anthropology, Theological Studies.

^T Timetable clash exists, therefore combination subject to arrangement by both Schools

All of the above are available also as 'With Integrated Year Abroad' degrees

German Element of M.A. Joint Honours

(where the other subject is NOT from the School of Modern Languages, except German and Psychology with BPS recognition):

First Year: 40 credits: (GM1001 **with** GM1002) **or** (GM1003 **with** GM1004).

Second Year: 30 credits: GM2001 **or** GM2009;

30 credits: GM2002 **or** GM2010 - with a pass at grade 11 or better.

*[WIYA only: 60 credits: GM3101 **or** (ML3105 **with** ML3106)].*

Third Year: 30 credits: GM3005 **and** GM3006;

30 credits: GM3010 - GM3099, GM4000 - GM4095.

Fourth Year: 30 credits: GM4105 **and** GM4106;

30 further credits: GM3010 - GM3099, GM3103, GM4000 - GM4099.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of any other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

German and Psychology (with BPS recognition) - Joint Honours M.A.

Available also as a 'With Integrated Year Abroad' degree.

German Element of M.A. German and Psychology Joint Honours (with BPS recognition):

First Year: 40 credits: (GM1001 **with** GM1002) **or** (GM1003 **with** GM1004).

Second Year: 30 credits: GM2001 **or** GM2009;

30 credits: GM2002 **or** GM2010 - with a pass at grade 11 or better.

[WIYA only: 60 credits: GM3101].

Third Year: 30 credits: GM3005 **and** GM3006;

Up to 30 credits: GM3010 - GM3099, GM4000 - GM4095.

Fourth Year: 30 credits: GM4105 **and** GM4106;

Further credits: GM3010 - GM3099, GM3103, GM4000 - GM4099 if necessary, to a total of 90 credits in German across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Modern Languages - 1000 & 2000 Level 2012/13 - August 2012

German - (Modern Languages Triple Subject) - Honours M.A.

German and two of: Arabic, Comparative Literature, French, Italian, Russian, Spanish
 All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

German Element of Triple Subject Honours M.A.

(where the other two subjects are both from the School of Modern Languages):

First Year: 40 credits: (GM1001 **with** GM1002) **or** (GM1003 **with** GM1004).

Second Year: 40 credits: (GM2001 **with** GM2004) **or** (GM2002 **with** GM2003) **or** (GM2007 **with** GM2010) **or** (GM2008 **with** GM2009) - with a pass at grade 11 or better in the Semester 2 module.

[WIYA only: 60 credits: GM3101 **or** (ML3105 **with** ML3106)].

Third Year: 30 credits: GM3005 **and** GM3006;
 Up to 30 credits: GM3010 - GM3099, GM4000 - GM4095.

Fourth Year: 30 credits: GM4105 **and** GM4106;
 Up to 30 further credits: GM3010 - GM3099, GM3103, GM4000 - GM4095.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

One year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

German and one of: Arabic, French, Italian, Russian, Spanish
and one of: Ancient History, English, International Relations, Latin^B, Management
^B Combinations including German and Latin are only available to beginners in German.

German and one of: French, Italian, Spanish and Greek^G
^G Combinations including German and Greek are only available to non-beginners in German.

All of the above are available also as 'With Integrated Year Abroad' degree although at present not with a placement through Arabic.

German Element of M.A. Triple Subject Honours

(where one of the other two subjects is not from the School of Modern Languages):

First Year: 40 credits: (GM1001 **with** GM1002) **or** (GM1003 **with** GM1004).

Second Year: 40 credits: (GM2001 **with** GM2004) **or** (GM2002 **with** GM2003) **or** (GM2007 **with** GM2010) **or** (GM2008 **with** GM2009) - with a pass at grade 11 or better in the Semester 2 module.

[WIYA only: 60 credits: GM3101 **or** (ML3105 **with** ML3106)].

Third Year: 30 credits: GM3005 **and** GM3006;
 Up to 30 credits: GM3010 - GM3099, GM4000 - GM4095.

Fourth Year: 30 credits: GM4105 **and** GM4106;
 Further credits: GM3010 - GM3099, GM3103, GM4000 - GM4095, if necessary, to a total of between 60 and 90 credits in German across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level and between 150 and 180 credits in Third and Fourth Years from the two subjects in the School of Modern Languages.

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

... with German - Honours M.A. and B.Sc.	
Economics with German Honours M.A.	Biology with German^N Honours B.Sc. ^N Not available to entrants from 2008-09
Available also as 'With Integrated Year Abroad' degrees.	
<p>German minor Element of M.A. Honours</p> <p>First Year: 40 credits: (GM1001 with GM1002) or (GM1003 with GM1004).</p> <p>Second Year: 40 credits: (GM2001 with GM2004) or (GM2002 with GM2003) or (GM2007 with GM2010) or (GM2008 with GM2009) - with a pass at grade 11 or better in the Semester 2 module.</p> <p>[WIYA only: 60 credits: GM3101].</p> <p>Third Year: 30 credits: GM3005 and GM3006.</p> <p>Fourth Year: 30 credits: GM4105 and GM4106.</p> <p>In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.</p>	

Italian - Single Honours M.A.	
Available also as a 'With Integrated Year Abroad' degree	
First Year:	<p>EITHER</p> <p>40 credits: IT1001, IT1002;</p> <p>OR</p> <p>20 credits: IT1003 and IT1004;</p> <p>20 credits: IT1005 - IT1099.</p>
Second Year:	<p>20 credits: IT2001;</p> <p>20 credits: IT2002 - with a pass at grade 11 or better.</p> <p>[WIYA only: 60 credits: IT3101].</p>
Third Year:	<p>30 credits: IT3001 and IT3002;</p> <p>90 credits: IT3003 - IT3099, IT4006 - IT4089.</p>
Fourth Year:	<p>60 credits: IT4003 and IT4004 and IT4099;</p> <p>60 further credits: IT3003 - IT3099, IT3103, IT4005 - IT4089, to a total of 240 credits across Third and Fourth Years, with at least 90 of these credits at 4000-level.</p> <p><i>Students in Third or Fourth Year may, with permission of both Heads of School, substitute up to 30 3000- or 4000-level credits in another subject for 3000- or 4000-level credits in Italian.</i></p>
One year may be spent in Study Abroad on a recognised Exchange scheme.	

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Italian – Joint Honours M.A.

Italian and one of: Arabic, Comparative Literature, French, German, Russian, Spanish.

All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

Italian Element of Joint Honours M.A.

(where the other subject is from the School of Modern Languages):

First Year: **EITHER**

40 credits: IT1001, IT1002;

OR

20 credits: IT1003 **and** IT1004;

20 credits: IT1005 - IT1099.

Second Year: 20 credits: IT2001;

20 credits: IT2002 - with a pass at grade 11 or better.

[WIYA only: 60 credits: IT3101 **or** (ML3105 **with** ML3106)].

Third Year: 30 credits: IT3001 **and** IT3002;

Up to 60 credits: IT3003 - IT3099, IT4006 - IT4089.

Fourth Year: 30 credits: IT4003 **and** IT4004;

Further credits: IT3003 - IT3099, IT3103, IT4005 - IT4089, IT4098 if necessary, to a total of between 90 and 150 credits in Italian across Third and Fourth Years.

One year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Italian and one of: Ancient History, Art History, Classical Studies, Classics, Economics, English, Film Studies, Geography, Greek, International Relations, Latin, Management, Mathematics, Mediaeval History, Middle East Studies, Modern History, Philosophy, Scottish History, Social Anthropology.

Available also as 'With Integrated Year Abroad' degree

Italian Element of Joint Honours M.A.

(where the other subject is NOT from the School of Modern Languages, except Italian and Psychology with BPS recognition):

First Year: **EITHER**

40 credits: IT1001, IT1002;

OR

20 credits: IT1003 **and** IT1004;

20 credits: IT1005 - IT1099.

Second Year: 20 credits: IT2001;

20 credits: IT2002 - with a pass at grade 11 or better.

[WIYA only: 60 credits: IT3101 **or** (ML3105 **with** ML3106)].

Third Year: 30 credits: IT3001 **and** IT3002;

Between 30 and 60 credits: IT3003 – IT3099, IT4006 - IT4089.

Fourth Year: 30 credits: IT4003 **and** IT4004;

Further credits: IT3003 – IT3099, IT3103, IT4005 - IT4089, IT4098 if necessary, to a total of 120 credits in Italian across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Italian and Psychology (with BPS recognition) - Joint Honours M.A.

Available also as a 'With Integrated Year Abroad' degree.

Italian Element of Joint Honours M.A. Italian and Psychology (with BPS recognition):

First Year: EITHER
40 credits: IT1001, IT1002;
OR
20 credits: IT1003 **and** IT1004;
20 credits: IT1005 - IT1099.

Second Year: 20 credits: IT2001;
20 credits: IT2002 - with a pass at grade 11 or better.

[WIYA only: 60 credits: IT3101].

Third Year: 30 credits: IT3001 **and** IT3002;
Up to 30 credits: IT3003 - IT3099, IT4006 - IT4089.

Fourth Year: 30 credits: IT4003 **and** IT4004;
Further credits: IT3003 – IT3099, IT3103, IT4005 - IT4089, IT4097 - IT4099 to a total of at least 110 credits in Italian across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Italian (Modern Languages Triple Subject) - Honours M.A.

Italian and two of: Arabic, Comparative Literature, French, German, Russian, Spanish

All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

Italian Element of Triple Subject Honours M.A.

(where the other two subjects are both from the School of Modern Languages):

First Year: EITHER
40 credits: IT1001, IT1002;
OR
20 credits: IT1003 **and** IT1004;
20 credits: IT1005 - IT1099.

Second Year: 20 credits: IT2001;
20 credits: IT2002 - with a pass at grade 11 or better.

[WIYA only: 60 credits: IT3101 or (ML3105 with ML3106)].

Third Year: 30 credits: IT3001 **and** IT3002;
Up to 60 credits: IT3003 - IT3099, IT4006 - IT4089

Fourth Year: 30 credits: IT4003 **and** IT4004;
Further credits: IT3003 - IT3099, IT3103, IT4005 - IT4089, IT4098 - IT4099 if necessary, to a total of between 60 and 120 credits in Italian across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

One year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

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<p>Italian and one of: Arabic, Comparative Literature, French, German, Russian, Spanish</p> <p>and one of: Ancient History, English, International Relations, Latin^B, Management</p> <p>^B Italian-German with Latin is only available to beginners in German.</p>	<p>Italian and one of: (Arabic, French, Russian, Spanish) and Classical Studies</p> <p>and one of: (French, German, Spanish) and Greek^G</p> <p>^G Italian-German with Greek is only available to non-beginners in German.</p>
<p>All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.</p>	
<p>Italian Element of M.A. Triple Subject Honours (where one of the other two subjects is not from the School of Modern Languages:</p> <p>First Year: EITHER 40 credits: IT1001, IT1002; OR 20 credits: IT1003 and IT1004; 20 credits: IT1005 - IT1099.</p> <p>Second Year: 20 credits: IT2001; 20 credits: IT2002 - with a pass at grade 11 or better.</p> <p>[WIYA only: 60 credits: IT3101 or (ML3105 with ML3106)]</p> <p>Third Year: 30 credits: IT3001 and IT3002; Up to 30 credits: IT3003 - IT3099, IT4006 - IT4089.</p> <p>Fourth Year: 30 credits: IT4003 and IT4004; Further credits: IT3003 - IT3099, IT3103, IT4005 - IT4089, IT4098 - IT4099 if necessary, to a total of between 60 and 90 credits in Italian across Third and Fourth Years.</p> <p>In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level and between 150 and 180 credits in Third and Fourth Years from the two subjects in the School of Modern Languages.</p> <p>Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.</p>	

... with Linguistics - Honours M.A.

English, French^W, German^W, Italian^W, Psychology, Russian^W, Social Anthropology, Spanish^W
with Linguistics^N

^W Available also as 'With Integrated Year Abroad' degree

^N None of these programmes available to entrants from 2009-10

Linguistics minor element of 'with Linguistics' Honours M.A.

Fourth Year: 30 credits in two of: LI4001, LI4002, LI4098.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Russian – Single Honours M.A.

Available also as 'With Integrated Year Abroad' degree

First Year:	40 credits: (RU1001 with RU1002) or (RU1005 with RU1006).
Second Year:	30 credits: RU2003 or RU2005; 30 credits: RU2004 or RU2006 - with a pass at grade 11 or better.
[WIYA only:	60 credits: RU3101]
Third Year:	EITHER 30 credits: RU3001 and RU3002; 45 credits: RU3021 - RU3042; 45 further credits: RU3021 - RU3042, RU3103, RU4128 – RU4144, RU4201. OR 75 credits: RU3001 and RU3102 45 credits: RU3021 - RU3042. OR (WIYA) 30 credits: RU3005 and RU3110; 90 credits: RU3021 - RU3042, RU4128 – RU4144, RU4201.
Fourth Year:	60 credits: RU4101 and RU4104 and RU4199; 60 further credits: RU3021 - RU3042, RU4128 – RU4144, RU4201. <i>Students in Third or Fourth Year may, with permission of the Heads of School concerned, substitute up to 30 3000- or 4000-level credits in another subject for 3000- or 4000-level credits in Russian.</i>

Modern Languages - 1000 & 2000 Level 2012/13 - August 2012

Russian - Joint Honours M.A.

Russian and one of: Arabic, Art History, Comparative Literature, Economics, English^E, Film Studies, French, German, Hebrew, International Relations, Italian, Latin, Management^T, Mathematics, Mediaeval History, Middle East Studies, Modern History, Philosophy, Scottish History, Social Anthropology, Spanish, Theological Studies.

All of the above are also as 'With Integrated Year Abroad' degrees

^E Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead. Reversal of first-level and second-level EN modules is not allowed.

^T Timetable clash exists, therefore combination subject to arrangement by both Schools.

Russian Element of Joint Honours M.A.

First Year: 40 credits: (RU1001 **with** RU1002) **or** (RU1005 **with** RU1006).

Second Year: 30 credits: RU2003 **or** RU2005;

30 credits: RU2004 **or** RU2006 - with a pass at grade 11 or better.

[WIYA only: 60 credits: RU3101 **or** (ML3105 **with** ML3106)]

Third Year: **EITHER**

30 credits: RU3001 **and** RU3002;

15 credits in one of: RU3021 - RU3042;

15 further credits: RU3021 - RU3042, RU3103, RU4128 – RU4144, RU4201.

OR

75 credits: RU3001 **and** RU3102.

OR (WIYA)

30 credits: RU3005 **and** RU3010;

15 credits in one of: RU3021 - RU3042;

15 further credits: RU3021 - RU3042, RU4128 - RU4144, RU4201.

Fourth Year: 30 credits: RU4101 **and** RU4104;

30 further credits: RU3021 - RU3042, RU4128 – RU4198.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Russian - (Modern Languages Triple Subject) - Honours M.A.

Russian and two of: Arabic, Comparative Literature, French, German, Italian, Spanish

All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

Russian Element of Triple Subject Honours M.A.

(where the other two subjects are both from the School of Modern Languages):

First Year: 40 credits: (RU1001 **with** RU1002) **or** (RU1005 **with** RU1006).

Second Year: 40 credits: (RU2001 **with** RU2002) **or** (RU2003 **with** RU2109) **or** (RU2110 **with** RU2004) **or** (RU2005 **with** RU2107) **or** (RU2105 **with** RU2106) **or** (RU2108 **with** RU2006) - with a pass at grade 11 or better in the Semester 2 module.

[WIYA only: 60 credits: RU3101 **or** (ML3105 **with** ML3106)]

Third Year: **EITHER**

30 credits: RU3001 **and** RU3002;

Up to 15 credits: RU3021 - RU3042;

Up to 15 further credits: RU3021 - RU3042, RU3103, RU4128 - RU4144, RU4201.

OR

75 credits: RU3001 **and** RU3102.

OR (WIYA)

30 credits: RU3005 **and** RU3010;

Up to 15 credits: RU3021 - RU3042;

Up to 15 further credits: RU3021 - RU3042, RU4128 - RU4144, RU4201.

Fourth Year: 15 credits: RU4101;

Up to 30 further credits: RU3021 - RU3042, RU4102, RU4104 – RU4198 if necessary, to a total of between 60 and 120 credits in Russian across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

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<p>Russian and one of: Arabic, French, German, Italian, Spanish</p> <p>and one of: Ancient History^R, English^E, International Relations, Latin^B Management^T)</p> <p>^E Where first-level Russian modules clash with EN1003 and/or EN1004 then CO1001 and/or CO1002 should be taken instead. Reversal of first-level and second-level EN modules is not allowed.</p> <p>^T Timetable clash exists, therefore combination subject to arrangement by both Schools.</p> <p>^R Combinations including Ancient History and Russian are only available to non-beginners in Russian.</p> <p>^B Russian-German with Latin is only available to beginners in German.</p>	<p>Russian and one of: (Arabic, French, Italian, Spanish) and Classical Studies</p>
<p>All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.</p>	
<p>Russian Element of Triple Subject Honours M.A. (where one of the other two subjects is not from the School of Modern Languages)</p> <p>First Year: 40 credits: (RU1001 with RU1002) or (RU1005 with RU1006).</p> <p>Second Year: 40 credits: (RU2001 with RU2002) or (RU2003 with RU2109) or (RU2110 with RU2004) or (RU2005 with RU2107) or (RU2105 with RU2106) or (RU2108 with RU2006) - with a pass at grade 11 or better in the Semester 2 module.</p> <p>[WIYA only: 60 credits: RU3101 or (ML3105 with ML3106)]</p> <p>Third Year: EITHER</p> <p>30 credits: RU3001 and RU3002; Up to 15 credits: RU3021 - RU3042; Up to 15 further credits: RU3021 - RU3042, RU3103, RU4128 – RU4144, RU4201.</p> <p>OR</p> <p>75 credits: RU3001 and RU3102.</p> <p>OR (WIYA)</p> <p>30 credits: RU3005 and RU3010; Up to 15 credits: RU3021 - RU3042; Up to 15 further credits: RU3021 - RU3042, RU4128 – RU4144, RU4201.</p> <p>Fourth Year: 15 credits: RU4101; Up to 30 further credits: RU3021 - RU3042, RU4102, RU4104 – RU4198 if necessary, to a total of between 60 and 90 credits in Russian across Third and Fourth Years.</p> <p>In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.</p> <p>Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.</p>	

Russian 'with'... - Honours M.A.

Russian with Geography

Available also as a 'With Integrated Year Abroad' degree.

Russian Major Element of Russian with Geography M.A. Honours:

First Year: 40 credits: (RU1001 **with** RU1002) **or** (RU1005 **with** RU1006).

Second Year: 30 credits: RU2003 **or** RU2005;

30 credits: RU2004 **or** RU2006 - with a pass at grade 11 or better.

[WIYA only: 60 credits: RU3101]

Third Year: **EITHER**

30 credits: RU3001 **and** RU3002;

Between 15 and 30 credits: RU3021 - RU3042;

Between 15 and 30 further credits: RU3021 - RU3042, RU3103, RU4128 - RU4144, RU4201.

OR

75 credits: RU3001 **and** RU3102.

15 credits in one of: RU3021 - RU3042;

OR (WIYA)

30 credits: RU3005 **and** RU3010;

Between 15 and 30 credits: RU3021 - RU3042;

Between 15 and 30 further credits: RU3021 - RU3042, RU4128 - RU4144, RU4201.

Fourth Year: 60 credits: RU4101 **and** RU4104 **and** RU4199;

Further credits: RU3021 - RU3042, RU4128 - RU4144, RU4201 if necessary, to a total of 180 credits in Russian across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

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... 'with' Russian - Honours M.A.

Economics with Russian, Mathematics with Russian

All of the above are available also as 'With Integrated Year Abroad' degrees

Russian Minor Element of Economics/Mathematics with Russian M.A. Honours:

First Year: 40 credits: (RU1001 **with** RU1002) **or** (RU1005 **with** RU1006).

Second Year: At least 20 credits: RU2001 **or** RU2003 **or** RU2005;

At least 20 credits: RU2002 **or** RU2004 **or** RU2006 - with a pass at grade 11 or better.

[WIYA only: 60 credits: RU3101]

Third Year: **EITHER**

30 credits: RU3001 **and** RU3002;

Up to 15 credits: RU3021 - RU3042;

Up to 15 further credits: RU3021 - RU3042, RU3103, RU4128 – RU4144.

OR (WIYA)

30 credits: RU3005 **and** RU3010;

Up to 15 credits: RU3021 - RU3042;

Up to 15 further credits: RU3021 - RU3042, RU4128 – RU4144, RU4201.

Fourth Year: 15 credits: RU4101;

Up to 30 credits from RU3021 - RU3042, RU4102, RU4104 – RU4195 if necessary to a total of 60 in Russian across Third and Fourth Years

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Spanish - Single Honours M.A.

Available also as 'With Integrated Year Abroad' degree

First Year: 40 credits: (SP1001 **with** SP1002) **or** (SP1003 **with** SP1004).

Second Year: 30 credits: SP2001 **or** SP2005;

30 credits: SP2002 - with a pass at grade 11 or better.

[WIYA only: 60 credits: SP3101]

Third Year: 60 credits: SP3001 **and** SP3002 **and** SP3221 **and** SP3222;

60 further credits: SP3000 - SP3999.

Fourth Year: **EITHER**

15 credits: SP4003 **or** SP4103;

45 credits: SP4004 **and** SP4223 **and** SP4224;

15 credits: SP3006 - SP3011, SP4008, SP4012;

At least 15 credits: SP4098 **or** SP4099;

Further credits: SP3000 - SP4089, SP4200 - SP4299, to a total of 120 credits for the Year, of which at least 90 credits must be at 4000-level.

OR (EXCEPT WIYA)

90 credits: SP4004 **and** SP4099 **and** SP4102 **and** SP4224;

15 credits: SP3006 - SP3011, SP4008, SP4012;

15 further credits: SP3000 - SP4089, SP4200 - SP4299.

Students in Third or Fourth Year may, with permission of the Heads of School concerned, substitute up to 30 3000- or 4000-level credits in another subject for 3000- or 4000-level credits in Spanish.

One year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Spanish - Joint Honours M.A.

Spanish and one of: Arabic, Comparative Literature, French, German, Italian, Russian

All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

Spanish Element of Joint Honours M.A.

(where the other subject is from the School of Modern Languages):

First Year: 40 credits: (SP1001 **with** SP1002) **or** (SP1003 **with** SP1004).

Second Year: 30 credits: SP2001 **or** SP2005;
30 credits: SP2002 - with a pass at grade 11 or better.

EITHER

[WIYA only: 60 credits: SP3101 **or** (ML3105 **with** ML3106)]

Third Year: 60 credits: SP3001 **and** SP3002 **and** SP3221 **and** SP3222.
Up to 30 further credits: SP3000 - SP4089, SP4200 - SP4298.

Fourth Year: 15 credits: SP4003 **or** SP4103;
15 credits: SP4004;
At least 15 credits: SP4223 - SP4224;
Further credits: SP3000 - SP4089, SP4200 - SP4298 if necessary, to a total of between 105 and 150 credits in Spanish across Third and Fourth Years.

OR (for those taking less than 105 Spanish credits over the two Honours years)

[WIYA only: 60 credits: SP3101 **or** (ML3105 **with** ML3106)]

Third Year: 30 credits: SP3001 **and** SP3002
15 further credits: SP3000 - SP4089, SP4200 - SP4298.

Fourth Year: 30 credits: SP4003 **and** SP4004;
15 further credits: SP3000 - SP4099, SP4200 - SP4298.

OR (EXCEPT WIYA and with permission from the Chair of Department/Convenor for the Joint subject)

Third Year: 60 credits: SP3001 **and** SP3002 **and** SP3221 **and** SP3222.

Fourth Year: 90 credits: SP4004 **and** SP4099 **and** SP4102 **and** SP4224;

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

One year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

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Spanish and one of: Ancient History, Art History, Economics, English, Film Studies, Geography, Greek, International Relations, Latin, Management, Mathematics, Mediaeval History, Middle East Studies, Modern History[†], Philosophy, Scottish History, Social Anthropology[†], Theological Studies

[†] Timetable clash: combination subject to arrangements with both Departments.

All of the above are available also as 'With Integrated Year Abroad' degrees

Spanish Element of M.A. Joint Honours

(where the other subject is NOT from the School of Modern Languages, except Spanish and Classics):

First Year: 40 credits: (SP1001 **with** SP1002) **or** (SP1003 **with** SP1004).

Second Year: 30 credits: SP2001 **or** SP2005;

30 credits: SP2002 - with a pass at grade 11 or better.

[WIYA only: 60 credits: SP3101]

Third Year: 60 credits: SP3001 **and** SP3002 **and** SP3221 **and** SP3222.

Fourth Year: **EITHER**

15 credits: SP4003 **or** SP4103;

15 credits: SP4004

At least 15 credits: SP4223 - SP4224;

Further credits: SP3000 - SP4089, SP4200 - SP4298 if necessary, to a total of 60 credits for the Year.

OR (EXCEPT WIYA and with permission from the relevant School for the Joint subject)

90 credits: SP4004 **and** SP4099 **and** SP4102 **and** SP4224.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of any other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Spanish and Classics - Joint Honours M.A.

Available also as a 'With Integrated Year Abroad' degree.

Spanish Element of Spanish and Classics M.A. Joint Honours:

First Year: 40 credits: (SP1001 **with** SP1002) **or** (SP1003 **with** SP1004).

Second Year: 40 credits: (SP2002 **with** SP2003) **or** (SP2001 **with** SP2004) **or** (SP2004 **with** SP2005) - with a pass at grade 11 or better in the Semester 2 module.

[WIYA only: 60 credits: SP3101]

Third Year: 60 credits: SP3001 **and** SP3002 **and** SP3221 **and** SP3222.

Fourth Year: 15 credits: SP4003 **or** SP4103;

15 credits: SP4004

At least 15 credits: SP4223 - SP4224;

Further credits: SP3000 - SP4089, SP4200 - SP4298 if necessary, to a total of 60 credits for the Year.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Spanish - Triple Subject Honours M.A.

Spanish and two of: Arabic, Comparative Literature, French, German, Italian, Russian

All of the above are available also as 'With Integrated Year Abroad' degrees although at present not with a placement through Arabic.

Spanish Element of M.A. Triple Subject Honours

(where the other two subjects are both from the School of Modern Languages):

First Year: 40 credits: (SP1001 **with** SP1002) **or** (SP1003 **with** SP1004).

Second Year: 40 credits: (SP2002 **with** SP2003) **or** (SP2001 **with** SP2004) **or** (SP2004 **with** SP2005) - with a pass at grade 11 or better in the Semester 2 module.

[WIYA only: 60 credits: SP3101 **or** (ML3105 **with** ML3106)]

Third Year: 30 credits: SP3001 **and** SP3002;

Up to 60 credits: SP3000 - SP4089, SP4200 - SP4298.

Fourth Year: 15 credits: SP4003 **or** SP4103;

15 credits: SP4004;

Further credits: SP3000 - SP4099, SP4200 - SP4298 if necessary, to a total of between 60 and 120 credits in Spanish across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

One year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

Spanish and one of: Arabic, French, German, Italian, Russian

and one of: Ancient History, English, International Relations, Latin ^B, Management

^B Combinations including German and Latin are only available to beginners in German.

Spanish and one of: (Arabic, French, Italian, Russian) and Classical Studies

and one of: (French, German, Italian) and Greek ^G

^B Spanish-German with Latin is only available to beginners in German.

^G Spanish-German with Greek is only available to non-beginners in German.

All of the above are available also as 'With Integrated Year Abroad' degrees, although at present not with a placement through Arabic.

Spanish Element of Triple Subject Honours M.A.

(where one of the other two subjects is not from the School of Modern Languages):

First Year: 40 credits: (SP1001 **with** SP1002) **or** (SP1003 **with** SP1004).

Second Year: 40 credits: (SP2002 **with** SP2003) **or** (SP2001 **with** SP2004) **or** (SP2004 **with** SP2005) - with a pass at grade 11 or better in the Semester 2 module.

[WIYA only: 60 credits: SP3101 **or** (ML3105 **with** ML3106)]

Third Year: 30 credits: SP3001 **and** SP3002;

Up to 30 credits: SP3000 - SP4089, SP4200 - SP4298.

Fourth Year: 15 credits: SP4003 **or** SP4103;

15 credits: SP4004;

Further credits: SP3000 - SP4099, SP4200 - SP4298 if necessary, to a total of between 60 and 90 credits in Spanish across Third and Fourth Years.

In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.

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Spanish 'with' ... - Honours M.A.	
Spanish with Geography Honours M.A.	Available also as a 'With Integrated Year Abroad' degree.
Spanish Major Element of Spanish with Geography Honours M.A.	
First Year:	40 credits: (SP1001 with SP1002) or (SP1003 with SP1004).
Second Year:	30 credits: SP2001 or SP2005; 30 credits: SP2002 - with a pass at grade 11 or better.
<i>[WIYA only:</i>	<i>60 credits: SP3101]</i>
Third Year:	60 credits: SP3001 and SP3002 and SP3221 and SP3222; Up to 60 credits: SP3000 - SP4089, SP4200 - SP4298.
Fourth Year:	15 credits: SP4003 or SP4103; 45 credits: SP4004 and SP4223 and SP4224; Further credits: SP3000 - SP4099, SP4200 - SP4298 if necessary, to a total of 180 credits in Spanish across Third and Fourth Years.
In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	
Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.	
... 'with' Spanish - Honours M.A.	
Economics, Geography, Mathematics with Spanish	All of the above are available also as 'With Integrated Year Abroad' degrees
Spanish Minor Element of Economics/Geography/Mathematics with Spanish Honours M.A.	
First Year:	40 credits: (SP1001 with SP1002) or (SP1003 with SP1004).
Second Year:	30 credits: SP2001 or SP2005; 30 credits: SP2002 - with a pass at grade 11 or better.
<i>[WIYA only:</i>	<i>60 credits: SP3101]</i>
Third Year:	30 credits: SP3001 and SP3002.
Fourth Year:	15 credits: SP4003 or SP4103; 15 credits: SP4004.
In total, 240 credits (300 for WIYA programmes) must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	
Subject to the approval of the other School involved, one year or one semester may be spent in Study Abroad on a recognised Exchange scheme.	

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Arabic (AR) Modules

AR1001 Arabic for Beginners 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	11.00 am or, if timetable clash, 12.00 noon on Mon; 11.00 am or, if timetable clash, 12.00 noon Tue - Fri, or 4.00pm, Tue, Thu, Fri and 9.00 am Wed.			
This module, together with AR1002, will enable students to read, write and converse in simple Modern Standard Arabic. It will cover the Arabic alphabet and writing system, and begin the study of Arabic grammar. A selection of non-literary modern Arabic texts will be read in class as the basis of language teaching, classroom drills, tests and written assignments and oral class work.				
Programme module type:	Compulsory for Arabic			
Anti-requisite(s):	Native Speaker of Arabic who is fluent in Modern Standard Arabic, a pass at Higher, A-Level or equivalent.			
Required for:	AR1002			
Learning and teaching methods and delivery:	Weekly contact: 5 language classes and 1 surgery hour.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations= 20%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Practical Examination = 20%, Written Examination = 40%			
Module Co-ordinator:	Dr F Caiani			
Lecturer(s)/Tutor(s):	Dr F Caiani, Ms D Al Afranji, Mr M Whitehouse			

AR1002 Arabic for Beginners 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	11.00 am or, if timetable clash, 12.00 noon on Mon; 11.00 am or, if timetable clash, 12.00 noon Tue - Fri, or 4.00 pm, Tue, Thu, Fri and 9.00 am Wed.			
This module will complete the work of AR1001 and prepare students for AR2001. It will cover the remaining points of Arabic grammar, using a selection of representative non-literary texts. Please note that this module is not designed for native or heritage speakers of Arabic.				
Programme module type:	Compulsory for Arabic			
Pre-requisite(s):	AR1001	Required for:	AR2001	
Anti-requisite(s):	Native Speaker of Arabic who is fluent in Modern Standard Arabic, a pass at Higher, A-Level or equivalent.			
Learning and teaching methods and delivery:	Weekly contact: 5 language classes and 1 surgery hour.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations= 20%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Practical Examination = 20%, Written Examination = 40%			
Module Co-ordinator:	Dr F Caiani			
Lecturer(s)/Tutor(s):	Dr F Caiani, Ms D Al Afranji, Mr M Whitehouse			

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AR2001 Intermediate Arabic 1				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	10.00 am			
This module, together with AR2002, will enable students to read and write Modern Standard Arabic to intermediate level with the aid of a dictionary, and to speak in standard Arabic on appropriate topics with a limited vocabulary. Oral work and written class work will be based on a series of texts selected for their relevance to the understanding of contemporary issues and culture.				
Programme module type:	Compulsory for Arabic			
Pre-requisite(s):	AR1002	Required for:	AR2002	
Learning and teaching methods and delivery:	Weekly contact: 5 language classes and 1 surgery hour.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations= 20%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Practical Examination = 20%, Written Examination = 40%			
Module Co-ordinator:	Dr F Caiani			
Lecturer(s)/Tutor(s):	Dr F Caiani, Ms D Al Afranji, Mr M Whitehouse			

AR2002 Intermediate Arabic 2				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	10.00 am			
This module continues the work of AR2001 and prepares students for Honours modules in Arabic. In tutorials, applied language work uses passages from contemporary and modern writings, selected for their relevance to the understanding of contemporary issues, language and thought. In classes/lectures, representative literary texts provide an introduction to key themes in Arabic culture.				
Programme module type:	Compulsory for Arabic			
Pre-requisite(s):	AR2001	Required for:	AR3201	
Learning and teaching methods and delivery:	Weekly contact: 5 language/text classes and 1 surgery hour.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 20%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Practical Examination = 20%, Written Examination = 40%.			
Module Co-ordinator:	Dr F Caiani			
Lecturer(s)/Tutor(s):	Dr F Caiani, Ms D Al Afranji, Mr M Whitehouse			

AR2004 Introduction to Classical Arab Culture			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 1
Planned timetable:	5.00 Mon, Tue and Thu.		
The module aims to give an introduction to classical Arab culture by exploring the intellectual history of the Arab world and the context of its development during the early and classical period (6th-15th centuries). The course will cover subjects such as the origins of the Arabic language and script, the Qur'an and its criticism, Islamic theology, Islamic art and architecture, Sufism, jurisprudence, philosophy, science, geography and historiography in the Islamic world.			
Programme module type:	Optional module available to all students.		
Learning and teaching methods and delivery:	Weekly contact: 3 lectures.		
	Scheduled learning: 33 hours	Guided independent study: 167 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%		
	As used by St Andrews: Coursework = 40%, Examination = 60%		
Module Co-ordinator:	Dr K Dmitriev		
Lecturer(s)/Tutor(s):	Dr K Dmitriev		

Comparative Literature (CO) Modules

CO1001 The Nineteenth-Century Novel				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	1.00 pm			
<p>This module introduces students to the study of Comparative Literature through nineteenth-century novels from France, Germany, Italy, Russia, Spain, the UK and the USA. All the texts will be read in translation, though students with a reading knowledge of the target language(s) will be encouraged to read the original version(s). The aim of the module is to introduce students to a representative and canonical range of fictional works, with focus on one literary genre -- the novel -- and one over-arching theme. The theme will change depending on staff availability, but for 2012-13 and the immediate future will be 'The Novel of Adultery'. Lecturers, seminar leaders and secondary criticism will all model a variety of comparative approaches for students and promote discussion of the discipline.</p>				
Programme module type:	Compulsory for Comparative Literature. Either CO1001 or EN1003 is a compulsory for English.			
Required for:	CO2001			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 seminar, 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr E Finer			
Lecturer(s)/Tutor(s):	Team taught			

CO1002 Drama in the Twentieth and Twenty-first Centuries				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	1.00 pm			
<p>This module introduces students to the study of Comparative Literature through plays written in the 20th and 21st century from France, Germany, Italy, Russia, Spain, the UK and the USA. All the texts will be read in translation though students with a reading knowledge of the target language(s) will be encouraged to read the original version(s). The aim of the module is to introduce students to a representative and canonical range of fictional works, with focus on one literary genre -- drama -- and one over-arching theme. The theme will change depending on staff availability, but for 2012-13 and the immediate future will be 'Staging the Political'. Lecturers, seminar leaders and secondary criticism will all model a variety of comparative approaches for students and promote discussion of the discipline and potential directions for further study at sub-honours and honours degree level.</p>				
Programme module type:	Compulsory for Comparative Literature. Either CO1002 or EN1004 is a compulsory for English.			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 seminar, 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr E Finer			
Lecturer(s)/Tutor(s):	Team taught			

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CO2001 Good and Evil				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	1.00 pm			
<p>This module will provide students with the opportunity to develop skills acquired at Level 1 of the comparative literature core programme, whilst introducing them to a range of texts in which the theme of 'Good & Evil' will be explored. This theme will provide a broad platform to investigate issues of morality and identity, and relationships between literature, religion, and psychology.</p> <p>Students will be reading texts originally written in a range of languages (Arabic, English, French, German, Italian, Russian and Spanish), of various genres (e.g. novels, short stories, essays, letters, poetry), written between the thirteenth and the twenty-first century. They will be encouraged to reflect on the cultural, intellectual and philosophical paradigms influencing the evolution of notions of good and evil, and on the historical circumstances which determined them. These will in turn form the basis of the comparative analysis of the different ways in which Good and Evil are perceived and represented in the texts considered. Linguistic and stylistic features, structural and genre-related aspects, and issues raised by translation will form an integral part of the module.</p>				
Programme module type:	Compulsory for Comparative Literature			
Pre-requisite(s):	CO1002	Required for:	CO2002	
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 seminar, 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr E Finer			
Lecturer(s)/Tutor(s):	Team taught			

CO2002 Journeys'				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	1.00 pm			
<p>This module will provide students with the opportunity to develop skills acquired at Level 1 of the comparative literature programme, whilst introducing them to a range of texts -- both canonical and non-canonical -- offering variants on the theme of 'Journeys'. As a topos which lends itself to several layers of interpretation, 'Journeys' will provide a platform for students to explore concepts such as (inter-cultural) identity, alterities, encounters, in 'real' as well as imaginary travels or journeys. Students will be reading texts originally written in a range of languages (English, French, Spanish, German, Russian and Italian), of various genres (e.g. novel, diary, letters, essay, poetry), written between the 13th and the 21st century, and will be encouraged to reflect on the similarities and differences between the narrative treatment of journeys to specific geographic locations. As with all comparative modules, the importance of form, and the role of translation in its linguistic and cultural sense, will remain at the centre of all discussions.</p>				
Programme module type:	Compulsory for Comparative Literature			
Pre-requisite(s):	CO2001			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 seminar, 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr E Hugeny-Léger			
Lecturer(s)/Tutor(s):	Team taught			

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French (FR) Modules

FR1001 French Language and Literature 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	9.00 am			
This module aims to bridge the gulf between school and university French studies by developing the language skills of post A-Level/Higher entrants and offering them a grounding in the literary and cultural tradition in France. In particular, it aims to ensure grammatical competence and promote comprehension and production in both written and spoken modes, and to teach the reading of French literary texts in their socio-cultural context and develop basic skills of literary criticism.				
Programme module type:	Compulsory for all degrees including French			
Pre-requisite(s):	Higher, SYS or A-Level French (or European equivalent, or International Baccalauréat, or AP score of 4 or 5, or SATII score of 700+).			
Required for:	FR1002			
Learning and teaching methods and delivery:	Weekly contact: 4 hours and 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	Dr E S M Hugueny-Léger			

FR1002 French Language and Literature 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	9.00 am			
This module aims to ensure grammatical competence and promote comprehension and production in written and spoken modes, and to teach the reading of French literary texts in their socio-cultural background and develop basic skills of literary criticism, building on FR1001.				
Programme module type:	Compulsory for all degrees including French.			
Pre-requisite(s):	FR1001	Required for:	FR2021, FR2031	
Learning and teaching methods and delivery:	Weekly contact: 4 hours and 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	Dr E S M Hugueny-Léger			
Lecturer(s)/Tutor(s):				

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FR2021 French Language and Society 1				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	12.00 noon			
The module comprises two main elements: (i) French Language; (ii) Introduction to French history. The French Language strand builds on core competencies acquired in Year 1 and focuses on oral and written communication skills, language analysis, expression. The history component provides an introduction to the broad historical development of France from the Renaissance to 1789, studying both large-scale trends and important texts which are analysed in their historical context.				
Programme module type:	Compulsory for French and Classics, Biology with French, Chemistry with French, Chemistry with French and External Placement, all Three-Subject degrees including French.			
Pre-requisite(s):	FR1002	Anti-requisite(s):	FR2031	
Required for:	FR2022			
Learning and teaching methods and delivery:	Weekly contact: 4 or 5 hours and 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	Dr G Bowd			

FR2022 French Language and Society 2				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	12.00 noon			
The module develops further the two main elements of FR2021.				
Programme module type:	Compulsory for French and Classics, Biology with French, Chemistry with French, Chemistry with French and External Placement, all Three-Subject degrees including French.			
Pre-requisite(s):	FR2021	Anti-requisite(s):	FR2032	
Learning and teaching methods and delivery:	Weekly contact: 4 or 5 hours and 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	Dr G Bowd			

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FR2031 French Studies 1				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	12.00 noon			
The module comprises three main elements: (i) French Language; (ii) Introduction to French history; (iii) French Literature. The French Language strand builds on core competencies acquired in Year 1 and focuses on oral and written communication skills, language analysis, expression. The history component provides an introduction to the broad historical development of France from the Renaissance to 1789, studying both large-scale trends and important texts which are analysed in their historical context. The French Literature strand comprises a survey of literature from the sixteenth century to the eighteenth century which enhances critical skills and the appreciation of major French literary texts.				
Programme module type:	Compulsory for French			
Pre-requisite(s):	FR1002	Anti-requisite(s):	FR2021	
Required for:	FR2032			
Learning and teaching methods and delivery:	Weekly contact: 6 or 7 hours.			
	Scheduled learning: 77 hours		Guided independent study: 223 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			
Module Co-ordinator:	Dr D Culpin			
Lecturer(s)/Tutor(s):				

FR2032 French Studies 2				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	12.00 noon			
The module develops further the three main elements of FR2031.				
Programme module type:	Compulsory for French			
Pre-requisite(s):	FR2031	Anti-requisite(s):	FR2022	
Learning and teaching methods and delivery:	Weekly contact: 6 or 7 hours and 1 surgery hour.			
	Scheduled learning: 77 hours		Guided independent study: 223 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 60%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Practical Examination = 60%			
Module Co-ordinator:	Dr G Bowd			

German (GM) Modules

GM1001 First Level German A 1			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Planned timetable:	3.00 pm		
<p>The module, which lays the foundation for study of German language and literature at university level, is designed for students of German as a foreign language. Two weekly language classes and self-access computer-assisted language practice aim to develop speaking, reading and writing skills and grammatical competence, using materials which cover aspects of contemporary German society and culture. Weekly lectures and seminars will give students an introduction to German studies. They will familiarise students with techniques of understanding and analysing a variety of texts - narrative, poetic and historical - as well as linguistic patterns. Please note that this module is not designed for native or heritage speakers of German.</p>			
Programme module type:	Optional for all degrees including German.		
Pre-requisite(s):	SCE Higher or A-Level German or equivalent		
Required for:	GM1002		
Learning and teaching methods and delivery:	Weekly contact: 1 lecture, 1 seminar, 2 language classes, CALL classroom work and 1 surgery hour.		
	Scheduled learning: 55 hours	Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	As used by St Andrews: Coursework = 100%		
Module Co-ordinator:	Frau S Reisenleutner		

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GM1002 First Level German A 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	3.00 pm			
<p>This module builds on the foundation study of German language and literature in Module GM1001. Language classes and CALL practice will further develop speaking, reading and writing skills and grammatical competence, using materials which cover aspects of contemporary German society and culture. Lectures and seminars extend the study of modern literary texts, helping students to develop further their reading and analytical skills and placing the texts in their social and cultural historical context. Please note that this module is not designed for native or heritage speakers of German.</p>				
Programme module type:	Optional for all degrees including German			
Pre-requisite(s):	GM1001	Required for:	GM2001, GM2003	
Learning and teaching methods and delivery:	Weekly contact: 1 lecture, 1 seminar, 2 language classes, CALL classroom work and 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Frau S Reisenleutner			

GM1003 First Level German B 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	4.00 pm			
<p>The module provides the first half of an intensive language programme for beginners and those with Standard Grade or GCSE German. Students taking the module are strongly advised to proceed to module GM1004 in the second semester. Completion of the two modules can provide a one-year foundation for those students looking for an ancillary language skill, or it can lead to entry into the Second Level German course and subsequently to an Honours degree in German. The emphasis will be primarily on the acquisition of competence in the German language, both written and spoken, and activities in class will combine the teaching of grammar with the development of communicative competence and written skills.</p>				
Programme module type:	Optional for all degrees including German			
Anti-requisite(s):	Native speaker of German, a pass at Higher, A-Level or equivalent			
Required for:	GM1004			
Learning and teaching methods and delivery:	Weekly contact: 4 language classes and 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Frau I Hartung			

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GM1004 First Level German B 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	4.00 pm			
<p>The module represents the second half of the intensive language courses for beginners and those with intermediate qualifications. Completion of this module and Module GM1003 can provide a one-year foundation for those seeking an ancillary language skill, or lead to entry into the Second Level German class and subsequently to an Honours degree in German. The module builds on the work done in Module GM1003. Students complete the second half of a one-year course in modern German and continue to develop their linguistic skills, both written and oral. There is at this stage also some study of selected German literary texts. Please note that this module is not designed for native or heritage speakers of German.</p>				
Programme module type:	Optional for all degrees including German			
Pre-requisite(s):	GM1003	Required for:	GM2007, GM2009	
Learning and teaching methods and delivery:	Weekly contact: 4 language classes and 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Frau I Hartung			

GM2001 Second Level German A 1				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	9.00 am			
<p>The module aims to further the written and spoken language skills and the ability to read and analyse literary texts acquired by students in GM1001 and GM1002. It continues the pre-honours coverage of German as a university subject by extending students' knowledge of the literature of Germany in the Middle Ages and of the eighteenth and nineteenth centuries, as well as German linguistics. Language classes will concentrate on practice in writing German, grammar as well as oral and aural competence.</p>				
Programme module type:	Either (GM2001 and GM2002) or (GM2009 and GM2010) are compulsory for Single and Joint Honours German. GM2001 or GM2002 is an Optional for Three-Subject degrees including German, Economics with German.			
Pre-requisite(s):	GM1002	Anti-requisite(s):	GM2003	
Required for:	GM2002, GM2004			
Learning and teaching methods and delivery:	Weekly contact: 6 or 7 hours and 1 surgery hour.			
	Scheduled learning: 88 hours		Guided independent study: 212 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr C Lawson			

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GM2002 Second Level German A 2			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 2
Planned timetable:	9.00 am		
This module builds on the language and literary studies in module GM2001 and completes the pre-honours presentation of core areas of German as a university subject with the extension of students' knowledge of modern literature of the twentieth century and contemporary German linguistics. Language classes will continue to concentrate on written skills, including translation and the production of practical text types such as letters, reports and applications and will further promote students' oral communicative skills.			
Programme module type:	Either (GM2001 and GM2002) or (GM2009 and GM2010) are compulsory for Single and Joint Honours German. GM2001 or GM2002 is an Optional for Three-Subject degrees including German, Economics with German.		
Pre-requisite(s):	GM2001 or GM2003	Anti-requisite(s):	GM2004
Learning and teaching methods and delivery:	Weekly contact: 6 or 7 hours and 1 surgery hour.		
	Scheduled learning: 88 hours	Guided independent study: 212 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%		
	As used by St Andrews: Coursework = 40%, 3-hour Written Examination = 60%		
Module Co-ordinator:	Dr C Lawson		

GM2003 Second Level German Language A 1			
SCOTCAT Credits:	10	SCQF Level 8	Semester: 1
Planned timetable:	To be arranged.		
This module builds on modules GM1001 and GM1002, and consists of the German Language element of module GM2001. It provides practice in writing skills and the extension of students' knowledge of grammar. Language classes also develop competence in listening and speaking and extend students' awareness of contemporary German.			
Programme module type:	GM2003 or GM2004 is optional for Three-Subject degrees including German, Economics with German		
Pre-requisite(s):	GM1002	Anti-requisite(s):	GM2001
Required for:	GM2002, GM2004		
Learning and teaching methods and delivery:	Weekly contact: 2 to 3 hours and 1 surgery hour.		
	Scheduled learning: 44 hours	Guided independent study: 56 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	As used by St Andrews: Coursework = 100%		
Module Co-ordinator:	Dr C Lawson		

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GM2004 Second Level German Language A 2				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	2
Planned timetable:	9.00 am Mon and to be arranged.			
This module aims to enhance further students' skills in written and spoken German and their knowledge of contemporary German, using the language element of module GM2002.				
Programme module type:	GM2003 or GM2004 is an Optional for Three-Subject degrees including German, Economics with German			
Pre-requisite(s):	GM2001 or GM2003	Anti-requisite(s):	GM2002	
Learning and teaching methods and delivery:	Weekly contact: 2 to 3 hours and 1 surgery hour.			
	Scheduled learning: 44 hours		Guided independent study: 56 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 1-hour Written Examination = 60%			
Module Co-ordinator:	Dr C Lawson			

GM2007 Second Level German Language B 1				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	1
Planned timetable:	To be arranged.			
This module is designed to provide intensive language study for students who have completed the first level beginners/near beginners modules GM1003 and GM1004. It aims to develop language competence through written and spoken language classes, with reading and oral and written discussion of texts, writing exercises, including essays and letters, practice in speaking and listening, and revision of aspects of grammar. Students are expected to use CALL programmes on a self-access basis.				
Programme module type:	GM2007 or GM2008 is an Optional for Three-Subject degrees including German, Economics with German			
Pre-requisite(s):	GM1004	Anti-requisite(s):	GM2009	
Required for:	GM2008, GM2010			
Learning and teaching methods and delivery:	Weekly contact: 3 hours and 1 surgery hour.			
	Scheduled learning: 44 hours		Guided independent study: 56 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Frau S Reisenleutner			

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GM2008 Second Level German Language B 2				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	2
Planned timetable:	To be arranged.			
Building on module GM2007, the module aims to provide further intensive language study for students who took the First Level (Beginners) modules. It continues to develop reading, analytical, writing, listening and speaking skills and grammatical competence. CALL programmes are a prescribed part of the course.				
Programme module type:	GM2007 or GM2008 is an Optional for Three-Subject degrees including German, Economics with German			
Pre-requisite(s):	GM2007 or GM2009	Anti-requisite(s):	GM2010	
Learning and teaching methods and delivery:	Weekly contact: 3 hours and 1 surgery hour.			
	Scheduled learning: 44 hours		Guided independent study: 56 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 1-hour Written Examination = 60%			
Module Co-ordinator:	Frau S Reisenleutner			

GM2009 Second Level German B 1				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	9.00 am Tue, Wed, Thu and to be arranged.			
The module is designed for students who have taken the First Level B modules GM1003 and GM1004 and prepares them for entry to Honours courses by intensive language work and by introducing them to the study of modern and mediaeval literature. It aims to develop language competence through written and spoken language classes, with reading and oral and written discussion of texts, writing exercises, including essays and letters, practice in speaking and listening, and revision of aspects of grammar. Students are expected to use CALL programmes on a self-access basis. Lectures and seminars on works by modern authors will develop literary skills. Lectures and seminars on mediaeval literature will help students acquire reading competence and awareness of the literary culture of the Middle Ages.				
Programme module type:	Either (GM2009 and GM2010) or (GM2001 and GM2002) are compulsory for Single and Joint Honours German. GM2009 or GM2010 is an Optional for Three-Subject degrees including German, Economics with German.			
Pre-requisite(s):	GM1004	Anti-requisite(s):	GM2007	
Required for:	GM2008, GM2010			
Learning and teaching methods and delivery:	Weekly contact: 6 or 7 hours.			
	Scheduled learning: 88 hours		Guided independent study: 212 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Frau S Reisenleutner			

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GM2010 Second Level German B 2			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 2
Planned timetable:	9.00 am Tue, Wed, Thu and Fri and to be arranged.		
<p>This module builds on the language and Building on GM2009, the module aims to provide further intensive language study for students who took the First Level B modules. It continues to develop reading, analytical, writing, listening and speaking skills and grammatical competence. CALL programmes are a prescribed part of the course. The literature course will be based on texts by modern authors. An introduction to German linguistics will complete a pre-honours coverage of German as a university subject.</p>			
Programme module type:	<p>Either (GM2009 and GM2010) or (GM2001 and GM2002) are compulsory for Single and Joint Honours German.</p> <p>GM2009 or GM2010 is an Optional for Three-Subject degrees including German, Economics with German.</p>		
Pre-requisite(s):	GM2009 or GM2007	Anti-requisite(s):	GM2008
Learning and teaching methods and delivery:	Weekly contact: 6 or 7 hours and 1 surgery hour.		
	Scheduled learning: 88 hours	Guided independent study: 212 hours	
Assessment pattern:	<p>As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%</p>		
	<p>As used by St Andrews: Coursework = 40%, 3-hour Written Examination = 60%</p>		
Module Co-ordinator:	Frau S Reisenleutner		

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Italian (IT) Modules

IT1001 Introduction to Italian Language				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	Language classes are arranged at different times - with groups normally meeting at 10.00 am or 11.00 am, or 12.00 noon Tue - Fri.			
This module is the normal entry point which leads to Honours Italian for beginners in Italian. It is designed for students with no prior experience of Italian and does not assume any knowledge of the language. The course is intensive and proceeds quickly. It concentrates on grammar and usage through reading, writing, listening and speaking. Computer Assisted Language Learning (CALL) materials are also used to supplement classes and assessments.				
Programme module type:	Optional for Italian			
Anti-requisite(s):	Native speaker of Italian, a pass at Higher, A-Level or equivalent			
Required for:	IT1002			
Learning and teaching methods and delivery:	Weekly contact: 4 language classes and 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr R P Wilson			
Lecturer(s)/Tutor(s):	Italian Department staff and Italian Language Tutors			

IT1002 Italian Language (Elementary)				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	Classes are arranged at different times - with groups normally meeting at 10.00 am or 11.00 am, or 12 noon Mon - Fri			
The module builds on Module IT1001 and continues its basic aims by increasing the students' knowledge of and ability to use Italian. In this module one hour per week is dedicated to oral practice and Italian literature will be introduced through the reading short stories in Italian. Please note that this module is not designed for native or heritage speakers of Italian.				
Programme module type:	Optional for Italian			
Pre-requisite(s):	IT1001 or Higher Italian or its equivalent			
Required for:	IT2001			
Learning and teaching methods and delivery:	Weekly contact: 1 oral class, 3 language classes and 1 surgery hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Practical Examination = 10%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr R Wilson			
Lecturer(s)/Tutor(s):	Italian Department staff and Italian Language Tutors			

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IT1003 Italian Language Intermediate 1				
SCOTCAT Credits:	10	SCQF Level 7	Semester:	1
Planned timetable:	By arrangement			
This module and its co-requisite provide a thorough and consistently structured revision of grammar and a consolidation of speaking, reading, writing skills through formal grammar classes, practical oral language classes. Please note that this module is not designed for native or heritage speakers of Italian.				
Programme module type:	Optional for Italian			
Pre-requisite(s):	A-Level or Higher Italian. A pass mark in an additional, departmental entrance test would allow access also to students with a slightly lower qualification (e.g. GCSE, etc.)			
Co-requisite(s):	IT1005 or IT1007 - one of which is available each year	Required for:	IT1004	
Learning and teaching methods and delivery:	Weekly contact: 3 classes and 1 surgery hour.			
	Scheduled learning: 44 hours		Guided independent study: 56 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 20%, Coursework = 80%			
	As used by St Andrews: Coursework = 100% (20% Oral test, 80% Continuous assessment)			
Module Co-ordinator:	Dr F Lacaïta			
Lecturer(s)/Tutor(s):	Dr F Lacaïta			

IT1004 Italian Language Intermediate 2				
SCOTCAT Credits:	10	SCQF Level 7	Semester:	2
Planned timetable:	By arrangement			
Building on IT1003, this module and its co-requisite provide a thorough revision of grammar and a consolidation of speaking, reading and writing skills through formal grammar classes, practical oral language classes. Please note that this module is not designed for native or heritage speakers of Italian.				
Programme module type:	Optional for Italian			
Pre-requisite(s):	IT1003	Required for:	IT2001	
Co-requisite(s):	IT1006, IT1008 or IT1012 - one of which is available each year			
Learning and teaching methods and delivery:	Weekly contact: 3 classes and 1 surgery hour			
	Scheduled learning: 44 hours		Guided independent study: 56 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 40% (10% Oral test, 30% Continuous assessment), Written Examination = 60%			
Module Co-ordinator:	Dr F Lacaïta			
Lecturer(s)/Tutor(s):	Dr F Lacaïta			

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IT1005 Contemporary Italian Short Stories				
SCOTCAT Credits:	10	SCQF Level 7	Semester:	1
Planned timetable:	To be arranged.			
This module focuses on selected contemporary Italian narrative examined from a literary, social and historical perspective. Please note that this module is not designed for native or heritage speakers of Italian.				
Programme module type:	Optional for Italian			
Co-requisite(s):	IT1003 or IT2001			
Learning and teaching methods and delivery:	Weekly contact: 2 classes and 1 surgery hour.			
	Scheduled learning: 33 hours		Guided independent study: 67 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr R M Riccobono			
Lecturer(s)/Tutor(s):	Dr R M Riccobono			

IT1006 Italian Renaissance Books of Manners				
SCOTCAT Credits:	10	SCQF Level 7	Semester:	2
Planned timetable:	To be arranged.			
This module provides an introduction to the language, literature and culture of sixteenth-century Italy. Two texts will be studied which describe polite (and impolite!) behaviour, and discuss matters of the deepest moral significance as well as the most trivial details of etiquette. The texts for study are Castiglione's 'Il libro del cortegiano', and Della Casa's 'Il galateo'. Please note that this module is not designed for native or heritage speakers of Italian.				
Programme module type:	Optional for Italian			
Co-requisite(s):	IT1004 or IT2002			
Learning and teaching methods and delivery:	Weekly contact: 2 classes and 1 surgery hour.			
	Scheduled learning: 33 hours		Guided independent study: 67 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 1-hour Written Examination = 60%			
Module Co-ordinator:	Dr R P Wilson			
Lecturer(s)/Tutor(s):	Dr R P Wilson			

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IT2001 Second Level Italian				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	5.00 pm or another hour by agreement			
This Second Level Italian module aims at further developing the language skills acquired in First level Italian modules, and at enabling students to achieve an intermediate level in reading, writing, listening and speaking in Italian. The module also introduces students to Italian literature and language of different periods, including Dante.				
Programme module type:	Compulsory for Italian			
Pre-requisite(s):	IT1002 or IT1004	Required for:	IT2002	
Learning and teaching methods and delivery:	Weekly contact: 3 language classes, 2 literature classes and 1 surgery hour.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 15%, Coursework = 85%			
	As used by St Andrews: Coursework = 100% (15% Oral test, 85% Literature essays and language work)			
Module Co-ordinator:	Dr C Rossignoli			
Lecturer(s)/Tutor(s):	Dr F Lacaita, Dr C Rossignoli, Dr R P Wilson, and Italian Language Tutors			

IT2002 Second Level Italian (Advanced)				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	5.00 pm or another hour by agreement			
This module offers an intermediate language course for students who have passed IT 2001. It is designed to (1) further consolidate students' knowledge of Italian grammar, idiom and vocabulary, (2) refine their language skills and (3) develop their communication skills both oral and written through a graded oral programme related to Italian history and culture, and through 5 two-hour workshops devoted to written expression. Students will continue their study of Dante and will be introduced to the language and culture of Renaissance Italy.				
Programme module type:	Compulsory for Italian			
Pre-requisite(s):	IT2001			
Learning and teaching methods and delivery:	Weekly contact: 3 language classes , 2 literature classes and 1 surgery hour.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 40% (10% Oral test, 30% Literature essays and language work), 2-hour Written Examination = 60%			
Module Co-ordinator:	Prof D Duncan			
Lecturer(s)/Tutor(s):	Prof D Duncan, Dr F Lacaita, Dr R P Wilson, and Italian Language Tutors			

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Persian (PR) Modules

PR1001 Persian for Beginners 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	10.00 am			
This is a beginner's level language module, which teaches the skills of reception (reading and listening) and production (speaking and writing) in Persian. The aim is to familiarise students with the spoken and written forms of Persian, to enable them to express themselves in writing, role-play and basic dialogues, and to begin to read basic authentic texts.				
Programme module type:	Available to any degree programme.			
Anti-requisite(s):	Native Speaker of Persian, a pass at Higher, A-Level or equivalent.			
Required for:	PR1002			
Learning and teaching methods and delivery:	Weekly contact: 5 language classes and 1 surgery hour.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 40%, Practical Examinations= 20%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Oral Examination = 20%, Written Examination = 40%			
Module Co-ordinator:	Dr M Ghorbankarimi			
Lecturer(s)/Tutor(s):	Dr M Ghorbankarimi			

PR1002 Persian for Beginners 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1 & 2 (taught twice)
Planned timetable:	11.00 am			
This module is a continuation of PR1001, developing reception skills (reading and listening), and language production (speaking and writing) in Persian. It also provides an introduction to elementary translation between Persian and English. Please note that this module is not designed for native or heritage speakers of Persian.				
Programme module type:	Available to any degree programme.			
Pre-requisite(s):	PR1001	Required for:	PR2001	
Learning and teaching methods and delivery:	Weekly contact: 5 language classes and 1 surgery hour.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 40%, Practical Examinations= 20%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Oral Examination = 20%, Written Examination = 40%			
Module Co-ordinator:	Dr M Ghorbankarimi			
Lecturer(s)/Tutor(s):	Dr M Ghorbankarimi			

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PR2001 Intermediate Persian 1				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1 & 2 (taught twice)
Academic year:	2012/3			
Availability restrictions:				
Planned timetable:	12.00 noon			
<p>This is the first of the two intermediate level Persian modules. Students will develop skills to read more sophisticated texts written in the target language and translate them into English. They will also consolidate their understanding of Persian grammar and learn how to use it in reading, listening, speaking and writing. They will be introduced to vocabulary from a wider range of topics and will be able to hold longer conversations about those topics. They will be exposed to some basic classical Persian literature. By the end of the module the students are expected to be competent in: a) Conversation at an intermediate level on a variety of topics (modern events and Iranian culture); b) The discussion of a range of general topics and c) Reading and translating modern standard Persian texts from newspapers, short stories, etc.</p>				
Programme module type:	Available to any degree programme.			
Pre-requisite(s):	PR1002	Required for:	PR2002	
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 1 surgery hour.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 40%, Practical Examinations= 20%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Oral Examination = 20%, Written Examination = 40%			
Module Co-ordinator:	Dr M Ghorbankarimi			
Lecturer(s)/Tutor(s):	Dr M Ghorbankarimi			

PR2002 Intermediate Persian 2				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	To be arranged.			
<p>This is the second of two intermediate level Persian modules. In tutorials, applied language work uses passages from contemporary and modern writings, selected for their relevance to the understanding of contemporary issues, language and thought. In classes/lectures, representative literary texts provide insights into key themes in Iranian culture. By the end of the module the students are expected to be competent in: a) Reading and translating newspapers on contemporary topics. b) Conversing and engaging in discussion about contemporary topics related to the Middle Eastern and Iranian culture,</p>				
Programme module type:	Available to any degree programme.			
Pre-requisite(s):	PR2001			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 1 surgery hour.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 40%, Practical Examinations= 20%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Oral Examination = 20%, Written Examination = 40%			
Module Co-ordinator:	Dr M Ghorbankarimi			
Lecturer(s)/Tutor(s):	Dr M Ghorbankarimi			

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Russian (RU) Modules

RU1001 Elementary Russian Language 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	11.00 am plus 1 oral hour to be arranged.			
The module, aimed at beginners, provides the most basic elements of Russian (alphabet, vocabulary, grammar, pronunciation). The module begins with the Cyrillic alphabet and the rules of spelling and pronunciation. The main grammatical areas covered are the nominal declensions (nouns, adjective, pronouns), use of cases, and the verbal conjugations, and present and past tenses. Oral tuition with a native language tutor is provided.				
Programme module type:	Optional for Russian			
Required for:	RU1002			
Learning and teaching methods and delivery:	Weekly contact: 1 lecture and 3 language classes.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 15%, Coursework = 25%			
	As used by St Andrews: Coursework = 25%, Practical Test = 15%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr V Donovan			

RU1002 Elementary Russian Language 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	11.00 am plus 1 oral hour to be arranged.			
The module builds on RU1001, and on completion will have provided a competence in Russian grammar sufficient for reading Russian texts (books, newspapers etc) with the aid of a dictionary. Further important areas of Russian grammar are covered, including plural and adjectival declensions, future tenses, verbal aspects and verbs of motion. Oral tuition is continued. Please note that this module is not designed for native or heritage speakers of Russian.				
Programme module type:	Optional for Russian			
Pre-requisite(s):	RU1001			
Required for:	RU2001, RU2003, RU2100, RU2110			
Learning and teaching methods and delivery:	Weekly contact: 1 lecture and 3 language classes.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 15%, Coursework = 25%			
	As used by St Andrews: Coursework = 25%, Practical Test = 15%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr V Donovan			

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RU1005 Advanced Elementary Russian Language and Literature 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	4.00 pm plus 1 hour to be arranged.			
The module reinforces and builds on the knowledge of grammar and vocabulary acquired at school and tests it through a system of regular translations from and into Russian and short written quizzes. Literary texts are studied in Russian, and two literary essays in English are required. Oral tuition is given in small-group classes with a native language instructor. Please note that this module is not designed for native or heritage speakers of Russian.				
Programme module type:	Optional for Russian			
Pre-requisite(s):	SCE Higher Russian or its equivalent.			
Required for:	RU1006			
Learning and teaching methods and delivery:	Weekly contact: 3 language classes and 1 oral class.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Practical Test = 10%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr V Donovan			

RU1006 Advanced Elementary Russian Language and Literature 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	4.00 pm plus 1 hour to be arranged.			
The module builds on the level of achievement reached in RU1005. It has elements of grammar, translation, text analysis, study of literature, for which two essays in English are required, and oral tuition classes with a native language instructor. Please note that this module is not designed for native or heritage speakers of Russian.				
Programme module type:	Optional for Russian			
Pre-requisite(s):	RU1005			
Required for:	RU2005, RU2100, RU2105, RU2108			
Learning and teaching methods and delivery:	Weekly contact: 3 language classes and 1 oral class.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Practical Test = 10%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr V Donovan			

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RU2001 Intermediate Russian Language 1				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	10.00 am plus 1 oral hour to be arranged.			
Following on from RU1001 and RU1002, this module represents the least intensive of the three second-level Russian tracks. The most important elements of Russian grammar given in the first year are reinforced in this course, and further points of grammar and syntax are taught. There are regular exercises of translation both from and into Russian. Spoken Russian is improved through small-group oral tuition classes with a native language instructor.				
Programme module type:	Optional for Three-Subject Degrees involving Russian, Economics with Russian, Mathematics with Russian			
Pre-requisite(s):	RU1002	Anti-requisite(s):	RU2002, RU2004	
Required for:	RU2002, RU2004			
Learning and teaching methods and delivery:	Weekly contact: 3 classes plus 1 oral hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Practical Test = 10%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr O L G Smith			

RU2002 Intermediate Russian Language 2				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	10.00 am plus 1 oral hour to be arranged.			
The module continues the work provided in RU2001 and provides a comprehensive and thorough grounding in the Russian language, enough to be able to read all normal Russian texts with the aid of a dictionary and to be able to speak the language at an intermediate level. The finer points of grammar and syntax are taught, and these, together with new vocabulary, are reinforced and tested through regular translation exercises from and into Russian and short written tests. Spoken Russian is improved through small-group oral tuition classes with a native language instructor.				
Programme module type:	Optional for Three-Subject Degrees involving Russian, Economics with Russian, Mathematics with Russian			
Pre-requisite(s):	RU1002			
Anti-requisite(s):	RU2001, RU2005, RU2110			
Learning and teaching methods and delivery:	Weekly contact: 3 classes plus 1 oral hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Practical Test = 10%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr O L G Smith			

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RU2003 Intermediate Russian Language and Literature 1				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	10.00 am and 1 hour to be arranged.			
<p>The module builds on the language teaching of the first year, and widens the range of literary texts studied so that the student is prepared for Honours Russian courses, for which it is a prerequisite. The most important elements of Russian grammar given in the First level modules are reinforced, and further points of grammar are taught. There are regular exercises of translation from and into Russian. Spoken Russian is improved through small-group tuition classes with a native language instructor. Three literary texts in Russian are studied, and two literature essays in English are required.</p>				
Programme module type:	Either (RU2003 and RU2004) or (RU2005 and RU2006) are compulsory for Single and Joint Honours Russian, Russian with Geography, Economics with Russian, Mathematics with Russian. Optional for Three-Subject Degrees involving Russian.			
Required for:	RU2002, RU2004, RU2109			
Learning and teaching methods and delivery:	Weekly contact: 5 classes plus 1 oral hour.			
	Scheduled learning: 77 hours		Guided independent study: 223 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Practical Test = 10%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr O L G Smith			

RU2004 Intermediate Russian Language and Literature 2				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	10.00 am and 1 hour to be arranged.			
<p>The module continues the kind of work provided in RU2003 and is a prerequisite for students wishing to do Honours Russian. The finer points of grammar and syntax are taught, and these, together with new vocabulary, are reinforced and tested through regular translation exercises from and into Russian and short written tests. Spoken Russian is improved through small-group oral tuition classes with a native language instructor. Literary texts in Russian are studied, and two literature essays in English are required.</p>				
Programme module type:	Either (RU2003 and RU2004) or (RU2005 and RU2006) are compulsory for Single and Joint Honours Russian, Russian with Geography, Economics with Russian, Mathematics with Russian. Optional for Three-Subject Degrees involving Russian			
Pre-requisite(s):	RU2001 or RU2003			
Anti-requisite(s):	RU2002, RU2006, RU2109			
Learning and teaching methods and delivery:	Weekly contact: 5 classes plus 1 oral hour.			
	Scheduled learning: 77 hours		Guided independent study: 223 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Practical Test = 10%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr O L G Smith			

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RU2005 Advanced Intermediate Russian Language and Literature 1			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 1
Planned timetable:	10.00 am and 1 hour to be arranged.		
<p>The module builds on the language skills developed by more advanced students in the first year and widens the range of literary texts studied so that the student is prepared for Honours Russian courses, for which it is a prerequisite. Finer points of grammar and syntax are taught as are Russian vocabulary and word formation. Spoken Russian is improved through small group tuition with a native Russian language instructor. There are regular exercises of translation into and from Russian, as well as grammar and vocabulary quizzes. Three literary texts in Russian are studied, and two literature essays in English are required.</p>			
Programme module type:	Either (RU2005 and RU2006) or (RU2003 and RU2004) are compulsory for Single and Joint Honours Russian, Russian with Geography, Economics with Russian, Mathematics with Russian. Optional for Three-Subject Degrees involving Russian.		
Pre-requisite(s):	RU1006	Anti-requisite(s):	RU2105, RU2108
Required for:	RU2006, RU2107		
Learning and teaching methods and delivery:	Weekly contact: 5 classes plus 1 oral hour.		
	Scheduled learning: 77 hours	Guided independent study: 223 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 10%, Coursework = 30%		
	As used by St Andrews: Coursework = 30%, Practical Test = 10%, 2-hour Written Examination = 60%		
Module Co-ordinator:	Dr O L G Smith		

RU2006 Advanced Intermediate Russian Language and Literature 2			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 2
Planned timetable:	10.00 am and 1 hour to be arranged.		
<p>The module builds on the language skills developed by more advanced students in RU2005 and is a prerequisite for students wishing to do Honours Russian. Further points of grammar and syntax are taught. Spoken Russian continues to be improved through small group tuition with a native Russian language instructor. There are regular exercises of translation into and from Russian, as well as grammar text analysis. Literary texts in Russian are studied, and two literature essays in English are required.</p>			
Programme module type:	Either (RU2005 and RU2006) or (RU2003 and RU2004) are compulsory for Single and Joint Honours Russian, Russian with Geography, Economics with Russian, Mathematics with Russian. Optional for Three-Subject Degrees involving Russian.		
Pre-requisite(s):	RU2005	Anti-requisite(s):	RU2106, RU2107
Learning and teaching methods and delivery:	Weekly contact: 5 classes plus 1 oral hour.		
	Scheduled learning: 77 hours	Guided independent study: 223 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 10%, Coursework = 30%		
	As used by St Andrews: Coursework = 30%, Practical Test = 10%, 2-hour Written Examination = 60%		
Module Co-ordinator:	Dr O L G Smith		

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RU2100 Intermediate Russian (Summer Course)				
SCOTCAT Credits:	40	SCQF Level 8	Semester:	summer
Planned timetable:	20 hours per week for 6 weeks.			
<p>This module is an intensive six-week Russian language and culture course in Russia which brings the student's proficiency in Russian up to a level equivalent to that reached by students passing RU2002 or RU2004 at the appropriate level (Grade 11). Twenty hours of classes per week in conversation, grammar, vocabulary, translation, and Russian cultural background. Students live with families where little if any English is spoken, thus enhancing their immersion in the Russian language. It is available only to students who are unable to take Level 2 Russian modules as part of their sub-Honours course in Semesters 1 and 2 of their second year of study.</p>				
Pre-requisite(s):	RU1002, RU1006 at Grade 14 or higher			
Learning and teaching methods and delivery:	This is a Study Abroad or Work Placement module.			
	Weekly contact: Lectures and practical classes.			
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr O L G Smith			

RU2105 Advanced Intermediate Russian Language I				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	10.00 am			
<p>The module builds on the language skills developed by more advanced students in the first year, so that the student is prepared for Honours Russian courses. Finer points of grammar and syntax are taught, as are Russian vocabulary and word-formation. Spoken Russian is improved through small-group tuition with a native Russian language instructor. There are regular exercises of translation from and into Russian, as well as grammar and vocabulary quizzes.</p>				
Programme module type:	Optional for Three-Subject Degrees involving Russian			
Pre-requisite(s):	RU1006	Anti-requisite(s):	RU2005, RU2108	
Required for:	RU2106			
Learning and teaching methods and delivery:	Weekly contact: 3 classes plus 1 oral hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Practical Test = 10%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr O L G Smith			

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RU2106 Advanced Intermediate Russian Language 2				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	10.00 am			
The module builds on the language skills developed in RU2105, so that the student is prepared for Honours Russian courses, for which it is a prerequisite. The study of grammar and syntax, vocabulary and word-formation, is continued. Spoken Russian is improved through small-group tuition with a native Russian language instructor. There are regular exercises of translation from and into Russian, as well as grammar and vocabulary quizzes.				
Programme module type:	Optional for Three-Subject Degrees involving Russian			
Pre-requisite(s):	RU2105	Anti-requisite(s):	RU2006, RU2107	
Learning and teaching methods and delivery:	Weekly contact: 3 classes plus 1 oral hour.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations= 60%, Practical Examinations= 10%, Coursework = 30%			
	As used by St Andrews: Coursework = 30%, Practical Test = 10%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr O L G Smith			

RU2107 Supplementary Advanced Intermediate Russian Language 1				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	2
Planned timetable:	10.00 am			
The module builds on the language skills developed in RU2005, so that the student is prepared for Honours Russian courses, for which it is a prerequisite. The study of grammar and syntax, vocabulary and word-formation, is continued. Spoken Russian is improved through small-group tuition with a native Russian language instructor. There are regular exercises of translation from and into Russian, as well as grammar and vocabulary.				
Programme module type:	Optional for Three-Subject Degrees involving Russian			
Pre-requisite(s):	RU2005	Anti-requisite(s):	RU2006, RU2106	
Learning and teaching methods and delivery:	Weekly contact: 2 classes plus 1 oral hour.			
	Scheduled learning: 44 hours		Guided independent study: 56 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr O L G Smith			

RU2108 Supplementary Advanced Intermediate Russian Language 2				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	1
Planned timetable:	10.00 am			
The module builds on the language skills developed by more advanced students in the first year and leads into RU2006. The study of grammar and syntax, vocabulary and word-formation, are continued. Spoken Russian is improved through small-group tuition with a native Russian language instructor. There are regular exercises of translation from and into Russian, as well as grammar and vocabulary.				
Programme module type:	Optional for Three-Subject Degrees involving Russian			
Pre-requisite(s):	RU1006	Anti-requisite(s):	RU2005, RU2105	
Learning and teaching methods and delivery:	Weekly contact: 2 classes plus 1 oral hour.			
	Scheduled learning: 44 hours		Guided independent study: 56 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr O L G Smith			

RU2109 Supplementary Intermediate Russian Language 1				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	2
Planned timetable:	10.00 am			
The module continues the kind of work provided in RU2003 . The finer points of grammar and syntax are taught, and these, together with new vocabulary, are reinforced and tested through regular translation exercises from and into Russian and short written tests. Spoken Russian is improved through small-group tuition with a native Russian language instructor.				
Programme module type:	Optional for Three-Subject Degrees involving Russian			
Pre-requisite(s):	RU2003	Anti-requisite(s):	RU2002, RU2004	
Learning and teaching methods and delivery:	Weekly contact: 2 classes plus 1 oral hour.			
	Scheduled learning: 44 hours		Guided independent study: 56 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr O L G Smith			

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RU2110 Supplementary Intermediate Russian Language 2			
SCOTCAT Credits:	10	SCQF Level 8	Semester: 1
Planned timetable:	10.00 am		
The module builds on the language teaching of the first year and leads into RU2004. The most important elements of Russian grammar given in the First Level modules are reinforced, and further points of grammar are taught. There are regular exercises of translation from Russian into English, and short written quizzes. Spoken Russian is improved through small-group tuition with a native Russian language instructor.			
Programme module type:	Optional for Three-Subject Degrees involving Russian		
Pre-requisite(s):	RU1002	Anti-requisite(s):	RU2001, RU2003
Learning and teaching methods and delivery:	Weekly contact: 2 classes plus 1 oral hour.		
	Scheduled learning: 44 hours		Guided independent study: 56 hours
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%		
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%		
Module Co-ordinator:	Dr O L G Smith		

Spanish (SP) Modules

SP1001 Spanish Language and Texts 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Academic year:	2012/3			
Availability restrictions:	Only available to First Year students.			
Planned timetable:	12.00 noon			
The language part of the module promotes the four skills of reading, writing, listening and speaking. There is formal grammar instruction and a programme of participative classroom activities, grammar instruction and CALL work. The texts component is designed to provide language in context and to widen the students experience of Spanish and Spanish American life and culture through selected writing and film. The reading list is available on line as from the preceding month of May.				
Programme module type:	Either (SP1001 and SP1002) or (SP1003 and SP1004) are compulsory for Spanish			
Pre-requisite(s):	Higher/A-Level Spanish or equivalent.			
Anti-requisite(s):	SP1003	Required for:	SP1002	
Learning and teaching methods and delivery:	Weekly contact: 1 lecture, 1 seminar, 2 language classes and 1 surgery hour.			
	Scheduled learning: 48 hours		Guided independent study: 152 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 15%, Practical Examinations = 0%, Coursework = 85%			
	As used by St Andrews: Coursework = 85%, Written Examination = 15%			
Module Co-ordinator:	Dr H A M Partzsch			

SP1002 Spanish Language and Texts 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	12.00 noon			
This module advances the 4 skills developed in SP1001. A language course book introduces a higher level of linguistic difficulty through a series of exercises, participative classwork, grammar instruction and CALL work. The literary texts represent twenty-first-century and earlier Spanish, and Spanish American writing, chosen for linguistic enrichment and cultural significance. The reading list is available on line as from the preceding month of May. The module aims at a level of attainment sufficient to enable the student to enter confidently the 2000-level modules.				
Programme module type:	Either (SP1001 and SP1002) or (SP1003 and SP1004) are compulsory for Spanish			
Pre-requisite(s):	SP1001	Required for:	SP2001, SP2003	
Learning and teaching methods and delivery:	Weekly contact: 1 lecture, 1 seminar, 2 language classes and 1 surgery hour.			
	Scheduled learning: 48 hours		Guided independent study: 152 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr H A M Partzsch			

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SP1003 Spanish for Beginners 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	2.00 pm or, if timetable clash, 3.00 pm.			
The objective is to initiate Spanish language acquisition with a firm grounding in the syntax, morphology and vocabulary of the language. The skills developed are accuracy and fluency in reading, writing, listening and speaking. In classes, students are taught and practise new structures. In the computer classroom these skills are further enhanced through the individual use of a self-access multimedia CALL program and video materials.				
Programme module type:	Either (SP1003 and SP1004) or (SP1001 and SP1002) are compulsory for Spanish			
Anti-requisite(s):	Speaker of Spanish, a pass at Higher, A-Level or equivalent			
Required for:	SP1004			
Learning and teaching methods and delivery:	Weekly contact: 3 language classes, as well as audio-visual sessions, and self-access CALL work.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: Coursework = 85%, Written Examination (Class Test) = 15%			
Module Co-ordinator:	Mr B P E Bentley			

SP1004 Spanish for Beginners 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	2.00 pm or, if timetable clash, 3.00 pm.			
There are three classes of language instruction per week to continue language initiation and a self-access CALL program and video materials to consolidate language acquisition and instil accuracy of expression. There are also nine class hours and six seminars devoted to Hispanic film and literature, chosen for their linguistic and cultural interest. Parallel texts and English sub-titled films are used initially, and the student is helped with annotated texts and computer glossary. Vocabulary and familiarisation with aspects of the Hispanic world are enhanced. A sound basis in the grammar of Spanish in this module facilitates entry into 2000 level modules in Spanish. Please note that this module is not designed for native or heritage speakers of Spanish.				
Programme module type:	Either (SP1003 and SP1004) or (SP1001 and SP1002) are compulsory for Spanish			
Pre-requisite(s):	SP1003	Required for:	SP2003, SP2005	
Learning and teaching methods and delivery:	Weekly contact: 3 language classes, 1 lecture, 1 seminar and 1 surgery hour.			
	Scheduled learning: 58 hours		Guided independent study: 142 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Mr B P E Bentley			

SP1030 Introduction to Modern Latin America				
SCOTCAT Credits:	10	SCQF Level 7	Semester:	2
Planned timetable:	1.00 pm Mon and Fri.			
<p>This module offers an introduction to modern Latin American history. Starting with the Wars of Independence (1804-1825), it traces the political history of Spanish America, Brazil and Haiti up to the present. Adopting a thematic approach, within a continental-based narrative, this module focuses on the early national period, the neocolonial period, the age of extremes and the age of neoliberalism. Recent trends towards democratisation within a context of globalisation will also be addressed. Whilst the module will stress the common themes between countries as far apart as Mexico and Argentina, it will nonetheless highlight specific national contexts. Key events such as the Mexican-American war, the Mexican Revolution, the Chaco War, the Cuban Revolution and Pinochet's coup of 1973 will all be studied.</p>				
Programme module type:	Available to students on any degree programme.			
Pre-requisite(s):	Knowledge of the Spanish language is NOT required.			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and 1 surgery hour.			
	Scheduled learning: 32 hours		Guided independent study: 68 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Prof W M Fowler			

SP2001 Spanish Language and Critical Approaches to Texts 1				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	11.00 am			
<p>In language the four skills of reading, listening, speaking, writing are developed through prepared work, class activities and language practicals. Language material will reflect cultural aspects of the Spanish speaking world. The module maintains progress from SP1002; there is a learning gradient. In texts, major critical approaches are studied with reference to the four genres of poetry, prose, drama and film and applied to the critical analysis of specific examples of each from the sixteenth century to the twenty-first, drawn from Spain and Spanish America. The reading list is available on line as from the preceding month of May.</p>				
Programme module type:	SP2001 or SP2005 is compulsory for Single and Joint Honours Spanish. Optional for Spanish and Classics, all Three-Subject degrees involving Spanish, all 'with Spanish' degrees.			
Pre-requisite(s):	SP1002	Anti-requisite(s):	SP2003, SP2005	
Required for:	SP2002, SP2004			
Learning and teaching methods and delivery:	Weekly contact: 1 lecture, 1 seminar, 3 language classes and 1 surgery hour.			
	Scheduled learning: 54 hours		Guided independent study: 246 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 15%, Practical Examinations = 0%, Coursework = 85%			
	As used by St Andrews: Coursework = 85%, Written Examination = 15%			
Module Co-ordinator:	Dr K Anipa			

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SP2002 Spanish Language and Critical Approaches to Texts 2				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	11.00 am			
<p>The language part of the module consists of two hours each week and one language practical based on audiovisual material available from the MMC (Multimedia Centre), developing the skills of reading, listening, speaking and writing. Language material will reflect cultural aspects of the Spanish-speaking world. The module maintains progress from SP2001 and SP2005; there is a learning gradient. Literary texts are studied in the context of regions and epochs including Middle Ages and Renaissance in Spain and modern Spanish America. The reading list is available online as from the preceding month of May.</p>				
Programme module type:	Compulsory for Single and Joint Honours Spanish. Optional for Spanish and Classics, all Three-Subject degrees involving Spanish, all 'with Spanish' degrees.			
Pre-requisite(s):	SP2001, SP2003 or SP2005	Anti-requisite(s):	SP2004	
Learning and teaching methods and delivery:	Weekly contact: 1 lecture, 1 seminar, 3 language classes and 1 surgery hour.			
	Scheduled learning: 54 hours		Guided independent study: 246 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr K Anipa			

SP2003 Spanish Language Advanced 1				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	1
Planned timetable:	11.00 am			
<p>The module is designed for students for whom a language-only course is appropriate and for Honours students in other subjects who wish to develop facility in Spanish in order to advance their Honours studies. The student will develop listening, speaking, reading and writing skills. A booklet, Revise & Consolidate, is provided for the module. It consists of twelve units, each combining a topic of grammar, a communicative activity in class and varied work, including comprehension and precis.</p>				
Programme module type:	Optional for Spanish and Classics, all Three-Subject degrees involving Spanish, all 'with Spanish' degrees			
Pre-requisite(s):	SP1002 or SP1004	Anti-requisite(s):	SP2001, SP2005	
Required for:	SP2002, SP2004			
Learning and teaching methods and delivery:	Weekly contact: 2 classes and 1 surgery hour.			
	Scheduled learning: 32 hours		Guided independent study: 68 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 30%, Practical Examinations = 0%, Coursework = 70%			
	As used by St Andrews: Coursework = 70%, Written Examination (Class Test) = 30%			
Module Co-ordinator:	Dr K Anipa			

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SP2004 Spanish Language Advanced 2				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	2
Planned timetable:	11.00 am			
<p>This module is appropriate for students who wish to study language only and do not intend to study Spanish at Honours level. An exception to this rule is the case of students intending to study either Spanish and two other subjects or Spanish and Social Anthropology, for whom there will be special teaching arrangements. It is also appropriate for Honours students in other subjects who wish to develop further language skills for their Honours programme. The students will develop further the listening, speaking, reading and writing skills that featured in the first semester pre-requisite. The module involves a variety of oral and written tasks. Language material will reflect cultural aspects of the Spanish-speaking world.</p>				
Programme module type:	Optional for Spanish and Classics, all Three-Subject degrees involving Spanish, all 'with Spanish' degrees			
Pre-requisite(s):	SP2001, SP2003 or SP2005	Anti-requisite(s):	SP2002	
Learning and teaching methods and delivery:	Weekly contact: 2 classes and 1 surgery hour.			
	Scheduled learning: 32 hours		Guided independent study: 68 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, 2-hour Written Examination = 60%			
Module Co-ordinator:	Dr K Anipa			

SP2005 Spanish Language and Texts: ex-Beginners				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	11.00 am			
<p>The module is designed for ex-Beginners in Spanish who wish to move into mainstream studies of language and literature. The title of the language programme, Revise and Consolidate, explains its goal: revision and progressively deeper understanding of the language, intensive practice in oral, spoken and written skills. In Texts, study is planned so that thorough vocabulary acquisition, analysis of syntax and understanding of extended texts can be realistically achieved. This module not only opens the way to Spanish Honours for ex-Beginners but could be useful for students who wish to study other subjects in Spain at a later date. The reading list is available online as from the preceding month of May.</p>				
Programme module type:	SP2005 or SP2001 is compulsory for Single and Joint Honours Spanish. Optional for Spanish and Classics, all Three-Subject degrees involving Spanish, all 'with Spanish' degrees.			
Pre-requisite(s):	SP1004	Anti-requisite(s):	SP2001, SP2003	
Required for:	SP2002			
Learning and teaching methods and delivery:	Weekly contact: 1 lecture, 1 seminar and 3 language classes.			
	Scheduled learning: 54 hours		Guided independent study: 246 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 15%, Practical Examinations = 0%, Coursework = 85%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr K Anipa			

School of Philosophical, Anthropological & Film Studies

Including: Film Studies, Music, Philosophy and Social Anthropology

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours Programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Film Studies - Joint Honours M.A.

Film Studies and one of: Ancient History, Arabic ^W, Art History, Biblical Studies, Classical Studies, Comparative Literature, Economics, English, French ^W, Geography, German ^W, International Relations, Italian ^W, Modern History, Philosophy, Psychology ^B, Russian ^W, Scottish History, Social Anthropology, Spanish ^W or Theological Studies

^B For programmes with BPS recognition, see separate entry below.

^W Available also as 'With Integrated Year Abroad' degree

Film Studies element of Joint M.A. Honours:

First Year: 40 credits: FM1001 **and** FM1002.

Second Year: 40 credits: FM2001 **and** FM2002 - with passes at 11 or better in both.

Third Year: 30 credits: FM4106 **or** FM4107;

30 further credits in one of: FM4100 - FM4899.

Fourth Year: 60 further credits in two of: FM4000 - FM4899.

In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

With the permission of the Director of Teaching of Film Studies and the relevant Head of School, students may substitute 30 credits from a third subject for 30 4000-level Film Studies credits.

Film Studies - Joint Honours M.A.

Film Studies and Psychology (with BPS recognition)

Film Studies element of Film Studies and Psychology Joint Honours M.A. (with BPS recognition):

First Year: 40 credits: FM1001 **and** FM1002.

Second Year: 40 credits: FM2001 **and** FM2002 - with passes at 11 or better in both.

Third Year: 30 credits: FM4106 **or** FM4107;

Up to 30 further credits: FM4100 - FM4899.

Fourth Year: Further credits: FM4100 - FM4899, to a total of 90 credits from this range across Third and Fourth Years.

In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

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... 'with' Film Studies - Honours M.A.

Psychology with Film Studies (available only to students already enrolled in this programme)

Film Studies Minor element of M.A. Honours 'with' degree:

First Year: 40 credits: FM1001 **and** FM1002.

Second Year: 40 credits: FM2001 **and** FM2002 - with passes at 11 or better in both.

Third Year: 30 credits: FM4106 **or** FM4107;

Fourth Year: 30 further credits in one of: FM4000 - FM4899.

In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

Philosophy - Single Honours M.A.

First and Second Years:

20 credits: PY1006;

40 credits: PY2000 - PY2103 - with passes at grade 11 or better in both/all;

20 further credits: PY1001 - PY1199, PY2000 - PY2103.

Third and Fourth Years:

60 credits: PY3701 **and** PY3702;

180 credits: PY4000 - PY4689, (PY4698 **or** PY4699 - in Fourth Year only), CL4444, CL4452, ID4801, ID4859, (PY4701 **with** ID4002 - in Fourth Year only). Up to 30 of these credits may be substituted for credits from another subject area and/or level, provided that permission is obtained from the relevant Head of School.

Philosophy - Joint Honours M.A.

Philosophy and one of: Ancient History, Arabic^W, Art History, Biblical Studies, Classical Studies, Classics, Comparative Literature, Economics, English, Film Studies, French^W, Geography, German^W, Greek, International Relations, Italian^W, Latin, Management, Mathematics, Mediaeval History, Modern History, Psychology, Russian^W, Scottish History, Social Anthropology, Spanish^W, Statistics, Theological Studies^W
^W Available also as 'With Integrated Year Abroad' degrees.

Philosophy element of Joint M.A. Honours:

First and Second Years:

20 credits: PY1006;

40 credits: PY2000 - PY2103 - with passes at grade 11 or better in both/all;

20 further credits: PY1001 - PY1199, PY2000 - PY2103.

Third and Fourth Years:

30 credits: PY3701 **or** PY3702;

60 further credits: PY3701, PY3702, PY4000 - PY4689, (PY4698 **or** PY4699 - in Fourth Year only), CL4444, CL4452, ID4801, ID4859, (PY4701 **with** ID4002 - in Fourth Year only).

In total, 210 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Logic & Philosophy of Science - Joint Honours B.Sc.

Logic & Philosophy of Science and one of: Biology, Computer Science, Mathematics, Physics, Statistics.

Logic & Philosophy of Science element of Joint Honours B.Sc.:

First and Second Years:

20 credits: PY1006;

20 credits: PY2001 **and** PY2002 - with passes at 11 or better in both;

20 credits: PY1005 **or** PY1105 **or** PY1106 **or** PY2003 - PY2103.

Third and Fourth Years:

30 credits: PY3701;

60 credits: PY3702, PY4000 - PY4689, (PY4698 **or** PY4699 - in Fourth Year only), CL4444, CL4452, ID4801, ID4859, (PY4701 **with** ID4002 - in Fourth Year only).

In total, 210 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.

Social Anthropology - Single Honours M.A.

First Year:	40 credits: SA1001 and SA1002.
Second Year:	40 credits: SA2001 and SA2002 - with passes at grade 11 or better in both.
Third Year:	90 credits: SA3000 - SA3999; 30 further credits: SA3000 - SA4089, SA4100 - SA4899, except that with the permission of the Director of Teaching and the relevant Head of School, these credits may be taken from another subject. <i>(SA3506 must be taken if the student wishes to take SA4099 in Fourth Year.)</i>
Fourth Year:	30 credits: SA4098 - SA4099; 60 credits: SA4000 - SA4089, SA4100 - SA4899; 30 further credits: SA3000 - SA4899.

Social Anthropology - Joint Honours M.A.

Social Anthropology and one of: Ancient History, Arabic ^W, Art History, Classical Studies, Classics, Comparative Literature, Economics, English, Film Studies, French ^W, Geography, German ^W, Greek, International Relations, Italian ^W, Latin, Mediaeval History, Middle East Studies, Modern History ^T, Philosophy, Psychology, Russian ^W, Scottish History, Spanish ^{W,T}, Theological Studies.

^T Timetable clash exists therefore this combination is subject to arrangement with both departments.

^W Available also as 'With Integrated Year Abroad' degree

Social Anthropology element of M.A. Joint Honours

(except Psychology and Social Anthropology with BPS recognition):

First Year:	40 credits: SA1001 and SA1002.
Second Year:	40 credits: SA2001 and SA2002 - with passes at grade 11 or better in both.
Third Year:	30 credits: SA3000 - SA3999; 30 further credits: SA3000 - SA4089, SA4100 - SA4899. <i>(SA3506 must be taken if the student wishes to take SA4099 in Fourth Year.)</i>
Fourth Year:	60 credits: SA4000 - SA4899.
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Social Anthropology element of Psychology and Social Anthropology

- Joint Honours M.A. (with BPS recognition):

First Year:	40 credits: SA1001 and SA1002.
Second Year:	40 credits: SA2001 and SA2002 - with passes at grade 11 or better in both.
Third and Fourth Years:	90 credits: SA3000 - SA3999, SA4000 - SA4899. <i>(SA3056 must be taken in Third Year if the student wishes to take SA4099 in Fourth Year.)</i>
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Social Anthropology 'with'... - Honours M.A.	
Social Anthropology with either Geography or Linguistics*	
* This combination is not available for entrant students after 2009-10	
Social Anthropology Major element of M.A. Honours 'with' degree:	
First Year:	40 credits: SA1001 and SA1002.
Second Year:	40 credits: SA2001 and SA2002 - with passes at grade 11 or better in both.
Third Year:	60 credits: SA3000 - SA3999; 30 further credits: SA3000 - SA4089, SA4100 - SA4899. <i>(SA3506 must be taken if the student wishes to take SA4099 in Fourth Year.)</i>
Fourth Year:	30 credits: SA4098 - SA4099; 30 credits: SA4000 - SA4089, SA4100 - SA4899; 30 further credits: SA3000 - SA3999, SA4000 - SA4089, SA4100 - SA4899.
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	
... 'with' Social Anthropology - Honours M.A.	
Economics with Social Anthropology, Geography with Social Anthropology	
Social Anthropology Minor element of M.A. Honours 'with' degree:	
First Year:	40 credits: SA1001 and SA1002.
Second Year:	40 credits: SA2001 and SA2002 - with passes at grade 11 or better in both.
Third Year:	30 credits: SA3000 - SA3499;
Fourth Year:	30 credits: SA4000 - SA4089, SA4100 - SA4899.
In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.	

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Film Studies (FM) Modules

FM1001 Key Concepts in Film Studies				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	3.00 pm Mon and Thu, 7.00 - 10.00 pm Tue (screening)			
<p>In this introductory module, we examine key concepts and approaches that are relevant to the study of film. The module aims primarily at the development of skills in film analysis by looking at aspects of film form such as mise-en-scene, editing, cinematography and sound. Film Studies concepts such as genre, auteur, narrative, stardom, acting and the film industry will also be considered. This module introduces students to notions of popular and art cinemas as well as documentary through a range of important cinematic texts.</p>				
Programme module type:	Compulsory for Film Studies			
Required for:	FM1002, FM2001			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and a screening weekly, plus a seminar most weeks.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework: Essay = 40%, Quiz = 10%, 2-hour Examination = 50%			
Module Co-ordinator:	Dr L Torchin			

FM1002 Film History and Historiography				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	3.00 pm Mon and Thu, 7.00 - 10.00 pm Tue (screening)			
<p>This module introduces key movements and moments in film history such as early cinema; German Expressionism; Soviet montage; Surrealism; Classical Hollywood; Italian Neorealism; or classical Japanese cinema. Consideration will be given to the development of international film industries and movements. We will also examine the process of writing and researching film history and the status of film as an historical artefact. We will look at the kinds of cultural, social and/or political knowledges that can we extract from films of the past, and the ways in which the choices we make in the construction of film histories affect the way in which the cinematic past is understood.</p>				
Programme module type:	Compulsory for Film Studies			
Pre-requisite(s):	FM1001			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and a screening weekly, plus a seminar most weeks.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework: Essay = 40%, Quiz = 10%, 2-hour Examination = 50%			
Module Co-ordinator:	Dr T Rice			

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FM2001 Modern World Cinemas				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	3.00 pm Tue and Fri, Wed evening (screening)			
<p>This module continues the exploration of issues of film history and historiography which began in FM1002. It introduces students to the most important cinematic developments of the second part of the twentieth century (such as, among others, Nouvelle Vague, New German cinema, Brazilian Cinema Novo, New Hollywood, American Indies, Chinese and African cinemas, New Iranian cinema) and provides exposure to the work of some of the most important filmmakers of the world. The exploration of film history is put in the context of the forces that shape its transnational networks of production and distribution. The module aims to provide proper understanding of the complex topo-temporal dynamics of world cinemas in a global context.</p>				
Programme module type:	Compulsory for Film Studies			
Pre-requisite(s):	FM2002			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and a screening weekly, plus a seminar most weeks.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework: Essay = 50%, 2-hour Examination = 50%			
Module Co-ordinator:	Dr E Girelli			

FM2002 Film Culture, Theory, Entertainment				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	3.00 pm Tue and Fri, Wed evening (screening)			
<p>This module introduces a range of approaches to cinema, their relationship to culture and the politics of entertainment. The changing historical attitudes towards cinema are examined against the background of influential popular cinematic texts. The first group of lectures examines the early answers to the question "what is cinema?" and investigates those attempts at theorising cinema that preceded the emergence of film studies as a canonised subject. In the second part of the module, the focus is on the consolidation of the field in the 1970s, revealing how newly emerged cultural concerns and issues of class, race, gender, and nationality influenced the new interpretation of cinema. The module concludes by examining how 'Screen theory' both rejuvenated the field and necessitated its future rethinking.</p>				
Programme module type:	Compulsory for Film Studies			
Pre-requisite(s):	FM2001			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and a screening weekly, plus a seminar most weeks.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework: Essay = 50%, 2-hour Examination = 50%			

Music (MU) Modules

MU1003 Understanding Music			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Planned timetable:	3.00 pm Lectures and seminar: Tue, Thu and Fri.		
<p>This module aims to develop skills and knowledge that will help students to get more out of the experience of listening to music. Focusing particularly but not exclusively on classical music, the module includes components on musical history, acoustics and aesthetics and examines set works in particular detail. Students are not required to perform as part of this module, but some prior knowledge of musical notation will be an advantage.</p>			
Programme module type:	Available to any degree programme.		
Pre-requisite(s):	Students should hold one of the following qualifications or a suitable equivalent: Higher Music, A level Music, AB Grade 5 Theory, Grade 6 or above in practical performance on any instrument or voice.		
Anti-requisite(s):	MU1013		
Learning and teaching methods and delivery:	Weekly contact: 2 lectures, 1 seminar and 1 tutorial.		
	Scheduled learning: 44 hours	Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%		
	As used by St Andrews: Coursework = 50%, Written Examination = 50%		
Module Co-ordinator:	Dr S J Sneddon		
Lecturer(s)/Tutor(s):	Team taught		

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MU1004 Making Music				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	3.00 pm Tutorials: Tue, Thu and Fri.			
	This module is designed for students who have already studied an instrument or singing and would like to continue making music at high level while at university. It supports students in improving their performance abilities while developing an understanding of the historical, analytical and aesthetic ideas related to musical performance. The module also offers the chance to study composition and to perform as part of an ensemble. Students are required to present a short recital for examination and to complete related written work.			
Programme module type:	Available to any degree programme.			
Pre-requisite(s):	Grade 8 performance certificate or an audition with the module co-ordinator			
Required for:	MU2001			
Learning and teaching methods and delivery:	Weekly contact: 3 tutorials.			
	Scheduled learning: 33 hours		Guided independent study: 167 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 67%, Practical Examinations = 0%, Coursework = 33%			
	As used by St Andrews: Coursework = 33%, Practical Examination = 67%			
Module Co-ordinator:	Dr S J Sneddon			
Lecturer(s)/Tutor(s):	Team taught			

MU1005 Reading Opera: Texts, Libretti and Music from Purcell to Stravinsky				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	10.00 am - Lectures Mon and Thu, Viewing Sessions Tue and Wed.			
	This module examines operas based on literary works from a variety of different nations (France, England, Russia, Germany, USA, Ancient Rome) that are significant in their own right. Our work will focus on the transformations of meaning and structure that take place as text is turned into libretto, and as libretto is set to music. The module will shed light on the relationship between music and text, and on the function that music plays in drama. Composers to be examined may include some or all of the following: Purcell, Bizet, Tchaikovsky, Massenet, Verdi, Puccini, Debussy, Berg and Stravinsky. No prior knowledge of musical notation is necessary to take this module. It is intended to be of particular interest to students of English literature and European modern languages, but is open to all with an interest in the link between music and drama.			
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures, 2 screenings and 1 tutorial.			
	Scheduled learning: 33 hours		Guided independent study: 167 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr M J Downes			
Lecturer(s)/Tutor(s):	Team taught			

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MU1013 Understanding Music for Beginners				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	3.00 pm Lectures and seminar: Tue, Thu and Fri.			
This module is aimed specifically at students who have had no previous formal musical education but are interested in exploring the subject at university level. It aims to develop skills and knowledge that will help students to get more out of the experience of listening to music. Focusing particularly but not exclusively on classical music, the module includes components on music history, acoustics and aesthetics.				
Programme module type:	Available for any degree programme			
Anti-requisite(s):	MU1003, Higher Music, A level Music, AB Grade 5 Theory, Grade 6 or above in practical performance on any instrument or voice			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures, 1 seminar and 1 tutorial.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr Jane Pettegree			
Lecturer(s)/Tutor(s):	Team taught			

MU2001 Advanced Performance				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	Whole Year
Planned timetable:	10.00 am Tue.			
This module caters for students aiming to develop their performing skills to diploma level. Alongside the primary focus of performance, students will have the opportunity to consider relevant music in its historical context. Teaching will include subsidised instrumental/vocal lessons at the University Music Centre (covering thirty minutes' tuition every two weeks) as well as masterclasses with professional musicians.				
Programme module type:	Available to any degree programme.			
Pre-requisite(s):	A mark of 16 or higher in MU1004 Making Music. In exceptional circumstances, entry could be by audition.			
Learning and teaching methods and delivery:	Weekly contact: Instrumental lessons, fortnightly tutorials and masterclasses.			
	Scheduled learning: 27 hours		Guided independent study: 173 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 80%, Coursework = 20%			
	As used by St Andrews: Coursework = 20%, Practical Examination (30-minute performance, viva voce and sight-reading) = 80%			
Module Co-ordinator:	Mr T A Wilkinson			
Lecturer(s)/Tutor(s):	Team taught			

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MU2002 Scottish Music				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	9.00 am Tue, Wed and Thu.			
The module explores a wide range of music in Scotland, examining Highland and Lowland folk music and more recent pop music as well as classical music composed from the mediaeval era onwards. In doing so, it aims to build up an understanding of the relationship between Scottish music and the society in which it is produced. No prior knowledge of musical notation is necessary: this module will interest all those interested in the rich and varied musical culture of the country in which they are living.				
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures per week and fortnightly tutorials.			
	Scheduled learning: 38 hours		Guided independent study: 162 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Dr J A Kemp			
Lecturer(s)/Tutor(s):	Team taught			

MU2003 Bagpipes: History, Repertoire and Performance				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1 & 2 (taught twice)
Planned timetable:	To be arranged.			
Weekly piping lessons are offered in St Andrews with pipers affiliated to and allocated by the National Piping Centre. There will be two study days and a three day residential school in Glasgow. These will involve group tuition which focuses on widening repertoire and lectures which explore the socio-cultural history of piping in Scotland. This module is open to both beginners and experienced pipers, as the lessons are tailored to the ability of the student.				
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 2 study days at the National Piping Centre and 1 x 3-day residential school.			
	Scheduled learning: 39 hours		Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 20%, Coursework = 80%			
	As used by St Andrews: Coursework = 80% Practical Examination = 20%			
Module Co-ordinator:	Dr S J Sneddon (sem 1), Dr J Kemp (sem 2)			

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MU2004 Electronic Music				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	2.00 pm Mon, Thu and Fri.			
<p>This is a practical module offering students the opportunity to work in small groups in the Music Centre's studio to create music from electronic sources. Accompanying lectures and seminars examine the history of electronic music, amplified music and computer music and look at works by significant composers and innovators who have worked in these genres, from Stockhausen to Jimi Hendrix. The module also offers tuition in music software packages such as Sibelius, Logic and Ableton Live. No prior experience in electronic music is necessary in order to take the module, but some knowledge of music notation or music theory would be advantageous.</p>				
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 1 lecture, 1 seminar and 1 practical class per week. 1 fortnightly tutorial.			
	Scheduled learning: 39 hours		Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr J A Kemp			
Lecturer(s)/Tutor(s):	Team taught			

Philosophy (PY) Modules

PY1005 Mind and Reality				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	11.00 am Mon, Tue and Thu.			
<p>What am I, and what is reality? Am I part of the scientific, law-governed material world? If so, can I really act freely? How could a material thing be conscious? Am I the same person as I was 10 years ago? What, fundamentally, are material things and their properties? This module will enable students to understand and begin to answer such fundamental philosophical questions, and to gain valuable skills in reasoning and abstract thought.</p>				
Programme module type:	Optional for Philosophy, Logic and Philosophy of Science			
Anti-requisite(s):	PY1002, PY1004, PY2801, PY2902			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 43 hours		Guided independent study: 157 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Scheduled Written Examination = 50%			
Module Co-ordinator:	Dr D Ball			
Lecturer(s)/Tutor(s):	Team taught			

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PY1006 Reasoning and Knowledge				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	5.00 pm Mon, Tue and Thu			
<p>What should we believe? How should we think? This module provides an introduction to informal and formal modes of reasoning, and to philosophical ideas about the differences between good and bad arguments. We will discuss induction and deduction, justification and knowledge, and will study elementary features of propositional and predicate logic. The module is an essential foundation for further study in philosophy, and teaches skills that are central to many other academic disciplines.</p>				
Programme module type:	Compulsory for Philosophy, Logic and Philosophy of Science			
Anti-requisite(s):	PY1001, PY1003, PY1802, PY2902	Required for:	PY2001	
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 43 hours		Guided independent study: 157 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Scheduled Written Examination = 50%			
Module Co-ordinator:	Dr E Glick			
Lecturer(s)/Tutor(s):	Team taught			

PY1105 Ethical Controversies				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	5.00 pm Mon, Tue and Thu (occasional Fris may also be scheduled)			
<p>This module provides an accessible and comprehensive introduction to the philosophical significance of the most pressing moral problems of today, e.g. euthanasia, abortion, world poverty and the moral status of animals and the environment; as well as a guide to the rival theoretical approaches used to reflect upon these issues: consequentialism, Kantian ethics, virtue theories, contract-based ethics and moral scepticism. Students will be given the opportunity to study the three 'great books' that inspire and divide moral philosophers to the present day: Aristotle's Nicomachean Ethics, Immanuel Kant's Groundwork for the Metaphysics of Morals and J.S. Mill's Utilitarianism.</p>				
Programme module type:	Optional for Philosophy, Logic and Philosophy of Science			
Anti-requisite(s):	PY1101, PY1103, PY1801, PH1901			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 43 hours		Guided independent study: 157 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Scheduled Written Examination = 50%			
Module Co-ordinator:	Dr L Jones			
Lecturer(s)/Tutor(s):	Team taught			

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PY1106 Society, Authority and Freedom				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	11.00 am Mon, Tue and Thu (occasional Fris may also be scheduled)			
This module provides a critical and historical overview of the concepts central to the philosophical study of politics, as well as an introduction to the various theories that inform and influence political events. We will study the works of major political philosophers from the 17th to 20th centuries (including Thomas Hobbes, John Locke, Jean-Jacques Rousseau, John Stuart Mill and John Rawls), and examine concepts such as authority, democracy, liberty and equality and the role of religion in society. The module serves as a foundation for further study in Philosophy, but it is also a valuable component of a degree in the Social Sciences, e.g. International Relations.				
Programme module type:	Optional for Philosophy, Logic and Philosophy of Science			
Anti-requisite(s):	PY1104, PY2102			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 43 hours		Guided independent study: 157 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Scheduled Written Examination = 50%			
Module Co-ordinator:	Dr C Smith			
Lecturer(s)/Tutor(s):	Team taught			

PY2001 Formal and Philosophical Logic				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	1
Planned timetable:	2.00 pm Tue and Fri.			
This module aims to develop understanding of formal logic, by the study of certain systems of classical, modal, and other non-classical logics; and of many of the attendant philosophical issues, such as the notions of possible and impossible worlds, and of the right logical account of indicative and counterfactual conditionals.				
Programme module type:	Compulsory for Logic and Philosophy of Science. Optional for Philosophy, M.Theol.			
Pre-requisite(s):	PY1003 or PY1006		Required for:	PY4612, PY4634
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and 1 weekly examples class per week and 1 fortnightly tutorial.			
	Scheduled learning: 37 hours		Guided independent study: 63 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Scheduled Written Examination = 50%			
Module Co-ordinator:	Dr A Cotnoir			
Lecturer(s)/Tutor(s):	Team taught			

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PY2002 Metaphysics and Science				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	1
Planned timetable:	2.00 pm Mon and Thu.			
This module is an introduction to the philosophy of the sciences, and is designed to be accessible to students from both arts and science backgrounds. We will consider philosophical issues raised by the natural sciences, including such issues as the nature of space and time, determinism and indeterminism, and the importance of explanation and induction in the methods of science.				
Programme module type:	Compulsory for Logic and Philosophy of Science. Optional for Philosophy, M.Theol.			
Pre-requisite(s):	any 20 credits of 1000-level PY modules			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures per week plus 8 tutorials over the semester.			
	Scheduled learning: 30 hours		Guided independent study: 70 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Scheduled Written Examination = 50%			
Module Co-ordinator:	Dr P M Greenough			
Lecturer(s)/Tutor(s):	Team taught			

PY2003 Ancient Philosophy				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	3.00 pm Mon, Tue, Thu and some Fri.			
In the course of this module, we shall study the ancient Greek roots of Western philosophy. Most time will be spent on the foundational theories of Plato and Aristotle, but we shall also cover a selection from the following figures and movements: the 'Pre-Socratic' philosophers; the 'sophists'; Socrates; Epicurus; the Stoics. Topics discussed will include a wide range of philosophical issues.				
Programme module type:	Optional for Philosophy, Logic and Philosophy of Science, M.Theol.			
Pre-requisite(s):	any 20 credits of 1000-level or 2000-level PY modules	Anti-requisite(s):	PY2802, PY2901	
Learning and teaching methods and delivery:	Weekly contact: 3 or 4 lectures and a tutorial.			
	Scheduled learning: 45 hours		Guided independent study: 155 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Scheduled Written Examination = 50%			
Module Co-ordinator:	Prof S Broadie			
Lecturer(s)/Tutor(s):	Team taught			

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PY2004 Modern Philosophy from Descartes to Kant				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	2.00 pm Mon, Tue, Thu and some Fri.			
This period during the history of philosophy saw great changes and developments; key ideas and writings from this time form the backdrop for philosophical debate even to the present day. This module will introduce students to the central philosophers, texts and issues of the period, providing a firm historical background for further study in philosophy.				
Programme module type:	Optional for Philosophy, Logic and Philosophy of Science, M.Theol.			
Pre-requisite(s):	any 20 credits of 1000-level or 2000-level PY modules	Anti-requisite(s):	PY2802, PY2901	
Required for:	PY4607, PY4621			
Learning and teaching methods and delivery:	Weekly contact: 3 or 4 lectures and a tutorial.			
	Scheduled learning: 45 hours		Guided independent study: 155 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Scheduled Written Examination = 50%			
Module Co-ordinator:	Dr B M McElwee			
Lecturer(s)/Tutor(s):	Team taught			

PY2101 Aesthetics				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	2
Planned timetable:	3.00 pm Mon and Thu.			
This module provides an introduction to several of the main issues in aesthetics. It does so by critically examining the views of some of the major philosophers and literary figures who have written on aesthetics, and by discussing some of the main theories in aesthetics. Writers whose views may be discussed include Plato, Aristotle, Hume, Kant and Tolstoy. Theories covered may include intentionalism, formalism, constructivism, as well as feminist and postmodern approaches.				
Programme module type:	Optional for Philosophy, Logic and Philosophy of Science, M.Theol.			
Pre-requisite(s):	any 20 credits of 1000-level or 2000-level PY modules			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures per week plus 8 tutorials over the semester.			
	Scheduled learning: 30 hours		Guided independent study: 70 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Scheduled Written Examination = 50%			
Module Co-ordinator:	Dr D Cavedon-Taylor			
Lecturer(s)/Tutor(s):	Team taught			

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PY2103 Rationality and Action				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	2
Planned timetable:	3.00 pm Tue and 3.00 pm Fri.			
We appeal to reasons both in explaining why people behave as they do and in explaining why they ought to behave in some way. But what sort of thing is a reason? How does it relate to our desires and preferences? What does it mean to say that a particular action is rational? When should an action be considered free or voluntary? Why do we fail to act rationally, and act contrary to what we judge to be right? And what are the conditions that undermine responsibility for the way we act? This module provides a critical introduction to these and other questions about the nature of practical rationality.				
Programme module type:	Optional for Philosophy, Logic and Philosophy of Science, M.Theol.			
Pre-requisite(s):	any 20 credits of 1000-level or 2000-level PY modules			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures per week plus 8 tutorials over the semester.			
	Scheduled learning: 30 hours		Guided independent study: 70 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Scheduled Written Examination = 50%			
Module Co-ordinator:	Prof J J Haldane			
Lecturer(s)/Tutor(s):	Team taught			

Social Anthropology (SA) Modules

SA1001 Anthropology in the World				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	4.00 pm			
The module explores topical and controversial issues in the relation between environment and human social life, drawing on the full variety of human societies. It explores such themes as the environmental determinism of human customs, economic development, and 'uprooted peoples'.				
Programme module type:	Compulsory for Social Anthropology			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 film/workshop and 1 tutorial.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%			
	As used by St Andrews: Coursework = 60%, Written Examination = 40%			

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SA1002 Ways of Thinking				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	4.00 pm			
The module concentrates on the modes of thought and systems of belief of non-Western cultures and on the social significance of language in human communication both in our own culture and in more 'exotic' ones.				
Programme module type:	Compulsory for Social Anthropology			
Required for:	SA2001			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 film/workshop and 1 tutorial.			
	Scheduled learning: 54 hours		Guided independent study: 146 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 40%, Practical Examinations = 0%, Coursework = 60%			
	As used by St Andrews: Coursework = 60%, Written Examination = 40%			

SA2001 The Foundations of Human Social Life				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Academic year:	2012/3			
Availability restrictions:				
Planned timetable:	11.00 am			
This module examines the social relationships, groups and categories which constitute the foundations of human life in the full variety of societies. Topics covered include kinship and the family, and ethnic relations.				
Programme module type:	Compulsory for Social Anthropology			
Pre-requisite(s):	SA1002	Required for:	SA2002	
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 film/workshop and 1 tutorial.			
	Scheduled learning: 55 hours		Guided independent study: 145 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework = 40%, Written Examination = 60%			

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SA2002 Ethnographic Encounters			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 2
Planned timetable:	11.00 am		
<p>This module explores the emergence of fieldwork practice in social anthropology, and reflexively considers the social, methodological and theoretical relations produced through ethnography. The module follows a narrative of preparing, conducting and analyzing a fieldwork project by considering the development of fieldwork practices, new ethnographic subjects and urban anthropology before turning to students' own fieldwork projects and their interpretation.</p>			
Programme module type:	Compulsory for Social Anthropology		
Pre-requisite(s):	SA2001		
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 film/workshop and 1 tutorial.		
	Scheduled learning: 54 hours	Guided independent study: 146 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	As used by St Andrews: Coursework = 100%		

School of Physics & Astronomy

Important Degree Information: Students who are aiming for a degree in Physics or Astrophysics and who enter with good Advanced Highers or A-levels or equivalent in Physics and Mathematics may apply for an accelerated entry route to the programme, which can reduce the length of the B.Sc. Honours programme to three years and the M.Phys. programme to four years.

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

M.Phys. Honours

The general requirements are 600 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years form an approved Honours programme of 360 credits, of which 120 credits are at 5000 level and at least 210 credits are at 3000 and/or 4000 levels.

M.Sci. Honours

The general requirements are 600 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years form an approved Honours programme of 360 credits, of which 120 credits are at 5000 level and at least 210 credits are at 3000 and/or 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

**** IMPORTANT NOTE ****

Students entering Fourth Year or Fifth Year of any programme in 2012-13 should see the appropriate 2011-12 Course Catalogue entry for the requirements to complete their Honours programme.

Astrophysics - Single Honours B.Sc.

First Year:	80 credits: AS1001 and MT1002 and PH1011 and PH1012. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i>
Second Year:	120 credits: AS2001 and MT2001 and PH2011 and PH2012.
Third Year:	120 credits: AS3013 and AS4010 and PH3007 and PH3012 and PH3014 and PH3061 - PH3062 and PH3080 and PH3081, except that AS4010 may be delayed until Fourth Year and equivalent credits substituted with approval of the Adviser of Studies.
Fourth Year:	50 credits: AS4103 and PH4022 and PH4037; 30 credits: AS4010 - AS4012, AS4015, AS4025, PH4031 40 further credits: AS3000 - AS4999, PH3000 - PH4109, ID4001 or modules in other subjects or levels with the approval of the Adviser of Studies.
In total, at least 210 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.	

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Astrophysics - Single Honours B.Sc.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	20 credits: MT1002; 105 credits: AS2101 and MT2001 and PH2011 and PH2012 - with passes at grade 11 or better in all. <i>(Alternatively, AS1001 may be taken and AS2101 delayed until Third Year.)</i>
Third Year:	105 credits: AS3013 and PH3007 and PH3012 and PH3014 and PH3061 and PH3062 and PH3080 and PH3081; 15 credits: AS2101, or if already taken in Second Year, AS4010, except that AS4010 may be delayed until Fourth Year and equivalent credits substituted with approval of the Adviser of Studies.
Fourth Year:	50 credits: AS4103 and PH4022 and PH4037; 30 credits: AS4010 - AS4012, AS4015, AS4025, PH4031 40 further credits: AS3000 - AS4999, PH3000 - PH4109, ID4001 or modules in other subjects or levels with the approval of the Adviser of Studies.

In total at least 210 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

Astrophysics – Single Honours M.Phys.

First Year:	80 credits: AS1001 and MT1002 and PH1011 and PH1012. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i>
Second Year:	120 credits: AS2001 and MT2001 and PH2011 and PH2012 - with passes at grade 15 or better in all.
Third Year:	120 credits: AS3013 and AS4010 and PH3007 and PH3012 and PH3014 and PH3061 and PH3062 and PH3080 and PH3081, except that AS4010 may be delayed until Fourth Year and equivalent credits substituted with approval of the Adviser of Studies.
Fourth Year:	65 credits: AS4011 and AS4012 and PH4022 and PH4037 and PH4038; 30 credits in two of: AS4015, AS4025, PH4031; At least 25 further credits, which may include ID4001.
Fifth Year:	60 credits: AS5101; At least 30 credits: AS5001 - AS5003; Further credits: AS3000 - AS4099, PH3000 - PH4109, PH5000 - PH5099 or modules in other subjects with the approval of the Adviser of Studies, to a total of 360 across Third, Fourth and Fifth Years, of which at least 330 credits must be achieved at 3000, 4000 and 5000 level with at least 120 of these at 5000 level.

Astrophysics – Single Honours M.Phys.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	20 credits: MT1002; 105 credits: AS2101 and MT2001 and PH2011 and PH2012 - with passes at grade 15 or better in all. <i>(Alternatively, AS1001 may be taken and AS2101 delayed until Third Year.)</i>
Third Year:	105 credits: AS3013 and PH3007 and PH3012 and PH3014 and PH3061 and PH3062 and PH3080 and PH3081; 15 credits: AS2101, or if already taken in Second Year, AS4010, except that AS4010 may be delayed until Fourth Year and equivalent credits substituted with approval of the Adviser of Studies.
Fourth Year:	65 credits: AS4011 and AS4012 and PH4022 and PH4037 and PH4038; 30 credits in two of: AS4015, AS4025, PH4031; At least 25 further credits: AS3000 - AS4999, PH3000 - PH4999, ID4001.
Fifth Year:	60 credits: AS5101; At least 30 credits: AS5001 - AS5003; Further credits: AS3000 - AS4099, PH3000 - PH4109, PH5000 - PH5099 or modules in other subjects with the approval of the Adviser of Studies, to a total of 360 across Third, Fourth and Fifth Years, of which at least 330 credits must be achieved at 3000, 4000 and 5000 level with at least 120 of these at 5000 level.

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Physics - Single Honours B.Sc.

First Year:	60 credits: PH1011 and PH1012 and MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i>
Second Year:	90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 11 or better in both.
Third Year:	105 credits: PH3007 and PH3012 and PH3014 and PH3061 and PH3062 and PH3080 and PH3081 and PH3101; 15 credits: AS3000 - AS4999, PH3000 - PH4109, MT3501, or modules in other subjects or levels with the approval of the Adviser of Studies.
Fourth Year:	80 credits: PH4022 and PH4037 and PH4039 and PH4105 and PH4111; 40 further credits: AS3000 - AS4999, PH3000 - PH4109, ID4001 or modules in other subjects or levels with the approval of the Adviser of Studies.
In total, at least 210 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.	

Physics - Single Honours B.Sc.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	20 credits: MT1002; 90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 11 or better in both.
Third Year:	105 credits: PH3007 and PH3012 and PH3014 and PH3061 and PH3062 and PH3080 and PH3081 and PH3101; 15 credits: AS3000 - AS4999, PH3000 - PH4109, MT3501, or modules in other subjects or levels with the approval of the Adviser of Studies.
Fourth Year:	80 credits: PH4022 and PH4037 and PH4039 and PH4105 and PH4111; 40 further credits: AS3000 - AS4999, PH3000 - PH4109, ID4001 or modules in other subjects or levels with the approval of the Adviser of Studies.
In total, at least 210 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.	

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Physics - Joint Honours B.Sc.

Physics and one of: Computer Science, Logic & Philosophy of Science, Mathematics.

Physics element of Physics - Joint Honours B.Sc. (except those defined below):

First Year: 60 credits: PH1011 **and** PH1012 **and** MT1002.
(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)

Second Year: 90 credits: PH2011 **and** PH2012 **and** MT2001 - with passes at grade 11 or better in all.

Third Year: 60 credits: PH3012 **and** PH3061 **and** PH3062 **and** PH3080 **and** PH3081.

Fourth Year: 15 credits: PH3007;
15 credits: PH4040;
30 credits: PH4111 (unless one of CS4098, PY4698, PY4699 taken);
Further credits may be taken from AS3000 - AS4999, PH3000 - PH4109, ID4001 or modules in other subjects with the approval of the Adviser of Studies.

In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

Physics and Mathematics - Joint Honours B.Sc.:

First Year: 60 credits: PH1011 **and** PH1012 **and** MT1002.
(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)

Second Year: 90 credits: PH2011 **and** PH2012 **and** MT2001 - with passes at grade 11 or better in all;
30 credits: MT2002 **or** MT2003 - with a pass at grade 11 or better.

Third and Fourth Years (Maths):
30 credits in two of: MT3501, MT3503, MT3504;
15 credits: MT3600 **or** MT3601;
15 credits: MT4111 **or** MT 4112 (unless PH3080 taken);
15 credits: MT4599 (in Fourth Year only);
45 further credits: MT3000 - MT4999.

Third Year (Physics): **EITHER (if MT2003 taken in Second Year):**
50 credits: PH3007 **and** PH3012 **and** PH3061 **and** PH3062;
10 credits: PH3080 (unless MT4111 **or** MT4112 taken).
OR (if MT2003 not taken in Second Year):
50 credits: PH3012 **and** PH3061 **and** PH3062 **and** PH3081;
10 credits: PH3080 (unless MT4111 **or** MT4112 taken).

Fourth Year (Physics): **EITHER (if MT2003 taken in Second Year):**
25 credits: PH4022 **and** PH4039;
At least 30 further credits: AS3000-AS5999, PH3000 - PH4110, PH5000 - PH5099.
OR (if MT2003 not taken in Second Year):
40 credits: PH3007 **and** PH4022 **and** PH4039;
At least 15 further credits: AS3000 - AS5999, PH3000 - PH4110, PH5000 - PH5099.

In total, 240 credits must be achieved at 3000 and 4000 level with at least 90 of these at 4000 level.

Physics – Single Honours M.Phys.

First Year:	60 credits: PH1011 and PH1012 and MT1002. <i>(Students without prerequisite for MT1002 will take MT1001 in Semester 1.)</i>
Second Year:	90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 15 or better in all.
Third Year:	105 credits: PH3007 and PH3012 and PH3014 and PH3061 and PH3062 and PH3080 and PH3081 and PH3101; 15 credits: AS3000 - AS4999, PH3000 - PH4109, MT3501, or modules in other subjects or levels with the approval of the Adviser of Studies.
Fourth Year:	65 credits: PH4022 and PH4037 and PH4038 and PH4039 and PH4105; 15 credits: PH3074, unless taken in Third Year; Further credits: AS3000 – AS4999, PH3000 - PH4109, ID4001 or modules in other subjects or levels with the approval of the Adviser of Studies, to a total of 120 credits for the Year.
Fifth Year:	60 credits: PH5101; 60 credits: AS5000 - AS5999, PH5000 - PH5099.
In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level with at least 120 of these at 5000 level.	

Physics – Single Honours M.Phys.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	20 credits: MT1002; 90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 15 or better in all.
Third Year:	105 credits: PH3007 and PH3012 and PH3014 and PH3061 and PH3062 and PH3080 and PH3081 and PH3101; 15 credits: AS3000 - AS4999, PH3000 - PH4109, MT3501, or modules in other subjects or levels with the approval of the Adviser of Studies.
Fourth Year:	65 credits: PH4022 and PH4037 and PH4038 and PH4039 and PH4105; 15 credits: PH3074, unless taken in Third Year; Further credits: AS3000 – AS4999, PH3000 - PH4109, ID4001 or modules in other subjects or levels with the approval of the Adviser of Studies, to a total of 120 credits for the Year.
Fifth Year:	60 credits: PH5101; 60 credits: AS5000 - AS5999, PH5000 - PH5099.
In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level with at least 120 of these at 5000 level.	

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Physics and Chemistry - Joint Honours M.Sci.:

First Year:	100 credits: CH1401 and CH1402 and MT1002 and PH1011 and PH1012. <i>(Permission may be granted for suitably-qualified students to be exempted from PH1011 and/or PH1012 and to take some 2000-level PH credits in First Year.)</i>
Second Year:	150 credits: CH2501 and CH2701 and MT2001 and PH2011 and PH2012 - with passes at grade 15 or better in all.
Third or Fourth Year* (Chemistry):	120 credits: CH3431 and CH3441 and CH3512 and CH3514 and CH3615 and CH3712 and CH3717 and CH3721 and CH4712 and CH4713 and CH4714.
Third or Fourth Year* (Physics):	120 credits: PH3007 and PH3012 and PH3061 and PH3062 and PH3082 and PH3101 and PH4022 and PH4037 and PH4039.
Fifth Year:	EITHER 60 credits: PH5101; 15 further credits in one of: PH5000 - PH5999; 30 credits in three of: CH5518, CH5711 - CH5714, CH5717 - CH5718; 15 further credits: CH5000 - CH5999, PH5000 - PH5999. OR 40 credits from CH5441; 30 credits: PH5000 - PH5999; 30 credits: CH5518, CH5711 - CH5714, CH5717 - CH5718; 20 further credits: CH5000 - CH5999, PH5000 - PH5999.

* This will be decided between the two Schools and notified to students.

This programme is accredited by the Royal Society of Chemistry (RSC) for professional membership.

Theoretical Physics – Single Honours M.Phys.

First Year:	60 credits: PH1011 and PH1012 and MT1002.
Second Year:	90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 15 or better in all.
Third Year:	105 credits: PH3007 and PH3012 and PH3014 and PH3061 and PH3062 and PH3080 and PH3081 and PH4038; 15 credits: AS3000 - AS4999, PH3000 - PH4109, MT3501, or modules in other subjects or levels with the approval of the Adviser of Studies.
Fourth Year:	60 credits: PH4022 and PH4037 and PH4028 and PH4039 and PH4032; 15 credits: MT3501, unless taken in Third Year; Further credits: AS3000 – AS4999, PH3000 - PH4109, ID4001 or modules in other subjects or levels with the approval of the Adviser of Studies, to a total of 120 credits for the Year.
Fifth Year:	75 credits: PH5002 and PH5004 and PH5102; At least 15 credits: PH5003, PH5011, PH5012. Further credits: AS5000 - AS5999, PH5000 - PH5099, to a total of 120 credits for the Year.

In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level with at least 120 of these at 5000 level.

Theoretical Physics – Single Honours M.Phys.

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	20 credits: MT1002; 90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 15 or better in all.
Third Year:	105 credits: PH3007 and PH3012 and PH3014 and PH3061 and PH3062 and PH3080 and PH3081 and PH4038; 15 credits: AS3000 - AS4999, PH3000 - PH4109, MT3501, or modules in other subjects or levels with the approval of the Adviser of Studies.
Fourth Year:	60 credits: PH4022 and PH4037 and PH4028 and PH4039 and PH4032; 15 credits: MT3501, unless taken in Third Year; Further credits: AS3000 – AS4999, PH3000 - PH4109, ID4001 or modules in other subjects or levels with the approval of the Adviser of Studies, to a total of 120 credits for the Year.
Fifth Year:	75 credits: PH5002 and PH5004 and PH5102; At least 15 credits: PH5003, PH5011, PH5012. Further credits: AS5000 - AS5999, PH5000 - PH5099, to a total of 120 credits for the Year.
In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level with at least 120 of these at 5000 level.	

Theoretical Physics and Mathematics - Joint Honours M.Phys.:

First Year:	60 credits: PH1011 and PH1012 and MT1002.
Second Year:	90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 15 or better in all. 30 credits: MT2002 or MT2003 - with a pass at grade 15 or better.
Third Year:	EITHER (if MT2003 taken in Second Year): 50 credits: PH3007 and PH3012 and PH3061 - PH3062; 45 credits: MT3501 and MT3504 and MT3601; At least 10 credits: MT4111 or MT4112 or PH3080; 15 credits: MT4507 or PH4038. OR (if MT2003 not taken in Second Year): 50 credits: PH3012 and PH3061 - PH3062 and PH3081; 30 credits: MT3501 and MT3504; At least 10 credits: MT4111 or MT4112 or PH3080; 15 credits: MT4507 or PH4038. 15 further credits: MT3000 - MT4598 or MT4600 - MT4699.
Fourth Year:	EITHER (if MT2003 taken in Second Year): 40 credits: PH4022 and PH 4032 and PH4039; At least 20 further credits: AS3000 – AS4999, PH3000 - PH4109, ID4001; At least 60 further credits: MT3000 - MT4598, MT4600 - MT4699, MT5000 -MT5899. OR (if MT2003 not taken in Second Year): 70 credits: MT3601 and PH3007 and PH4022 and PH4032 and PH4039; At least 45 further credits: MT3000 - MT4598, MT4600 - MT4699, MT5000 - MT5899.
Fifth Year:	At least 40 credits: MT5999 or PH5102; 30 credits: PH5002 and PH5004; 15 credits: PH5003 or PH5011 or PH5012 (unless already taken in Fourth Year); At least 40 credits: MT5000 - MT5899 (unless already taken in Fourth Year); Further credits if necessary to a total of 180 across Third, Fourth and Fifth Years from 3000 - , 4000 - and 5000 - level MT modules (except that 30 further credits from MT2000 - MT2999 may be substituted).
In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level with at least 120 of these at 5000 level.	

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Theoretical Physics and Mathematics - Joint Honours M.Phys.:

Direct entry to second year for approved candidates with 120 advanced standing credits

Second Year:	20 credits: MT1002; 90 credits: PH2011 and PH2012 and MT2001 - with passes at grade 15 or better in all. 30 credits: MT2002 or MT2003 - with a pass at grade 15 or better.
Third Year:	EITHER (if MT2003 taken in Second Year): 50 credits: PH3007 and PH3012 and PH3061 - PH3062; 45 credits: MT3501 and MT3504 and MT3601; At least 10 credits: MT4111 or MT4112 or PH3080; 15 credits: MT4507 or PH4038. OR (if MT2003 not taken in Second Year): 50 credits: PH3012 and PH3061 - PH3062 and PH3081; 30 credits: MT3501 and MT3504; At least 10 credits: MT4111 or MT4112 or PH3080; 15 credits: MT4507 or PH4038. 15 further credits: MT3000 - MT4598 or MT4600 - MT4699.
Fourth Year:	EITHER (if MT2003 taken in Second Year): 40 credits: PH4022 and PH 4032 and PH4039; At least 20 further credits: AS3000 – AS4999, PH3000 - PH4109, ID4001; At least 60 further credits: MT3000 - MT4598, MT4600 - MT4699, MT5000 -MT5899. OR (if MT2003 not taken in Second Year): 70 credits: MT3601 and PH3007 and PH4022 and PH4032 and PH4039; At least 45 further credits: MT3000 - MT4598, MT4600 - MT4699, MT5000 - MT5899.
Fifth Year:	At least 40 credits: MT5999 or PH5102; 30 credits: PH5002 and PH5004; 15 credits: PH5003 or PH5011 or PH5012 (unless already taken in Fourth Year); At least 40 credits: MT5000 - MT5899 (unless already taken in Fourth Year); Further credits if necessary to a total of 180 across Third, Fourth and Fifth Years from 3000 - , 4000 - and 5000 - level MT modules (except that 30 further credits from MT2000 - MT2999 may be substituted).
In total, at least 330 credits must be achieved at 3000, 4000 and 5000 level with at least 120 of these at 5000 level.	

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Astronomy (AS) Modules

AS1001 Astronomy and Astrophysics 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	11.00 am lectures, one afternoon chosen from Mon, Wed and Fri with tutorial 2.00 pm - 3.00 and lab 3.00 pm - 5.30 pm			
This module surveys our present state of knowledge of the orbits, surfaces and atmospheres of the planets in our solar system; the structure and evolution of the Sun and other stars, including extra-solar planetary systems; the bizarre menagerie of star-forming regions, violent stellar objects and supermassive black holes found within our own Milky Way Galaxy and in other galaxies; and the large-scale structure and ultimate fate of the expanding Universe. Throughout the module, fundamental observations are interpreted using simple but powerful geometric methods to show how distances and other properties of astronomical objects throughout the Universe have been measured, from the time of Copernicus to the era of the Hubble Telescope and beyond.				
Programme module type:	Compulsory for Astrophysics			
Pre-requisite(s):	SQA Higher or A-Level Physics and Mathematics, at grade B or better			
Anti-requisite(s):	AS1002	Required for:	AS2001, AS2101	
Learning and teaching methods and delivery:	Weekly contact: 4 or 5 lectures, 1 tutorial and 1 laboratory.			
	Scheduled learning: 90 hours		Guided independent study: 110 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Laboratory work = 25%, Class Tests = 15%, 2-hour Written Examination = 60% Re-Assessment: Laboratory work = 25%, 2-hour Written Examination = 75%			
Module Co-ordinator:	Prof M M Jardine			
Lecturer(s)/Tutor(s):	Prof M M Jardine, Dr J Greaves, Prof I A Bonnell, Dr K Wood			

AS1002 The Physical Universe				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	11.00 am			
This module presents a descriptive, non-mathematical account of the physical universe. It is aimed at students from across the University. It is divided into two components: concepts in astronomy, dealing with our understandings of the properties and ages of planets, stars, galaxies, and their distributions in space, cosmology and the origin of the Universe; and concepts in physics, dealing with our understandings of the nature of light and matter, the structure of atoms, fundamental particles and their links to cosmology.				
Programme module type:	Available to any degree programme.			
Anti-requisite(s):	AS1001, PH1011, PH1012			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial/seminar.			
	Scheduled learning: 43 hours		Guided independent study: 157 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework (2 Class Tests) = 50%, 2-hour Written Examination = 50% Re-Assessment: 2-hour Written Examination = 100%			
Module Co-ordinator:	Dr P A S Cruickshank			
Lecturer(s)/Tutor(s):	Dr P A S Cruickshank, Dr H Zhao, Dr J Greaves			

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AS2001 Astronomy and Astrophysics 2				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	11.00 am lectures, Tue or Thu afternoons 2.00 pm - 3.00 pm tutorial and 3.00 pm -5.30 pm lab			
This module comprises four lecture courses which extend knowledge gained in the first level module AS1001, and discuss recent developments in the subject: (i) observational techniques - modern telescopes, instruments and detectors for gamma-, X-, uv, optical, IR and radio radiation; spherical astronomy and essential coordinate systems; (ii) the structure and evolution of stars - nucleosynthesis, stellar properties as a function of age, a complete understanding of the HR diagram; (iii) the chemical evolution of the Universe - abundances from the Big Bang to the present; (iv) galactic astronomy - the distribution and motion of stars, gas, dust, and dark matter in our Milky Way and other galaxies.				
Programme module type:	Compulsory for Astrophysics (First Year Entry)			
Pre-requisite(s):	AS1001, PH1011, PH1012 and MT1002.	Anti-requisite(s):	AS2101	
Required for:	AS3013, AS4010, AS4011, AS4021, AS4022, AS4023, AS4025. Either AS2001 or AS2101 is required for AS5003.			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 tutorial and 1 laboratory.			
	Scheduled learning: 78 hours		Guided independent study: 222 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Laboratory work = 25%, 2 Class Tests = 15%, 3-hour Written Examination = 60% Re-Assessment: Laboratory work = 25%, 3-hour Written Examination = 75%			
Module Co-ordinator:	Dr H Zhao			
Lecturer(s)/Tutor(s):	Dr H Zhao, Dr J Greaves, Dr V Wild, Dr K Wood			

AS2101 Astrophysics 2				
SCOTCAT Credits:	15	SCQF Level 8	Semester:	1
Availability restrictions:	Normally available only to those who took "direct entry" to second year and who are currently in a Junior Honours programme in the School			
Planned timetable:	11.00 am lectures, plus Tue or Thu 2.00 pm -3.00 pm tutorial.			
This module is designed to extend the knowledge gained in the first level AS1001 module and to prepare the way for more advanced material appearing in the honours astrophysics modules. The module has three basic components dealing with the physics of stellar structure and evolution, the components and dynamics of galaxies and the chemical evolution of the Universe including the synthesis of the elements. The module is based on the physical principles and mathematical techniques acquired earlier, and applied to the astrophysical concepts covered in AS1001.				
Programme module type:	Compulsory for Astrophysics (Direct Second Year Entry)			
Pre-requisite(s):	AS1001	Anti-requisite(s):	AS2001	
Required for:	AS3013, AS4010, AS4011, AS4021, AS4022, AS4023, AS4025. AS2001 or AS2101 is also required for AS5003.			
Learning and teaching methods and delivery:	Weekly contact: 3/4 lectures and 1 tutorial.			
	Scheduled learning: 45 hours		Guided independent study: 105 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 80%, Practical Examinations = 0%, Coursework = 20%			
	As used by St Andrews: 2 Class Tests = 20%, 2-hour Written Examination = 80% Re-Assessment: 2-hour Written Examination = 100%			
Module Co-ordinator:	Dr H Zhao			
Lecturer(s)/Tutor(s):	Dr H Zhao, Dr V Wild, Dr K Wood.			

Physics (PH) Modules

PH1011 Physics 1A				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	12.00 noon lectures, one afternoon from five 2.00 pm - 3.00 pm tutorial and 3.00 pm -5.30 pm lab			
This module covers the core subjects of mechanics, waves and optics, and also provides an overview of the physical properties of matter. It is suitable for those who have studied physics to the level of Higher Physics or equivalent. It includes lectures on Newton's laws, work and energy, simple harmonic motion, the different types of wave motion, geometrical and wave optics, and the nature and composition of nuclei, atoms, molecules and solids, and their interactions. Relevant laboratory work is an important part of the module.				
Programme module type:	Compulsory for Astrophysics, Materials Chemistry, Single and Joint Honours Physics, Single and Joint Honours Theoretical Physics (First Year Entry)			
Pre-requisite(s):	SQA Higher or A-Level Physics and Mathematics, at grade B or better.			
Anti-requisite(s):	AS1002			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 workshop, 1 tutorial and 1 laboratory.			
	Scheduled learning: 88 hours		Guided independent study: 112 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Laboratory Work = 25%, Class Test = 15%, 2-hour Written Examination = 60% Re-Assessment:2-hour Written Resit Examination = 60%, combined with existing Laboratory Work = 25%, Class Test = 15%			
Module Co-ordinator:	Dr C A T Brown			
Lecturer(s)/Tutor(s):	Dr C A T Brown, Dr L J Hadfield, Dr B D Sinclair			

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PH1012 Physics 1B			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 2
Planned timetable:	12.00 noon lectures; One afternoon 2.00 pm - 3.00 pm tutorial, 3.00 pm - 5.30 pm lab		
<p>This module covers an introduction to quantum mechanics, the mechanics of rotation and gravity and an introduction to lasers. The module is suitable for those who have studied physics to the level of Higher Physics or equivalent. It includes lectures on the origins of quantum theory, its application to atoms and other small-scale systems; the principles of lasers, and some aspects of optical communication. The module also includes a set of group-based activities associated with the use of physics ideas to solve an interesting problem. Relevant laboratory work is an important part of the module.</p>			
Programme module type:	Compulsory for Astrophysics, Materials Chemistry, Single and Joint Honours Physics, Single and Joint Honours Theoretical Physics (First Year Entry)		
Pre-requisite(s):	PH1011	Anti-requisite(s):	AS1002
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 workshop, 1 tutorial and 1 laboratory.		
	Scheduled learning: 78 hours	Guided independent study: 122 hours	
Assessment pattern:	<p>As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%</p>		
	<p>As used by St Andrews: 2-hour Written Examination = 50%, Laboratory work = 25%, and Group Discover Project = 15%, Class Test = 10% Re-Assessment: 2-hour Written Resit Examination = 50%, combined with existing Laboratory work = 25%, and Group Discover Project = 15%, Class Test = 10%</p>		
Module Co-ordinator:	Dr C A T Brown		
Lecturer(s)/Tutor(s):	Dr C A T Brown, Dr L J Hadfield, Dr D Cassettari		

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PH2011 Physics 2A				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Academic year:	2012/3			
Planned timetable:	10.00 am lectures; one problem solving workshop and lab chosen from Tue, Thu or Fri (2.00 pm - 5.30 pm); one tutorial to be arranged.			
This module covers the subjects of mechanics, special relativity, oscillations, and thermal physics. It is suitable for those who have taken the specified first year modules in physics and mathematics, or have good Advanced Higher or A-level passes or equivalent in physics and mathematics. It includes lectures on the dynamics of particles and rigid bodies, Einstein's special theory of relativity, free, forced and damped harmonic motion, and lectures on thermal physics including elementary thermodynamics and the notion of entropy.				
Programme module type:	Compulsory for Astrophysics, Materials Chemistry (or MT2001), Single and Joint Honours Physics, Single and Joint Honours Theoretical Physics			
Pre-requisite(s):	PH1011, PH1012 and MT1002; alternatively passes in Advanced Higher Physics and Mathematics or A-Level Physics and Mathematics, both normally at grade A.			
Required for:	PH3073, PH4038			
Learning and teaching methods and delivery:	Weekly contact: 4 or 5 lectures, 1 workshop, 1 tutorial and 1 laboratory.			
	Scheduled learning: 99 hours		Guided independent study: 201 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%			
	As used by St Andrews: Coursework (Laboratory work and workshops) = 30%, Class Test = 10%, 3-hour Written Examination = 60% Re-Assessment: 3-hour Written Resit Examination = 60%, combined with existing Laboratory Work and Workshops = 30%, Class Test = 10%			
Module Co-ordinator:	Dr A S Kohnle			
Lecturer(s)/Tutor(s):	Dr A S Kohnle, Dr Frank Kruger, Dr G M Smith, Prof S L Lee			

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PH2012 Physics 2B			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 2
Planned timetable:	10.00 am lectures; one problem solving workshop and lab chosen from Tue, Thu or Fri (2.00 pm - 5.30 pm); one tutorial to be arranged.		
This module covers the subjects of quantum physics, electricity and magnetism and classical waves. It is suitable for those who have taken the specified first year modules in physics and mathematics, or have good Advanced Higher or A-Level passes or equivalent in physics and mathematics. It includes lectures on the origin of Schrödinger's equation in quantum mechanics and its solution for simple one-dimensional potentials; an elementary introduction to the electromagnetic field comprising electrostatics, magnetostatics, electromagnetic induction and circuit theory; and lectures on waves, acoustics, polarisation of light, and interference.			
Programme module type:	Compulsory for Astrophysics, Single and Joint Honours Physics, Single and Joint Honours Theoretical Physics		
Pre-requisite(s):	PH1011, PH1012 and MT1002; alternatively passes in Advanced Higher Physics and Mathematics or A-Level Physics and Mathematics, both normally at grade A. Normally PH2011 is taken before this module.		
Required for:	AS4010, AS4011, PH3007, PH3081, PH3082, PH4022. PH2012 or MT3601 is also required for AS5002.		
Learning and teaching methods and delivery:	Weekly contact: 4 or 5 lectures, 1 workshop, 1 tutorial and 1 laboratory.		
	Scheduled learning: 98 hours	Guided independent study: 202 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 60%, Practical Examinations = 0%, Coursework = 40%		
	As used by St Andrews: Coursework (Laboratory work and workshops) = 30%, Class Test = 10%, 3-hour Written Examination = 60% Re-Assessment: 3-hour Written Resit Examination = 60%, combined with existing Laboratory Work and Workshops = 30%, Class Test = 10%		
Module Co-ordinator:	Dr A S Kohnle		
Lecturer(s)/Tutor(s):	Dr A S Kohnle, Dr C Hooley, Dr B D Sinclair		

Gateway to Physics and Engineering (PH) Modules

PH1501 Mathematics for Physicists 1A			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Availability restrictions:	Available only to those on the Gateway to Physics and Engineering Programme		
Planned timetable:	To be arranged.		
This module is designed to give physics students a secure base in elementary calculus and other mathematical tools to enable them to access the mathematics modules needed for progression into physics and engineering degrees. Participants will learn to use this mathematics effectively and efficiently in the context of work in physics. Some of the work is a revision and practice of material that will normally have been seen in the Scottish Higher and some A-Level maths syllabi.			
Programme module type:	Gateway to Physics and Engineering Programme		
Pre-requisite(s):	Entry to Gateway to Physics and Engineering Programme	Anti-requisite(s):	MT1001
Co-requisite(s):	PH1011, PH1502		
Learning and teaching methods and delivery:	Weekly contact: 5 lectures and 3 tutorials.		
	Scheduled learning: 77 hours	Guided independent study: 123 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%		
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 50% Re-Assessment: 2-hour Written Examination = 100%		
Module Co-ordinator:	Dr L J Hadfield		
Lecturer(s)/Tutor(s):	Dr L J Hadfield		

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PH1502 Physics Skills 1A				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Availability restrictions:	Available only to those on the Gateway to Physics and Engineering Programme			
Planned timetable:	To be arranged.			
This module develops academic and transferable skills in problem-solving, team-working, information retrieval and analysis, and study skills. It is a core module of the level one programme "Gateway to Physics and Engineering".				
Programme module type:	Gateway to Physics and Engineering Programme			
Pre-requisite(s):	Entry to Gateway to Physics and Engineering Programme			
Co-requisite(s):	PH1011, PH1501			
Learning and teaching methods and delivery:	Weekly contact: 1 lecture and 5 tutorials.			
	Scheduled learning: 110 hours		Guided independent study: 90 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr L J Hadfield			
Lecturer(s)/Tutor(s):	Dr L J Hadfield			

PH1503 Physics Skills 1B				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Academic year:	2012/3			
Availability restrictions:	Available only to those on the Gateway to Physics and Engineering Programme			
Planned timetable:	To be arranged.			
This module develops academic and transferable skills in problem solving in physics, in mathematical modelling of physical systems, in numerical/computational work applied to physics, and in study skills. It is a core module for the level one programme "Gateway to Physics and Engineering".				
Programme module type:	Gateway to Physics and Engineering Programme			
Pre-requisite(s):	Entry to Gateway to Physics and Engineering Programme			
Co-requisite(s):	PH1012	Anti-requisite(s):	MT1001	
Learning and teaching methods and delivery:	Weekly contact: 1 lecture and 5 tutorials.			
	Scheduled learning: 120 hours		Guided independent study: 80 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr L J Hadfield			
Lecturer(s)/Tutor(s):	Dr L J Hadfield			

School of Psychology & Neuroscience

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

B.Sc. / M.A. Honours with Integrated Year Abroad

The general requirements are 540 credits over a period of normally five years (and not more than six years) or part-time equivalent, of which the final three years are an approved Honours programme of 300 credits, of which 60 credits are gained during the integrated year abroad, 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

British Psychological Society (BPS) accreditation

Passes in PS3021, PS3022, PS3031, PS3032, PS3033, PS3034, PS3035 or PS3036, PS3037 or PS3038, PS4040 and PS4050 are required for recognition by the British Psychological Society. This is not possible for degrees in combination with Theological Studies, Economics, History, International Relations, Management, or Social Anthropology. **This recognition is required for those who wish to gain employment as professional psychologists.**

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Neuroscience - Single Honours B.Sc.

First Year:	80 credits: BL1101 and BL1102 and PS1001 and PS1002.
Second Year:	90 credits: BL2101 and PS2001 and PS2002 - with passes at grade 11 or better; 30 credits: BL2104 or BL2106 - with a pass at grade 11 or better.
Third Year:	80 credits: BL3303 and BL3313 and PS3032 and PS3035 and PS3037 and , normally, PS3038. Between 30 and 40 further credits: BL3000 - BL3399, PS3000 - PS3999, PS4040, with the approval of the Degree Controller.
Fourth Year:	At least 30 credits: BL4200 or BL4201 or PS4299; Further credits: BL4000 - BL4199, BL4203 - BL4289, (one of BL4291, BL4292, ID4001), PS4060 - PS4999, with the approval of the Degree Controller, to a total of 240 credits across Third and Fourth Years.

Psychology – Single Honours B.Sc. or M.A.

First Year:	40 credits: PS1001 and PS1002.
Second Year:	60 credits: PS2001 and PS2002 - with passes at grade 11 or better in both.
Third Year:	120 credits: PS3021 and PS3022 and PS3031 - PS3038 and PS4040.
Fourth Year:	45 credits: PS4050 and PS4060. 75 further credits: PS4000 - PS4099, except that up to 30 of these credits may be taken in another subject, with the approval of the School.

This degree is accredited by the British Psychological Society.

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Psychology - Joint Honours B.Sc. or M.A. (without BPS recognition)	
<p>(B.Sc. Honours)</p> <p>Psychology and one of: Biology, Computer Science, Economics, Mathematics</p>	<p>(M.A. Honours)</p> <p>Psychology and one of: Art History, Economics, English, Film Studies, French ^W, Geography, German ^W, International Relations, Italian ^W, Management, Mathematics, Mediaeval History, Modern History ^T, Philosophy, Social Anthropology, Theological Studies</p> <p>^T Timetable clash exists, combination is subject to arrangement by both departments</p> <p>^W Available also as 'With Integrated Year Abroad' degree</p>
<p>Psychology element of Joint B.Sc. or M.A. Honours *:</p> <p>First Year: 40 credits: PS1001 and PS1002.</p> <p>Second Year: 60 credits: PS2001 and PS2002 - with passes at grade 11 or better in both.</p> <p>Third Year: 40 credits: PS3021 and PS3022 and PS4040; At least 20 credits: PS3031 - PS3034, (PS3035 or PS3036), (PS3037 or PS3038).</p> <p>Fourth Year: 40 credits: PS3031 and PS3032 and PS3033 and PS3034, unless taken in Third Year; 20 credits: (PS3035 or PS3036) and (PS3037 or PS3038), unless taken in Third Year; Further credits: PS3000 - PS4099, to a maximum of 155 credits from these modules across Third and Fourth Years.</p> <p><i>Students in Biology and Psychology Joint Honours must take PS4050 or BL4200 or BL4201 or BL4202 in Fourth Year.</i></p> <p>In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.</p> <p>* BPS accreditation is not possible for all combinations with other Joint Honours subjects. For specific Joint Honours combinations which provide BPS accreditation, see below.</p>	

Psychology - Joint Honours B.Sc. or M.A. (with BPS recognition)	
<p>(B.Sc. Honours)</p> <p>Psychology and one of: Biology, Computer Science, Mathematics*</p> <p>* May be possible with permission from the Director of Teaching in the School of Mathematics & Statistics.</p>	<p>(M.A. Honours)</p> <p>Psychology and one of: English, Film Studies, German, Italian, Philosophy, Social Anthropology</p>
<p>Psychology element of Joint M.A. or B.Sc. Honours (with BPS recognition):</p> <p>First Year: 40 credits: PS1001 and PS1002.</p> <p>Second Year: 60 credits: PS2001 and PS2002 - with passes at grade 11 or better in both.</p> <p>Third Year: 40 credits: PS3021 and PS3022 and PS4040; At least 20 credits: PS3031 - PS3034, (PS3035 or PS3036), (PS3037 or PS3038).</p> <p>Fourth Year: 40 credits: PS3031 and PS3032 and PS3033 and PS3034, unless taken in Third Year; 20 credits: (PS3035 or PS3036) and (PS3037 or PS3038), unless taken in Third Year; 30 credits: PS4050; Further credits: PS3000 - PS4099, to a maximum of 155 credits from these modules across Third and Fourth Years.</p> <p>In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.</p> <p>These degrees are accredited by the British Psychological Society.</p>	

Psychology 'with'... - Honours B.Sc. or M.A.	
(B.Sc. Honours) Psychology with Biology	(M.A. Honours) Psychology with Film Studies^N Psychology with Geography ^N Not available to entrants from 2012/13
<p>Psychology major element of Psychology with Biology B.Sc. Honours or Psychology with Film Studies/Geography M.A. Honours:</p> <p>First Year: 40 credits: PS1001 and PS1002.</p> <p>Second Year: 60 credits: PS2001 and PS2002 - with passes at grade 11 or better in both.</p> <p>Third Year: 40 credits: PS3021 and PS3022 and PS4040; 60 credits: PS3031 - PS3034, (PS3035 or PS3036), (PS3037 or PS3038), except that up to 20 of these credits may be taken in Fourth Year.</p> <p>Fourth Year: 20 credits: PS3031 - PS3034, (PS3035 or PS3036), (PS3037 or PS3038), unless taken in Third Year; 30 credits: PS4050; 30 credits from PS4060 - PS4099; Further credits from PS3000 - PS4099, to a total of between 160 and 180 credits from these modules across Third and Fourth Years.</p> <p>In total, 240 credits must be achieved at 3000 and 4000 level, including at least 90 credits at 4000 level.</p> <p>These degrees are accredited by the British Psychological Society.</p>	

Students still completing degree programmes as defined in previous Course Catalogues should discuss their module selections with their Honours Adviser(s).

Modules

Normally the prerequisite for each of the following Honours modules is entry to the Honours Programme(s) for which they are specified, as well as any additional specific prerequisite(s) given.

General degree students wishing to enter 3000-level modules and non-graduating students wishing to enter 3000-level or 4000 level-modules must consult with the relevant Honours Adviser within the School before making their selection.

Psychology (PS) Modules

PS1001 Psychology 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	12.00 noon			
<p>This module aims (i) to provide an introduction to the theoretical foundations, historical perspectives and modern developments of psychology; (ii) to provide an introduction to the variety of subjects which make up contemporary psychology; (iii) to provide a thorough grounding in the empirical basis of psychology. Lectures comprise the principal teaching method. In addition, a specialised methodology and practical course will introduce methods of research including experimental design, analysis and interpretation of results. The skills necessary for writing research reports will be stressed. It will be assumed that entrants have no previous knowledge of psychology.</p>				
Programme module type:	Compulsory for Neuroscience and all degrees involving Psychology			
Required for:	PS2001, PS2002			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures and 1 x 2-hour laboratory.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%			
	As used by St Andrews: Coursework = 25%, Written Examination = 75%			
Module Co-ordinator:	P J Miles			
Lecturer(s)/Tutor(s):	Team taught			

PS1002 Psychology 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	12.00 noon			
<p>This module aims (i) to provide an introduction to the theoretical foundations, historical perspectives and modern developments of psychology; (ii) to provide an introduction to the variety of subjects which make up contemporary psychology; (iii) to provide a thorough grounding in the empirical basis of psychology. The principal teaching method for PS1002 is formal lectures, with a continuation of the specialised methodology and practical course exploring methods of research. It will be assumed that students have taken PS1001 and will therefore have some experience in methodology and writing research reports.</p>				
Programme module type:	Compulsory for Neuroscience and all degrees involving Psychology			
Required for:	PS2001, PS2002			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures and 1 x 2-hour laboratory.			
	Scheduled learning: 66 hours		Guided independent study: 134 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%			
	As used by St Andrews: Coursework = 25%, Written Examination = 75%			
Module Co-ordinator:	P J Miles			
Lecturer(s)/Tutor(s):	Team taught			

Psychology & Neuroscience - 1000 & 2000 Level 2012/13 - August 2012

PS2001 Psychology 1				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	1
Planned timetable:	10.00 am			
<p>This module uses PS1001 and PS1002 as the foundation for a more advanced treatment of a number of areas in psychology. In this way, and in conjunction with PS2002, it forms a sound preparation for Honours Psychology. It also provides greater depth of understanding of psychology for those who are taking the module as part of a more general course. Module PS2001 complements PS2002; together, the two modules involve advanced treatment of the following areas of psychology: the relations between brain and behaviour; cognition; perception; comparative aspects of behaviour; social and health psychology. It also contains a methodology component covering laboratory and field techniques; no methodological grounding beyond PS1002 will be assumed.</p>				
Programme module type:	Compulsory for Neuroscience and all degrees involving Psychology			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 x 3-hour laboratory per week and 3 x 1-hour course-related tutorials per semester.			
	Scheduled learning: 80 hours		Guided independent study: 220 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%			
	As used by St Andrews: Coursework = 25%, Written Examination = 75%			
Module Co-ordinator:	Dr P B Hibbard			
Lecturer(s)/Tutor(s):	Team taught			

PS2002 Psychology 2				
SCOTCAT Credits:	30	SCQF Level 8	Semester:	2
Planned timetable:	10.00 am			
<p>This module uses PS1001 and PS1002 as the foundation for a more advanced treatment of a number of areas in psychology and extends the range of teaching available in PS2001 to complete the preparation for Honours Psychology. It also provides greater depth of understanding of psychology for those who are taking the module as part of a more general course. Module PS2002 involves advanced treatment of the following areas of psychology, complementing PS2001: the relations between brain and behaviour; cognition; perception; comparative aspects of behaviour; social and health psychology. It also contains a methodology component covering laboratory and field techniques; grounding in the methodological skills of PS2001 will be assumed.</p>				
Programme module type:	Compulsory for Neuroscience and all degrees involving Psychology			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures, 1 x 3-hour laboratory per week and 3 x 1-hour course-related tutorials per semester.			
	Scheduled learning: 80 hours		Guided independent study: 220 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 75%, Practical Examinations = 0%, Coursework = 25%			
	As used by St Andrews: Coursework = 25%, Written Examination = 75%			
Module Co-ordinator:	Dr P B Hibbard			
Lecturer(s)/Tutor(s):	Team taught			

Sustainable Development

B.Sc. / M.A. Honours

The general requirements are 480 credits over a period of normally four years (and not more than five years) or part-time equivalent, of which the final two years form an approved Honours programme of 240 credits, of which 90 credits are at 4000 level and at least a further 120 credits at 3000 and/or 4000 levels.

Exchange schemes: In the case of students who spend part of the Honours programme abroad on a recognised Exchange scheme, the Programme Requirements will be amended to take into account courses taken while abroad.

Sustainable Development - Single Honours B.Sc. or M.A.

First Year:	20 credits: SD1001 or SD1003; Sufficient credits from 1000-level modules in a partner subject to permit progression to 2000-level (see accompanying list).
Second Year:	60 credits: SD2001 and SD2002 – with passes at grade 11 or better in both; Sufficient 2000-level credits in the partner subject with pass(es) at the required grade to permit entry to Honours. (Exceptions to this may only be made with the permission of the Director of Teaching.)
Third Year:	Between 30 and 60 credits: SD3201 - SD3204; Up to 60 credits: SD3220 - SD3299; Further credits: 3000- or 4000-level modules in partner subject(s), if necessary, to a total of 120 for the Year.
Fourth Year:	Between 10 and 20 credits: SD4121 or SD4221; 20 credits: SD4222 - SD4289; 60 credits: SD4299; Further credits: 3000- or 4000-level modules in partner subject(s) to a total of 120 for the Year.

Partner Subjects agreed for 2012-13: Biology, Chemistry, Computer Science, English, Film Studies, Geography, History, International Relations, Management, Mathematics & Statistics, Modern Languages, Psychology, Social Anthropology (only for certain modules and only if space available).

Partner subjects are drawn from those Schools and departments across the University which have agreed to partner with Sustainable Development and thus allow SD students to access Honours modules, provided they meet the Honours entry requirement for that subject. SD students will gain access to these modules via the SD Honours Adviser and the Honours Adviser for each subject, who will be able to explain any relevant exceptions to the above.

Honours Modules agreed for Sustainable Development students in 2012-13: In addition to the Partner Subject arrangements above, the following modules are available to all students who have achieved Honours entry in Sustainable Development (see individual School listings for details):

Biology: BL3000*, BL3320, BL3306, BL3308*, BL3309*, BL3316, BL3318, BL4259, BL4266, BL4268, BL4269, BL4282, BL4291, BL4293 (* *The co-requisites for these modules may be waived for Sustainable Development students*); **Chemistry:** CH4515, CH4613, CH4712; **English:** EN3202; **Geography:** GG3221 - GG3231, GG3260 – GG3269, GG3301, GG3302; **Interdisciplinary:** ID4001 ; **Management:** MN4227, MN4238, MN4266 ; **Modern History:** MO3023, MO3314

Sustainable Development - 1000 & 2000 Level 2012/13 - August 2012

Sustainable Development (SD) Modules

SD1001 Sustainable Development : Priorities and Pathways				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	9.00 am Mon, Tue, Thu, Fri.			
Sustainable development offers a framework to identify global priorities and to explore alternative pathways by which we may recognise environmental limits and strive for social justice, in order to leave a better world for future generations. This module takes an interdisciplinary approach to critique diverse interpretations of sustainable development and to discuss its application at local, national and global levels. The module is taught collaboratively by staff from across the University (e.g. Biology, Divinity, Geography and Geosciences, Modern History, Social Anthropology and Estates). Students will explore themes such as the history and frameworks of sustainable development; biodiversity conservation; international development and culture; and institutional sustainable development strategies. Cross-cutting themes will be identified and discussed and linkages will be developed across the module.				
Programme module type:	Either SD1001 or SD1003 is compulsory for Sustainable Development			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures per week and 2 tutorials during the semester.			
	Scheduled learning: 148 hours		Guided independent study: 52 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Examination = 50%			
Module Co-ordinator:	Dr I R A Fazey			

SD1003 Sustainable Development : Towards Alternative Futures				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	9.00 am Mon, Tue, Thu, Fri.			
Sustainable development offers an approach to envisage alternative futures through the theoretical development of different paradigms and the practical application of such theories. This module takes an interdisciplinary approach to different perspectives of sustainable development and to discuss its application at local, national and global levels. The module is taught collaboratively by staff from across the University (e.g. Art History, Biology, Chemistry, Economics and Finance, Geography and Geosciences, International Relations, Management, Mathematics and Statistics and Medicine). It builds on some of the material from SD1001 but also can be taken as a stand-alone module. Students will explore themes such as climate change and responses; sound science, knowledge and learning for sustainable development; water and sanitation; and governance for sustainable development. Cross-cutting themes will be identified and discussed and linkages will be developed across the module.				
Programme module type:	Either SD1001 or SD1003 is compulsory for Sustainable Development			
Anti-requisite(s):	SD1002			
Learning and teaching methods and delivery:	Weekly contact: 4 lectures per week plus 2 tutorials during semester .			
	Scheduled learning: 148 hours		Guided independent study: 52 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Examination = 50%			
Module Co-ordinator:	Dr R M White			

Sustainable Development - 1000 & 2000 Level 2012/13 - August 2012

SD2001 Sustainable Development : Ecological and Environmental Aspects			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 1
Planned timetable:	1.00 pm		
<p>This module takes students through a range of ecological and environmental issues associated with sustainable development. This interdisciplinary module is taught collaboratively by staff from the Schools of Biology, Chemistry, Geography & Geosciences and Mathematics & Statistics. The module explores five main themes:</p> <p>Part A -ecosystem functions and services- provides a general introduction to key concepts, including: biodiversity, ecosystems, and the role of environmental cycles.</p> <p>Part B -the anthropogenic effects on ecosystem functions and services- explores the human impacts on natural systems, including issues of habitat change, global warming, agriculture, commercial and industrial impacts.</p> <p>Part C – environmental monitoring and assessment – considers the supporting evidence base required for sustainability. Techniques are explored through case studies at local and global levels.</p> <p>Part D -technology and the environment- considers how advances in technology might play a crucial role in moving towards sustainability, and the potential impacts of technology, both positive and negative (focusing energy supply and use, and also geo-engineering).</p> <p>Part E -conservation and management - covers issues including species and habitat protection, protected area design, and community participation.</p> <p>The module covers a wide range of theory and knowledge, and provides you with ideas and material from various disciplines. You will be assessed by an essay, which will enhance your understanding of a particular field and the constraints to achieving sustainable development. Essay topics will be supported by tutorial sessions. The seminar series offers an opportunity for peer learning and presentation by exploring case studies of a range of relevant topics and offering time for discussion.. There will be a fieldtrip to St Andrews Bay and the Eden Estuary.</p>			
Programme module type:	Compulsory for Sustainable Development		
Pre-requisite(s):	SD1001 or SD1003		
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 seminar and 1 tutorial.		
	Scheduled learning: 77 hours	Guided independent study: 223 hours	
Assessment pattern:	As defined by QAA: Written Examination = 30%, Practical Examination = 20%, Coursework = 50%		
	As used by St Andrews: Coursework = 50%, 3-hour Examination = 50%		
Module Co-ordinator:	Dr T A Stojanovic		

Sustainable Development - 1000 & 2000 Level 2012/13 - August 2012

SD2002 Sustainable Development : Social and Economic Aspects			
SCOTCAT Credits:	30	SCQF Level 8	Semester: 2
Planned timetable:	1.00 pm		
<p>This interdisciplinary module explores a broad range of issues concerning social justice and development which are associated with sustainable development. It is taught collaboratively by staff from the Schools of Geography & Geosciences, Management, History, and Philosophical, Anthropological & Film Studies. There are four central themes explored in the module:</p> <p>Part A: Values, philosophy and history of sustainability and development considers worldviews and assumptions behind sustainable development; the history of ecology and empire; and the rise of environmental consciousness.</p> <p>Part B: Policy, decision making and governance explores the role of the state; and practical environmental planning and management, including EIAs and SEAs.</p> <p>Part C: Markets and institutions focuses on the corporation and the role of business organizations in managing for sustainable development, including topics such as ethical investment and corporate reporting.</p> <p>Part D: Development, cultures and social justice focuses on the role of culture in SD by presenting ethnographic case studies from across the world that discuss the impact of development projects on indigenous peoples; gender; and the (cultural) impact of mining. Examples from around the world are used to illustrate the above.</p> <p>Assessments for this module include a social accounting exercise, a poster presentation and a seminar on a topic of the student's choice.</p>			
Programme module type:	Compulsory for Sustainable Development		
Pre-requisite(s):	SD2001		
Learning and teaching methods and delivery:	Weekly contact: 3 lectures, 1 seminar and 1 tutorial.		
	Scheduled learning: 56 hours	Guided independent study: 244 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 20%, Coursework = 30%		
	As used by St Andrews: Coursework = 50%, 3-hour Examination = 50%		
Module Co-ordinator:	Dr R M White		

InterDisciplinary (ID) Modules

ID1003 Great Ideas 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	1.00 pm Mon, 1.00 pm Tue, 1.00 pm Thu.			
The aim of the module is to trace some of the major intellectual and societal threads in the development of modern civilisation: the 'canon' of modern thought. The module focuses on four themes: logic, reason, and evidence; religion and culture; economics and society; and technology. The aim throughout is to develop students' historical and cultural knowledge, along with their analytical and critical skills. Use is made of original source material where possible, and lectures are supplemented by facilitated discussion sessions.				
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 2 to 3 lectures and 1 tutorial.			
	Scheduled learning: 40 hours		Guided independent study: 160 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: 3-hour Examination = 100%			
Module Co-ordinator:	Dr C Hooley			

ID1004 Great Ideas 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	1.00 pm Mon, 1.00 pm Tue, 1.00 pm Thu.			
Students will be introduced to influential thinkers, theories and texts across four main themes: the nature of reality; matter and the cosmos and their representations in the Arts; the idea of human rights and justice; and the principle of evolution as applied within and beyond the biological sciences. Students will encounter thinkers from Plato to Einstein, via Newton, Kant, Wollstonecraft and Darwin. They will develop an appreciation of the wider importance of figures such as these to a range of human intellectual endeavour across disciplinary boundaries. Use is made of original source material where possible, and lectures are supplemented by facilitated discussion sessions. This module complements Great Ideas 1, but may be studied independently				
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures and 1 tutorial.			
	Scheduled learning: 42 hours		Guided independent study: 158 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 100%, Practical Examinations = 0%, Coursework = 0%			
	As used by St Andrews: 3-hour Examination = 100%			

InterDisciplinary - 1000 & 2000 Level 2012/13 - August 2012

ID2003 Science Methods				
SCOTCAT Credits:	10	SCQF Level 8	Semester:	1
Planned timetable:	1.00 pm Mon, 1.00 pm Tue, 4.00 pm Thu.			
<p>This module provides an overview of the rationale, methods, history and philosophy of science. We explore the different definitions of science, the distinction between science and pseudo-science, the design of experiments, critical thinking, errors in reasoning, methods of making inferences and generalisations, the role of personal experience and anecdotes in science, the process of scientific publication and the role of anomalies in science. The module is collaboratively taught by staff from a number of schools in the university providing a useful methodological background for all science students.</p>				
Programme module type:	Available to any degree programme.			
Learning and teaching methods and delivery:	Weekly contact: 2 lectures and 1 practical class.			
	Scheduled learning: 33 hours		Guided independent study: 67 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 1.5-hour Examination = 50%			
Module Co-ordinator:	Dr C G M Paxton, Mathematics & Statistics			
Lecturer(s)/Tutor(s):	Dr C G M Paxton, Dr E Rexstad, Dr D Russell			

B.A. (International Honours) The College of William & Mary

The general requirements are 480 SCOTCAT credits over a period of 4 years. 120 credits (equivalent to 30 William & Mary credit hours) are to be accumulated each year. One sub-honours year and one Honours year must be spent at each institution. To qualify for entry into Year 3 of the programme, a total of 240 SCOTCAT credits must be gained. The nature of these programmes permits some flexibility between Years 1 and 2 – and again between Years 3 and 4 – whereby a lighter credit load in one year at one institution can be compensated for by a heavier load at the other institution, or vice versa; however in all instances the critical credit totals must be achieved.

Degree Programmes	Programme Requirements:	
(B.A. International Honours): Economics	EITHER (480 credits) St Andrews Requirements:	OR (120 credit hours) William & Mary Requirements:
	Year 1: 40 credits from EC1001 and EC1002. 80 further credits at 1000 or 2000 level to be chosen in consultation with an Adviser of Studies.	Year 1: ECON101, ECON102, Interdisciplinary Core Module, and other modules yielding approximately 20 further credit hours, chosen in consultation with a Programme Adviser.
	Year 2: 60 credits with passes at 11 or better in EC2001, EC2002, EC2003, EC2004. 60 further credits at 1000 or 2000 level, of which at least 20 credits must be at 2000 level, to be chosen in consultation with an Adviser of Studies.	Year 2: ECON303, ECON304, ECON307, ECON331, Interdisciplinary Core Module and other modules yielding approximately 14 further credit hours, chosen in consultation with a Programme Adviser.
	Year 3: 75 credits from EC3201, EC3202, EC3203. 15 further 3000- or 4000-level credits in EC-coded modules. 30 further credits to be chosen in consultation with an Adviser of Studies (dip-down is possible).	Year 3: (ECON420 or ECON403), ECON461, ECON411, ECON476, ECON308. 6 further credit hours from ECON-coded modules and other modules yielding approximately 9 further credit hours, chosen in consultation with a Programme Adviser.
	Year 4: 75 credits from EC4201, EC4202 and EC4300 (Dissertation). 15 further 4000-level credits in EC-coded modules. 30 further credits to be chosen in consultation with an Adviser of Studies (dip-down is possible).	Year 4: ECON495, ECON496, ECON410, (ECON483 or ECON484), (ECON407 or ECON408). 6 further credit hours from ECON-coded modules. Other modules yielding approximately 9 further credit hours, chosen in consultation with a Programme Adviser.

B.A. (International Honours) - Programme Requirements 2012/13 - August 2012

Degree Programmes	Programme Requirements:	
(B.A. International Honours): English	EITHER (480 credits) St Andrews Requirements:	OR (120 credit hours) William & Mary Requirements:
	Year 1: 40 credits from EN1003 and EN1004. 80 further credits at 1000 or 2000 level to be chosen in consultation with an Adviser of Studies.	Year 1: ENGL204 and other modules to a total of 30 credit hours, chosen in consultation with the Programme Adviser.
	Year 2: 40 credits with passes at 11 or better in EN2003 and EN2004. 80 further credits at 1000 or 2000 level, of which at least 40 credits must be at 2000 level, to be chosen in consultation with an Adviser of Studies.	Year 2: ENGL203 and other modules to a total of 30 credit hours, chosen in consultation with the Programme Adviser.
	Years 3 and 4: requirements must be met in each of sections I-VI (at either institution)	
	I. 30 credits from EN3210, EN4409, EN4418, EN4419.	I. One from ENGL207, ENGL361 - ENGL366, ENGL371, ENGL414A, ENGL417B.
	II. 30 credits from EN4411, EN4414, EN4415, EN4416, EN4421.	II. One from ENGL419 - ENGL422, ENGL426.
	III. 60 credits chosen from two of the following groups: Group A: EN3111, EN3112, EN4311, EN4312, EN4314. Group B: EN3141 - EN4143, EN4341 - EN4344. Group C: EN3161 - EN3164, EN4361 - EN4364.	III. Two chosen from at least two of the following groups: Group A: ENGL315, ENGL322. Group B: ENGL323, ENGL324. Group C: ENGL331 - ENGL333, ENGL341 - ENGL343.
	IV. In Year 4 only: 30 credits from EN4399 (Dissertation).	IV. In Year 4 only: One from ENGL475, ENGL495, ENGL496.
	V. Further modules to make up the 180-credit core English requirement from any EN3000- and 4000-level modules not previously taken including: EN3201 - EN3211, EN4402 - EN4420	V. Further modules to make up the 45-credit hour core English requirement from modules not previously taken, including ENGL310, ENGL311, ENGL314, ENGL316, ENGL344, ENGL352, ENGL355 - ENGL360, ENGL380, ENGL411, ENGL412, ENGL414, ENGL416, ENGL417, ENGL465, ENGL480. Modules in creative writing and linguistics may also be taken.
VI. Further credits to be chosen in consultation with an Adviser of Studies to meet breadth requirements and the overall total of 120 credits per year. Dip-down to (non-classifiable) 2000-level modules is possible).	VI. Further credits to be chosen in consultation with a Programme Adviser to meet breadth requirements and the overall total of 30 credit hours per year.	

B.A. (International Honours) - Programme Requirements 2012/13 - August 2012

Degree Programmes	Programme Requirements:	
(B.A. International Honours): History	EITHER (480 credits) St Andrews Requirements:	OR (120 credit hours) William & Mary Requirements:
	Year 1: 40 credits from HI-, ME-, MH- or MO-coded modules at 1000 or 2000 level. 80 further credits at 1000 level, to be chosen in consultation with an Adviser of Studies. Normally this should include 40 credits from two consecutive modules at 1000 level in one language, plus 40 credits to meet breadth requirements. ID1003 and ID1004 are recommended.	Year 1: Four modules from two of the groups A-C. If groups A and B are chosen, one module must also be taken from group C. Group A: HIST121, HIST122. Group B: HIST111, HIST112. Group C: HIST131, HIST132, HIST141, HIST142, HIST161, HIST171, HIST172, HIST182, HIST191, HIST192. 18 further credit hours, chosen in consultation with a Programme Adviser to meet breadth.
	Year 2: 40 credits from HI-, ME-, MH- or MO-coded modules at 2000 level, with passes at 11 or better. 80 further credits, to be chosen in consultation with an Adviser of Studies. Normally this should include 40 credits from two consecutive modules at 2000 level in one language, plus 40 credits to meet breadth requirements.	Year 2: Normally a minimum of 12 credit hours in History, including at least one History module at 300 level (to meet progression criteria). Normally at least two modules continuing in the chosen language. Remainder of 30 credit hours chosen in consultation with an Adviser to achieve breadth requirements
	Year 3: Any two ME- or MO-coded 30-credit modules at 3000 level (existing anti-requisites apply). 30 further 3000- or 4000-level credits in the subject core (i.e. ME-, MO- or the chosen language). 30 further credits to be chosen in consultation with an Adviser of Studies (dip-down is possible). Advising should take account of the language requirement (see below). This will normally mean gaining 30 credits in the language taken in Years 1 and 2 at 3000 or 4000 level.	Year 3: Either HIST490C or HIST491C and four further from HIST300 - HIST499. Normally at least two modules continuing in the chosen language. Further credit hours to a total of 30, chosen in consultation with an Adviser to meet breadth requirements.
	Year 4: 30 credits from HI4998. 60 4000-level credits in another ME- or MO-coded module. 30 further credits to be chosen in consultation with an Adviser of Studies (dip-down is possible). Advising should take account of the language requirement (see below). This will normally mean gaining 30 credits in the language taken in Years 1 and 2 at 3000 or 4000 level.	Year 4: HIST490C, HIST495, HIST496, and three further from HIST300 – HIST499. Normally at least two modules continuing in the chosen language. Further credit hours to a total of 30, chosen in consultation with an Adviser to meet breadth requirements.

B.A. (International Honours) - Programme Requirements 2012/13 - August 2012

	<p>Further Requirements:</p> <ul style="list-style-type: none">- no more than 60 credits must be gained from ME-, MO- or HI-coded 2000-level modules.- At least two modules must be completed in American History.- At least two modules must be completed in British and/or European History.- At least two modules must be completed in Non-Western History.- Students must, in the course of their degree programme, successfully complete at least one module in one of the approved languages (Arabic, German, French, Italian*, Latin, Russian, Spanish) in every semester (or, at least, no fewer than eight overall). For the sub-honours year at St Andrews, this normally means a total of no fewer than 40 credits in that language. These modules must be taken in one language: they must build on each other and they must, in the course of Years 3 and 4, include a total of no fewer than four advanced modules[†] (typically at or above the 300/3000-level) in the target language (amounting to a total of 60 StA credits or W&M equivalent).- Where a student has commenced a language unsuccessfully, they may (with the permission of the Adviser of Studies) change to a different language at the beginning of Year 2. The modules taken in Year 1 will then count towards the required overall total of 8 language modules; in this case, the number of advanced modules is reduced to two (30 StA credits or W&M equivalent).- French can only be commenced at intermediate/post-202 level).- All other approved languages can be begun at either elementary level (i.e. beginners) or at intermediate level, except Arabic which may only be begun at elementary level at St Andrews.- Once this language requirement has been met, students wishing to do so are welcome to consider taking classes in another language to widen their experience.- Summer language classes offered by W&M or St Andrews may count towards the requirement with the Adviser's prior approval. <p>* Students wishing to start studying Italian at W&M must begin with ITAL101. Because of limitations on W&M upper-level Italian offerings, they will typically spend their third year at St Andrews, where they will take three Italian modules, unless arrangements can be made for them to take two upper-level Italian modules in year 3 at W&M.</p> <p>[†] 30-credit Honours modules in Latin count as two advanced modules.</p>
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B.A. (International Honours) - Programme Requirements 2012/13 - August 2012

Degree Programmes	Programme Requirements:	
(B.A. International Honours): International Relations	EITHER (480 credits) St Andrews Requirements:	OR (120 credit hours) William & Msary Requirements:
	Year 1: 80 credits from IR1005, IR1006, EC1001 and EC1002. 40 further credits at 1000 or 2000 level. Language modules are recommended, but other complementary modules may be chosen in consultation with an Adviser of Studies.	Year 1: GOVT203, GOVT204, ECON101, ECON102, HIST192, INRL300. A Freshman Seminar OR Interdisciplinary Seminar (writing intensive). One from GOVT330, GOVT334 - GOVT339 Approximately 5 further credit hours, chosen in consultation with a Programme Adviser to meet breadth requirements yielding a total of 30 credit hours for the year. Foreign Language modules recommended.
	Year 2: 40 credits with passes at 11 or better in IR2005 and IR2006. 80 further credits at 1000 or 2000 level, of which at least 40 credits must be at 2000 level. Further Language or Economics modules are recommended, but other complementary modules may be chosen in consultation with an Adviser of Studies.	Year 2: GOVT327, HIST192, INRL300. One from GOVT301, ECON307. One from GOVT303 - GOVT305. One from GOVT324, GOVT325, GOVT328. A Freshman Seminar OR Interdisciplinary Seminar (writing intensive). Approximately 8 further credit hours, chosen in consultation with a Programme Adviser to meet breadth requirements yielding a total of 30 credit hours for the year. Foreign Language modules recommended.
	Year 3: 90 3000-level credits in IR-coded modules. 30 further credits from IR or other complementary modules may be chosen in consultation with an Adviser of Studies. (dip-down is possible).	Year 3: No fewer than 24 credits must be gained from GOVT and INRL modules at the appropriate level. Other credit hours to be chosen in consultation with a Programme Adviser to meet breadth requirements.
Year 4: 60 4000-level credits in IR-coded modules. 30 credits from IR4099. 30 further credits from IR- or other complementary modules may be chosen in consultation with an Adviser of Studies. (dip-down is possible).	Year 4: INRL495 - INRL496. No fewer than 24 credits must be gained from GOVT and INRL modules at the appropriate level. Other credit hours to be chosen in consultation with a Programme Adviser to meet breadth requirements.	

For details of St Andrews modules, see the appropriate School entries within this Catalogue. For modules at William & Mary, see www.wm.edu/offices/registrar/documents/catalog/UGCatalog.pdf

English Language Teaching (ET) Modules

ET1001 English as a Foreign Language A				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	3.00 pm			
This module is designed to improve the communicative English skills of students whose first language is not English. It aims to develop skills such as problem-solving and expressing opinions in English. The purpose of the module is to develop students' confidence in the day-to-day use of English outside the classroom, helping students to communicate more effectively in writing and speaking in a variety of non-academic styles. A focus on listening skills and vocabulary development is an important part of this process.				
Programme module type:	Available to any degree programme.			
Anti-requisite(s):	Native Speaker of English, ET1009, a pass at Higher, A-Level or equivalent in English			
Learning and teaching methods and delivery:	Weekly contact: 4 compulsory classes.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 40%, Practical Examination = 0%, Coursework = 60%			
	As used by St Andrews: Coursework = 60%, 2-hour Written Examination = 40%			
Module Co-ordinator:	Ms E Stitt			

ET1002 English as a Foreign Language B				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	3.00 pm			
This module examines aspects and genres of English where meaning is less easily decoded, such as idiomatic language, journalese, poetry and drama. The approach is similar to ET1001 in that developing communicative skills is regarded as the main aim of the module. Examples of themes covered include multiple meanings, puns and humour, story-telling, indirect speech and writing appropriately and effectively in a variety of non-academic contexts.				
Programme module type:	Available to any degree programme.			
Anti-requisite(s):	Native speaker of English, ET1009, a pass at Higher, A-Level or equivalent in English			
Learning and teaching methods and delivery:	Weekly contact: 4 compulsory classes.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 40%, Practical Examination = 0%, Coursework = 60%			
	As used by St Andrews: Coursework = 60%, 2-hour Written Examination = 40%			
Module Co-ordinator:	Ms E Stitt			

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ET1009 English as a Foreign Language for Scientists 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Availability restrictions:	Only if sufficient student demand			
Planned timetable:	5.00 pm			
This module is aimed at improving the ability of non-native speaking science students to deal more effectively with the language demands of a science subject through developing communicative skills within both academic and non-academic settings. The main focus will be on speaking, listening and building vocabulary, whilst written work will concentrate on common tasks set within Science modules.				
Programme module type:	Available to any degree programme.			
Pre-requisite(s):	Non-native speaker of English, studying at least one Science module			
Anti-requisite(s):	ET1001 and ET1002, a pass at Higher, A Level or equivalent in English			
Learning and teaching methods and delivery:	Weekly contact: 4 classes, (with the possibility of 2 x 90-minute and 1 x 60-minute class, negotiable around students' schedules)			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 30%, Practical Examination = 20%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Written Examination = 30%, Oral Interview = 20%			
Module Co-ordinator:	Ms Ros Doig			

ET2001 Academic English 1				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	1
Planned timetable:	4.00 pm			
This module provides students with detailed knowledge of, and practice in, the conventions of academic English. The module will focus particularly on the skills required for essay writing and on oral presentation skills. There will be an emphasis on improved academic study skills, including reading academic texts and note-taking in lectures.				
Programme module type:	Available to any degree programme.			
Anti-requisite(s):	Native Speaker of English, a pass at Higher, A-Level or equivalent in English			
Learning and teaching methods and delivery:	Weekly contact: 4 compulsory classes.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 20%, Practical Examination = 20%, Coursework = 60%			
	As used by St Andrews: Coursework = 60%, Written Examination = 20%, Listening Examination = 20%			
Module Co-ordinator:	Ms K M George-Briant			

ET2002 Academic English 2				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	4.00 pm			
<p>This module provides students with a more advanced knowledge of, and practice in, the conventions of academic English in a British university context. The module will focus particularly on writing skills and seminar skills. There will be an emphasis on improving students' ability to study proactively and productively, developing the ability to handle sources: reading academic texts effectively and developing note-taking and summarising skills. Teaching is conducted in small groups, with active student participation required.</p>				
Programme module type:	Available to any degree programme.			
Anti-requisite(s):	Native Speaker of English, a pass at Higher, A-Level or equivalent in English			
Learning and teaching methods and delivery:	Weekly contact: 4 compulsory classes.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 20%, Practical Examination = 20%, Coursework = 60%			
	As used by St Andrews: Coursework = 60%, Written Examination = 20%, Listening Examination = 20%			
Module Co-ordinator:	Ms K M George-Briant			

Linguistics (LI) Modules

LI1001 Foundations of Language 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	2.00 pm			
<p>This module will provide an introduction to the structures and functions of language and will consist of a study of grammatical structures in English; the ways in which meaning is constructed from morpheme to text; and the system of sounds and pronunciation. It will form a useful basis for the study of Modern Languages, and will also be of interest to students of Psychology, Social Anthropology, Philosophy or any discipline which is concerned with the nature and structure of language. There will be an element of active participation in the lectures as well as in the seminars.</p>				
Programme module type:	Available to any degree programme. LI1001 is designed to be taken by ANY student, i.e. it is NOT specifically for non-native speakers.			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures plus 1 seminar.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 50%, Practical Examination = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Examination = 50%			
Module Co-ordinator:	Ms L Thirkell			

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LI1002 Foundations of Language 2				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	2.00 pm			
<p>This module will consider three important aspects of language: language and the mind, which examines how language is acquired or learned and then stored; language and society, which considers the way language is shaped by context and culture; and teaching language, which considers how linguistic and educational theory shapes language teaching. As with LI1001, this module will complement a number of others. There will be an element of active participation in the lectures as well as in the seminars.</p>				
Programme module type:	<p>Available to any degree programme. LI1002 is designed to be taken by ANY student, i.e. it is NOT specifically for non-native speakers.</p>			
Learning and teaching methods and delivery:	Weekly contact: 3 lectures plus 1 seminar.			
	Scheduled learning: 44 hours		Guided independent study: 156 hours	
Assessment pattern:	As defined by QAA: Written Examination = 50%, Practical Examination = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, 2-hour Examination = 50%			
Module Co-ordinator:	Ms L Thirkell			

AH1901 Western Art from Renaissance to Baroque				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	Please Contact Evening Degree Co-ordinator			
The module will provide a survey of western European art from the late Middle Ages to the end of the eighteenth century. Each lecture will focus on a particular work of art or monument, chosen to illustrate not only the achievement of great individual artists (including Michelangelo, Caravaggio, Rembrandt), but also different media (painting, sculpture, architecture, print-making). Attention will also be paid to different art-historical approaches to the art of the Renaissance and Baroque periods.				
Programme module type:	Evening degree programme			
Anti-requisite(s):	AH1001 or AH1003			
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session: lectures and tutorials.			
	Scheduled learning: 64 hours		Guided independent study: 136 hours	
Assessment pattern:	As defined by QAA: Written Examination = 25%, Practical Examination = 0%, Coursework = 75%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr W Rough			
Lecturer(s)/Tutor(s):	Team taught			

AH2901 Art in the Modern Period				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	Please Contact Evening Degree Co-ordinator			
The module will provide a survey of western European art from the end of the eighteenth century to the present day. Each lecture will focus on a particular work of art, monument or movement, chosen to illustrate not only the achievement of great individual artists (including Van Gogh, Cezanne, and Picasso), but also different media (painting, sculpture, architecture, photography, applied arts). Attention will also be paid to differing art-historical approaches to the art of the Modern period.				
Programme module type:	Evening Degree Programme			
Pre-requisite(s):	AH1901			
Anti-requisite(s):	AH2001, AH2002			
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session: lectures and tutorials.			
	Scheduled learning: 64 hours		Guided independent study: 136 hours	
Assessment pattern:	As defined by QAA: Written Examination = 25%, Practical Examination = 0%, Coursework = 75%			
	As used by St Andrews: Coursework (1 x 1,000 word Visual Analysis Paper = 25%, 2 visual tests = 25% 1 x 2,000 word essay = 50%) = 100%			

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AH3901 Walter Richard Sickert and European Art c. 1880 - 1940			
SCOTCAT Credits:	30	SCQF Level 9	Semester: 2
Planned timetable:	Please Contact Evening Degree Co-ordinator		
<p>The module will examine European Art c.1880 - c.1940 paying particular attention to the artistic development of the British painter Walter Richard Sickert and his relationship to European painting and illustration. It will also broadly explore the various artistic movements and new developments (i.e. Impressionism, Post-Impressionism, and the Avant-Garde) during this period, particularly in relation to Sickert and British art but also within European art as a whole. The module will also explore relevant themes and subjects developed by these movements and will explore a broad range of critical and theoretical texts, written both by Sickert and by a number of key figures during this period.</p>			
Programme module type:	Evening Degree Programme		
Pre-requisite(s):	AH1901, AH2901		
Learning and teaching methods and delivery:	Weekly contact: 1 x 3-hour session: lecture and seminar.		
	Scheduled learning: 65 hours	Guided independent study: 235 hours	
Assessment pattern:	As defined by QAA: Written Examination = 50%, Practical Examination = 0%, Coursework = 50%		
	As used by St Andrews: Coursework (2 Visual Tests (Parts I & Parts II) = 50%, 1 x 3,500 word essay = 35%, 1,500 word Visual Analysis Paper = 15%) = 100%		

AH3902 The Country City and Society in Nineteenth-Century French Art			
SCOTCAT Credits:	30	SCQF Level 9	Semester: 1
Planned timetable:	1 x 3-hour session: lecture and seminar		
<p>This module will examine French Art, Society and Culture as demonstrated through a study of Realist, Impressionist, Post-Impressionist and Avant-Garde paintings c.1840 - c. 1900. In particular it will explore the various social and class themes affecting the notions of City versus Country. It will also explore the variety of contemporary artistic and literary texts paying particular attention to the broad range of critical and theoretical texts, written by key figures, during this period. It will also explore modern critical theories and readings of the works and the period in general.</p>			
Programme module type:	Evening Degree Programme		
Pre-requisite(s):	AH1901, AH2901	Anti-requisite(s):	AH3111
Learning and teaching methods and delivery:	Weekly contact: 1 x 3-hour session: lecture and seminar		
	Scheduled learning: 65 hours	Guided independent study: 235 hours	
Assessment pattern:	As defined by QAA: Written Examination = 50%, Practical Examination = 0%, Coursework = 50%		
	As used by St Andrews: Written Assessment = 100%		

AH3903 The Revival of Greece and Rome: Classicism in Early Modern Europe				
SCOTCAT Credits:	30	SCQF Level 9	Semester:	1
Planned timetable:	1 x 3-hour session: lecture and seminar.			
<p>This module examines the role of Greek and Roman civilisation in shaping the arts and ideas of western culture. The topics expand from the Renaissance to the end of the eighteenth century and consider definitions of the classical, permutations and appropriations of classical forms and ideals, as well as changing attitudes to the classical past. The classical inheritance in terms of both style and iconography is examined in a variety of selected studies drawn across Europe. Artists covered include Donatello, Andrea Mantegna, Raphael, Michelangelo, Gian Lorenzo Bernini, Nicolas Poussin, David, Antonio Canova and many others.</p>				
Programme module type:	Evening Degree Programme			
Pre-requisite(s):	AH1901, AH2901			
Learning and teaching methods and delivery:	Weekly contact: 1 x 3-hour session: lecture and seminar.			
	Scheduled learning: 65 hours		Guided independent study: 235 hours	
Assessment pattern:	As defined by QAA: Written Examination = %, Practical Examination = 0%, Coursework = %			
	As used by St Andrews: Coursework (Visual Test (Parts I & Parts II) = 40%, 1 x 3,500 word essay = 35%, 1 Book Review = 25%) = 100%			

AS1901 The Physical Universe				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	Please Contact Evening Degree Coordinator			
<p>This module presents a descriptive, non-mathematical account of the physical universe. It is divided into two components: concepts in astronomy, dealing with our understandings of the properties and ages of planets, stars, galaxies, and their distributions in space, cosmology and the origin of the Universe; and concepts in physics, dealing with our understandings of the nature of light and matter, the structure of atoms, fundamental particles and their links to cosmology.</p>				
Programme module type:	Optional for the Evening Degree Programme			
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.75-hour session: lectures and/or labs or seminars.			
	Scheduled learning: 38 hours		Guided independent study: 162 hours	
Assessment pattern:	As defined by QAA: Written Examination = 50%, Practical Examination = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examinations = 50%			
Module Co-ordinator:	Dr C A T Brown			
Lecturer(s)/Tutor(s):	Dr C A T Brown and colleagues			

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BL1901 Human Biology			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Planned timetable:	Please Contact Evening Degree Co-ordinator		
Lectures and seminars provide an introduction to the varied fields of study that relate to human biology. The module is structured such that we begin by looking at individual molecules and cells, and then examine how they build together to form integrated systems within our bodies, such as the nervous system and immune system. A wide variety of material is covered, ranging from anatomy, physiology and neuroscience through to digestion, cloning and genetics.			
Programme module type:	Evening Degree Programme		
Pre-requisite(s):	Entry to the Part-time Evening Degree programme	Anti-requisite(s):	BL1004
Learning and teaching methods and delivery:	Weekly contact: 1 x 2 1/2 hour session: lectures and/or seminars.		
	Scheduled learning: 27 hours	Guided independent study: 173 hours	
Assessment pattern:	As defined by QAA: Written Examination = 70%, Practical Examination = 0%, Coursework = 30%		
	As used by St Andrews: Coursework = 30%, Class Tests = 70%		
Module Co-ordinator:	Dr N Minois		
Lecturer(s)/Tutor(s):	Dr N Minois		

BL2901 Environmental Biology			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 2
Planned timetable:	Please Contact Evening Degree Co-ordinator		
Lectures and seminars provide an introduction to environmental and evolutionary topics. Topics include: basic evolutionary theory, and an introduction to the evolution of diversity; animal and plant design, and current patterns of plant and animal diversity; global environments and the biotic challenges they represent: how plants and animals adapt to their environments; current and future environmental problems.			
Programme module type:	Evening Degree Programme		
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session a week: lectures and/or seminars.		
	Scheduled learning: 27 hours	Guided independent study: 173 hours	
Assessment pattern:	As defined by QAA: Written Examination = 50%, Practical Examination = 0%, Coursework = 50%		
	As used by St Andrews: Coursework = 50%, Examination = 50%		
Module Co-ordinator:	Dr I M Matthews		
Lecturer(s)/Tutor(s):	Dr I M Matthews		

EN1901 Reading English				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	Please contact Evening Degree Co-ordinator.			
<p>This module is the First level English module in the Part-time General Degree, to be studied in evening classes. It offers: (i) an introduction to the literary study of poetry, the novel, the literary essay, life-writing and short fiction, (ii) the study of selected poems or groups of poems from the nineteenth and twentieth/twenty-first century, (iii) an introduction to nineteenth-century literature through the study of one short and one longer nineteenth-century novel and a selection of nineteenth-century poems, (iv) an introduction to modern and contemporary literature thorough the study of a modern poem, a modern literary essay, and modern short fiction; and a contemporary novel, a contemporary memoir, and contemporary poetry.</p>				
Programme module type:	Evening Degree Programme			
Pre-requisite(s):	Entry to the Part-time Evening Degree programme			
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session: lecture and seminar.			
	Scheduled learning: 45 hours		Guided independent study: 155 hours	
Assessment pattern:	As defined by QAA: Written Examination = 0%, Practical Examination = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Mr P V Mallett			
Lecturer(s)/Tutor(s):	Mr P V Mallett			

EN2901 Comedy in English Literature				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	Please Contact Evening Degree Co-ordinator			
<p>This module builds on the work of EN1901 (Reading English) to give extended and deeper understanding of major literary texts, in drama, verse and prose, from the sixteenth century to the mid-twentieth century. The focus of the module is on comedy and comic forms of writing. This will include an introduction to theories of comedy and study of techniques of humorous writing. Since comedy is often used to comment on and criticise society, the relationship between writers and texts and the historical and social conditions of their times will also be a theme of the module, with particular reference to gender issues. The authors to be studied will include plays, poems and novels from Shakespeare to the present day.</p>				
Programme module type:	Evening Degree Programme			
Pre-requisite(s):	EN1901	Anti-requisite(s):	EN2002	
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session: lecture and seminar.			
	Scheduled learning: 45 hours		Guided independent study: 155 hours	
Assessment pattern:	As defined by QAA: Written Examination = 0%, Practical Examination = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr C J M MacLachlan			
Lecturer(s)/Tutor(s):	Dr C J M MacLachlan			

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EN3903 The English Poetic Tradition				
SCOTCAT Credits:	30	SCQF Level 9	Semester:	Whole Year
Planned timetable:	To be arranged.			
This module covers aspects of the English poetic tradition from Chaucer to the twentieth century. The emphasis will be on the study of poems and groups of poems, linked by genre, theme or period, rather than the study of single authors, and will build on the study of poetry in the lower level Evening Degree modules EN1901 and EN2901.				
Programme module type:	Evening Degree Programme			
Pre-requisite(s):	EN1901, EN2901	Anti-requisite(s):	Any full-time module in English	
Learning and teaching methods and delivery:	Weekly contact: The module will be taught in a series of fortnightly seminars, usually consisting of an introductory lecture or formal presentation by a member of the School followed by group discussion, in which students will be expected to participate. There will be ty			
	Scheduled learning: 41 hours		Guided independent study: 259 hours	
Assessment pattern:	As defined by QAA: Written Examination = 0%, Practical Examination = 0%, Coursework = 100%			
	As used by St Andrews: Coursework (4 x 2,000 - 2,500 word essays)= 100%			
Module Co-ordinator:	Mr J B Polley			
Lecturer(s)/Tutor(s):	Team taught			

ES1901 Understanding Geology				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	To be arranged.			
This module introduces the student to modern theories of the Earth's formation, how it works and how it has evolved through time. Lectures and practical sessions will cover the study of crystals, minerals, rocks and fossils. The formation of igneous, sedimentary and metamorphic rocks, and of economic mineral deposits, will be considered within the context of Plate Tectonics. The fascinating geology of Scotland will be described and the module culminates with a short field excursion to examine rocks around St Andrews.				
Programme module type:	Evening Degree Programme			
Pre-requisite(s):	Entry to the Part-time Evening Degree programme			
Learning and teaching methods and delivery:	Weekly contact: 1 x 3-hour session: lectures and practicals, plus fieldwork and tutorials			
	Scheduled learning: 39 hours		Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examination = 33%, Practical Examination = 0%, Coursework = 67%			
	As used by St Andrews: Coursework = 67%, 2-hour Examination = 33% Re-Assessment: 2-hour Examination = 100%			
Module Co-ordinator:	Dr R A Batchelor			
Lecturer(s)/Tutor(s):	Dr R A Batchelor			

GG1901 The Earth in Crisis? Understanding Current Global Environmental Issues				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Planned timetable:	To be arranged.			
<p>This module explores the geographical, scientific, social and political dimensions of a range of current environmental issues such as population growth, land degradation, biodiversity, atmospheric and oceanic pollution, anthropogenic climate change, food supply and the exploitation of natural resources, and the implications of these issues for the future of both the global environment and human societies, particularly in the context of sustainable development. The range of issues selected for consideration in any year will be dependent on staff availability.</p>				
Programme module type:	Optional for the Evening Degree Programme.			
Pre-requisite(s):	Entry to the Part-time Evening Degree programme	Anti-requisite(s):	GG1002, GE1901	
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session: lectures and seminars.			
	Scheduled learning: 27 hours		Guided independent study: 173 hours	
Assessment pattern:	As defined by QAA: Written Examination = 0%, Practical Examination = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr P R Cundill			
Lecturer(s)/Tutor(s):	Dr P R Cundill			

IS1901 Information Technology 1				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	Please Contact Evening Degree Co-ordinator			
<p>The module consists of two streams. One is a practical stream featuring commonly used application software for word processing, spreadsheets, presentations and web authoring. Topics covered in this stream will provide a range of transferable skills for use in the effective and efficient production of documents such as essays and CV's, producing and delivering presentations, and evaluating and contributing to the World Wide Web. The other is a conceptual stream aimed at presenting an overview of the place of computers in society with perspectives relating to some of the historical, social and ethical issues that should be considered when using computers in a business, educational or home environment.</p>				
Programme module type:	Optional for the Evening Degree Programme			
Pre-requisite(s):	Entry to the Part-time Evening Degree programme	Anti-requisite(s):	IS1101, IS1102	
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5 hour session: lectures, tutorials, seminars, presentations and supervised practicals, home study, essays and practical work.			
	Scheduled learning: 39 hours		Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	is0900.coord@cs.st-andrews.ac.uk			

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IS2901 Information Technology 2				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	Please Contact Evening Degree Co-ordinator			
<p>We are increasingly reliant on Internet-based services for a variety of routine tasks, for example, searching: Google; e-commerce: Amazon; e-government: Fife Council; travel: Network Rail timetable; management of educational processes: MMS.</p> <p>This module provides insight into the technologies and concepts that are used in the design, construction and deployment of such services. The main practical focus will be on the design and use of databases and advanced authoring, leading to an understanding of their combined use in the production of dynamic websites. This will be complemented by a conceptual stream drawn from areas within Electronic Commerce.</p> <p>No more than 50% of the material in this module will involve working directly with software, to ensure that the module is amenable to home study.</p>				
Programme module type:	Optional for the Evening Degree Programme			
Pre-requisite(s):	IS1901 or Prior Accreditation of Learning or by special permission of the School			
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session: lectures, tutorials, seminars, presentations and supervised practicals.			
	Scheduled learning: 39 hours		Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100% (including class tests)			
Module Co-ordinator:	is0900.coord@cs.st-andrews.ac.uk			

IS3901 Information Technology 3				
SCOTCAT Credits:	30	SCQF Level 9	Semester:	1
Planned timetable:	Please Contact Evening Degree Co-ordinator			
<p>This third-level evening degree module develops the topics introduced in IS2901. It provides a deeper understanding of the technologies and concepts underlying the design and implementation of database-driven web applications and introduces the complementary concepts of information security and usability in the context of interactive web sites. The module consists of 2 streams: practical and conceptual. The practical stream focuses on the use of a scripting language in the creation of dynamic web pages; the conceptual stream draws from selected topics in Information Security, Usability, and Database design theory.</p> <p>No more than 50% of the material in this module will involve working directly with software, to ensure that the module is amenable to home study.</p>				
Programme module type:	Optional for the Evening Degree Programme			
Pre-requisite(s):	IS2901 or Prior Accreditation of Learning or by special permission of the School			
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session per week: lectures, tutorials, seminars, presentations and supervised practicals.			
	Scheduled learning: 39 hours		Guided independent study: 261 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100% (including a class test)			
Module Co-ordinator:	is0900.coord@cs.st-andrews.ac.uk			

MO2901 Europe in the Twentieth Century			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 2
Planned timetable:	Please Contact Evening Degree Co-ordinator		
<p>This survey of twentieth-century history focuses on Europe, but includes relations and involvement with the USA. It is divided into three major themes: the First World War, the Second World War and The Cold War. Students will be assessed in each of these areas. Each weeks class in the form of a lecture followed by a small group tutorial focuses on a specific topic such as the Russian Revolution, Nazi foreign policy or The Sixties. Issues which run through the module as a whole include nationalism, the changing nature of warfare, individuals in history and the role of the masses. Students will be introduced to the events of this period, to historical debate about these events and to the use of primary sources in historical analysis.</p>			
Programme module type:	Evening Degree Programme		
Pre-requisite(s):	Entry to the Part-time Evening Degree Programme	Anti-requisite(s):	MO1003, MO1004
Learning and teaching methods and delivery:	Weekly contact: 1 x 3-hour session (lecture plus tutorial).		
	Scheduled learning: 33 hours	Guided independent study: 167 hours	
Assessment pattern:	As defined by QAA: Written Examination = 0%, Practical Examination = 0%, Coursework = 100%		
	As used by St Andrews: Coursework = 100%		
Module Co-ordinator:	Dr G A M Mitchell		

MO3910 The Reformation in Europe			
SCOTCAT Credits:	30	SCQF Level 9	Semester: Whole Year
Planned timetable:	To be arranged.		
<p>The Protestant Reformation tore Western Europe apart. Between 1517 and 1618, the period covered by this module, the revolutionary ideas of Martin Luther, John Calvin and other leading reformers transformed Europe's religious and political life. This module will examine these ideas, making extensive use of primary sources, and will trace their impact in Germany, Switzerland, France and the Netherlands. As well as focusing on the major reformers, the module will also pay particular attention to devotional life - what religion meant to the populace - and the Reformation's social implications, in particular its impact on marriage and family life.</p>			
Programme module type:	Evening Degree Programme		
Pre-requisite(s):	Will normally have completed SC1901 and MO2901		
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour class per fortnight.		
	Scheduled learning: 12 hours	Guided independent study: 288 hours	
Assessment pattern:	As defined by QAA: Written Examination = 100%, Practical Examination = 0%, Coursework = 0%		
	As used by St Andrews: Coursework = 60%, Written Examination = 40%		
Module Co-ordinator:	Dr B M Heal		
Lecturer(s)/Tutor(s):	Dr B M Heal		

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MT1901 Topics in Contemporary Mathematics				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	To be arranged.			
This module will introduce areas of contemporary mathematics and statistics at a basic level. Topics may include chaos and fractals, the golden ratio, mathematical modelling of populations and analysis of the resulting equations. The statistical component will consider how to graph data, and will introduce probability, odds and betting, basic descriptive statistics and uncertainty and risk. The topics will be illustrated by simple examples and day-to-day situations.				
Programme module type:	Evening Degree programme			
Pre-requisite(s):	Entry to the Evening Degree programme. Basic algebraic manipulation, but not any knowledge of calculus, will be assumed. (Maths Standard Grade (Credit level) or Maths GCSE (Higher tier) would provide sufficient algebraic background.)			
Learning and teaching methods and delivery:	Weekly contact: 1 x 3-hour session a week (lecture plus tutorial).			
	Scheduled learning: 39 hours		Guided independent study: 161 hours	
Assessment pattern:	As defined by QAA: Written Examination = 0%, Practical Examination = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Prof K J Falconer			
Lecturer(s)/Tutor(s):	Prof K J Falconer, Dr A L Haynes, Dr E Rexstad			

MU1901 Understanding Music for Beginners				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	To be arranged.			
This module examines the topics of music history, acoustics, aesthetics and musical theory and analysis. It aims to provide an overview of the history of western art music and a broad appreciation of different ways in which the study of music can be approached in an academic context. During the module students will develop skills in analysis which will allow them to read scores and be able to describe pieces of music in terms of form, structure, texture, timbre and instrumentation. This module has no pre-requisite but a basic knowledge of music notation and theory would be advantageous.				
Programme module type:	Evening Degree Programme			
Pre-requisite(s):	Entry to the Part-time Evening Degree programme			
Learning and teaching methods and delivery:	Weekly contact: 1 x 3-hour session (lecture plus tutorial).			
	Scheduled learning: 37 hours		Guided independent study: 163 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 50%, Practical Examinations = 0%, Coursework = 50%			
	As used by St Andrews: Coursework = 50%, Written Examination = 50%			
Module Co-ordinator:	Mr B Williams			
Lecturer(s)/Tutor(s):	Team taught			

PS1901 Introduction to Psychology				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Planned timetable:	Please Contact Evening Degree Co-ordinator			
This module is designed to introduce the principles of some of the key areas of modern psychology, and to demonstrate that it is a diverse and interdisciplinary science. A major component of the module will involve treatment of the underlying psychological theory and mechanisms. Tutorial and practical sessions will introduce and demonstrate some of the principles and techniques used in psychological research. It will be assumed that entrants have no scientific background or previous knowledge of psychology.				
Programme module type:	Optional for the Evening Degree Programme			
Pre-requisite(s):	Entry to the Part-time Evening Degree programme	Anti-requisite(s):	PS1001 and PS1002	
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session: lectures, practicals and tutorial work.			
	Scheduled learning: 30 hours		Guided independent study: 170 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Mr P L Gardner			
Lecturer(s)/Tutor(s):	Mr P L Gardner			

PS2901 Introduction to Psychology 2				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Planned timetable:	Please Contact Evening Degree Co-ordinator			
This module uses PS1901 as a foundation for a more advanced treatment of key areas of psychology. The aim is to develop a more detailed appreciation of psychological science. A major component of the module involves the study of psychological theories and mechanisms that may operate in everyday life. Practical and tutorial sessions will concentrate on the measurements of psychological effects and theoretical understanding				
Programme module type:	Optional for the Evening Degree Programme			
Pre-requisite(s):	PS1901	Anti-requisite(s):	PS2001 and PS2002	
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session: lectures, practicals and tutorial work.			
	Scheduled learning: 30 hours		Guided independent study: 170 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Mr P L Gardner			
Lecturer(s)/Tutor(s):	Mr P L Gardner			

Evening Degree Programme 2012/13 - August 2012

PS3902 Theoretical Perspectives in Psychology			
SCOTCAT Credits:	30	SCQF Level 9	Semester: 2
Planned timetable:	To be arranged.		
<p>This module will take a theoretical approach to understanding key ideas at the heart of modern psychology. The aim here is to explore in detail several of the theoretical perspectives and approaches used in psychology to describe and explain human behaviour and mental processes. Students will explore how psychology approaches issues such as the nature of consciousness, defining and understanding 'normality' and 'abnormality' (from case studies to populations), the theory of mind, and the impact of evolution on the nature of being human. Current theories and debates will be studied from the perspective of individual staff members, and their research interests, within the School of Psychology. The focus will be on understanding concepts; the module is not intended to provide training in experimental psychology techniques or methodology.</p>			
Programme module type:	Optional for the Evening Degree Programme		
Pre-requisite(s):	PS1901 and PS2901	Anti-requisite(s):	PS3901
Learning and teaching methods and delivery:	Weekly contact: 1 x 3-hour session: lectures and practicals.		
	Scheduled learning: 36 hours	Guided independent study: 264 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	As used by St Andrews: Coursework = 100%		
Module Co-ordinator:	Mr P L Gardner		
Lecturer(s)/Tutor(s):	Mr P L Gardner		

PY1901 Morality and Human Nature			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Academic year:	2012/3		
Availability restrictions:	Available only to students on the Evening Degree Programme		
Planned timetable:	6.30 pm - 9.30 pm Wed.		
<p>This module will address aspects of what it is to be human, and to be a moral agent confronted with particular moral issues in the world. We will consider how aspects of our human nature have a bearing on the nature of moral agency and moral responsibility (e.g. by exploring issues of personal identity and free will), as well as considering some pressing moral problems (such as life-and-death issues like euthanasia and abortion; and issues arising from obligations we have to others - human or nonhuman). This module will provide an useful and stimulating introduction to some of the core questions of philosophy, from metaphysics to ethics.</p>			
Programme module type:	Optional for Evening Degree Programme		
Pre-requisite(s):	Entry to the Part-time Evening Degree programme		
Anti-requisite(s):	PY1103, PY1105, PY1801	Required for:	PY2902
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5 hour session: lectures and tutorials.		
	Scheduled learning: 35 hours	Guided independent study: 165 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	As used by St Andrews: Coursework = 100%		
Module Co-ordinator:	Dr L Jones		
Lecturer(s)/Tutor(s):	Team taught		

PY2902 Knowledge, Mind and Reality				
SCOTCAT Credits:	20	SCQF Level 8	Semester:	2
Academic year:	2012/3			
Availability restrictions:	Available only to students on the Evening Degree Programme			
Planned timetable:	6.30 pm - 9.30 pm Wed.			
This module aims to develop critical understanding of the classical period of metaphysics, epistemology and moral theory. The module will be an introduction to the thought of Hobbes, Descartes, Locke, Berkeley, Hume and Kant, through the study of selected writings. Specific attention will be paid to these philosophers' views of knowledge, thought, personal identity, freedom and the basis of society and morality. Such study remains an indispensable introduction to contemporary philosophy.				
Programme module type:	Optional for Evening Degree Programme			
Pre-requisite(s):	PY1901			
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session: lectures and tutorials			
	Scheduled learning: 35 hours		Guided independent study: 165 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			

SA1901 An Introduction to Anthropology				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Academic year:	2012/3			
Availability restrictions:	Available only to students on the Evening Degree Programme			
Planned timetable:	To be arranged.			
This module aims to introduce evening degree students to the subject of Social Anthropology. It combines an examination of some of the core theoretical debates of the discipline with close reading and analysis of some classic ethnographic texts. Students will learn about anthropological modes of thinking through case studies of particular cultures and societies around the world. They will also be introduced to the anthropological method of research and to some of the historical conditions for the subject's emergence and development over time. By the end of the course students will have a keen sense of what anthropologists do, how they look at the world and what terms of analysis they utilise. They will also have a strong sense of the plurality of cultures in the world and the limits of many aspects of their own society or culture. Anthropologists stress the importance of understanding other ways of life. It is this increased understanding of a shared planet that is the invaluable gift that anthropology has to offer.				
Programme module type:	Evening Degree Programme			
Pre-requisite(s):	Entry to the Part-time Evening Degree programme			
Required for:	SA2901			
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5 hour session: lectures and seminars.			
	Scheduled learning: 27 hours		Guided independent study: 173 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr J P Sarmiento Barletti			
Lecturer(s)/Tutor(s):	Dr J P Sarmiento Barletti			

Evening Degree Programme 2012/13 - August 2012

SA2901 An Anthropological Understanding of Today's World			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 2
Academic year:	2012/3		
Availability restrictions:	Available only to students on the Evening Degree Programme		
Planned timetable:	To be arranged.		
<p>This module investigates ways in which anthropological ideas and approaches can be used to understand the complexities of today's world. This module will situate anthropological works dealing with important themes in current world economic, social and political debates such as development, climate change, and the indigenous people's political movement, within wider past and present frameworks of anthropological thought. We aim to show Evening Degree students the importance of anthropology as a discipline in understanding contemporary social phenomena as well as reinforcing the anthropological understanding and tools they were introduced to in SA1901.</p>			
Programme module type:	Part-time Evening Degree		
Pre-requisite(s):	SA1901		
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session per week: lectures and seminars.		
	Scheduled learning: 27 hours	Guided independent study: 173 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	As used by St Andrews: Coursework = 100%		
Module Co-ordinator:	Dr J P Sarmiento Barletti		
Lecturer(s)/Tutor(s):	Dr J P Sarmiento Barletti		

SC1901 Mediaeval Scotland 1100 - 1513			
SCOTCAT Credits:	20	SCQF Level 7	Semester: 1
Planned timetable:	Please Contact Evening Degree Co-ordinator		
<p>This module offers a view of the emergence and development of Scotland during the mediaeval period, from the rule of the Canmore dynasty until the reign of James IV. Particular emphasis is placed on the themes of national identity, tensions between central government and outlying areas, the development and influence of the Scottish Church and the complex issues of warfare and diplomacy with England and contemporary European powers.</p>			
Programme module type:	Optional for the Evening Degree Programme		
Pre-requisite(s):	Entry to the Part-time Evening Degree programme	Anti-requisite(s):	SC1001, SC2003
Co-requisite(s):		Required for:	
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.5-hour session: lectures and seminars.		
	Scheduled learning: 27 hours	Guided independent study: 173 hours	
Assessment pattern:	As defined by QAA: Written Examination = 30%, Practical Examination = 0%, Coursework = 70%		
	As used by St Andrews: Coursework = 70%, 3-hour Written Examination = 30%		
Module Co-ordinator:	Dr C A McGladdery		
Lecturer(s)/Tutor(s):	Dr C A McGladdery		

SC3901 Castles and Lordship, 1100 - 1550			
SCOTCAT Credits:	30	SCQF Level 9	Semester: Whole Year
Planned timetable:	Please Contact Evening Degree Co-ordinator		
<p>This module examines the evolution of the castle in Scotland from the early earth and timber structures to the great royal fortresses and baronial tower houses, examining their central role in the exercise of magnate power in medieval Scotland. Defensive strongholds in times of strife, national and domestic, the castle was also, perhaps more importantly, a physical manifestation of status, power and prestige for the families who owned them. Some attention will be given to the architecture and uses of the castle, including choice of situation, chief or lesser residences, garrison centres etc., although this course will be concerned, primarily, with the significance of the various strongholds in the hands of influential families and the extent to which their local or national standing was enhanced by the acquisition or construction of such castles.</p>			
Programme module type:	Evening Degree Programme		
Pre-requisite(s):	SC1901 and MO2901	Anti-requisite(s):	
Co-requisite(s):		Required for:	
Learning and teaching methods and delivery:	Weekly contact: 1 x 2.75-hour seminar per fortnight.		
	Scheduled learning: 14 hours	Guided independent study: 286 hours	
Assessment pattern:	As defined by QAA: Written Examination = 40%, Practical Examination = 0%, Coursework = 60%		
	As used by St Andrews: Coursework = 60%, 3-hour Written Examination = 40%		
Module Co-ordinator:	Dr C A McGladdery		
Lecturer(s)/Tutor(s):	Dr C A McGladdery		

Distance Learning Modules

Philosophy

N.B. PY1801, PY1802, PY2801 and PY2801 are available ONLY to distance-learning students or Evening Degree students

PY1801 Ethical Issues (Distance Learning)				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	1
Academic year:	2012/3			
Availability restrictions:	(subject to sufficient student demand)			
Planned timetable:	No traditional classes: e-learning module.			
'Ethical Issues' provides an accessible and comprehensive introduction to the philosophical significance of the most pressing moral problems of today, e.g. euthanasia, world poverty, and the moral status of animals and the environment; as well as a guide to the rival theoretical approaches used to reflect upon these issues: consequentialism, Kantian ethics, virtue theories, and moral skepticism. The module will also address meta-ethical questions concerning the metaphysical and epistemological status of moral claims and judgements (are there moral facts? Is ethical knowledge obtainable?)				
Programme module type:	Distance Learning			
Anti-requisite(s):	PY1901, PY1101, PY1103, PY1105			
Learning and teaching methods and delivery:	Weekly contact: Via Moodle.			
	Scheduled learning: 15 hours		Guided independent study: 185 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr L Jones			

PY1802 Reasoning and Knowledge (by Distance Learning)				
SCOTCAT Credits:	20	SCQF Level 7	Semester:	2
Academic year:	2012/3			
Availability restrictions:	(subject to sufficient student demand)			
Planned timetable:	No traditional classes: e-learning module.			
What should we believe? How should we think? This module provides an introduction to informal modes of reasoning and to philosophical ideas about the differences between good and bad arguments. We will discuss induction and deduction, justification and knowledge, and will study elementary features of logic. The module is an essential foundation for further study in philosophy, and teaches critical and analytic skills central to many other disciplines.				
Programme module type:	Distance Learning			
Anti-requisite(s):	PY1006, PY2902			
Learning and teaching methods and delivery:	Weekly contact: Via Moodle.			
	Scheduled learning: 15 hours		Guided independent study: 185 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Module Co-ordinator:	Dr L Jones			

Distance Learning Modules - 1000 & 2000 Level 2012/13 - August 2012

PY2801 Mind and Reality (by Distance Learning)			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 1
Academic year:	2012/3		
Availability restrictions:	(subject to sufficient student demand)		
Planned timetable:	No traditional classes: e-learning module.		
<p>What am I, and what is reality? Am I part of the scientific, law-governed material world? If so, can I really act freely? How could a material thing be conscious? Am I the same person I was ten years ago? What, fundamentally, are material things and their properties? Can we understand the nature of space and time? Is the human mind capable of proving that God exists? This module will enable students to understand and begin to answer such fundamental metaphysical questions, and to gain valuable skills in reasoning and abstract thought.</p>			
Programme module type:	Distance Learning		
Anti-requisite(s):	PY1005, PY2902		
Learning and teaching methods and delivery:	Weekly contact: Via Moodle.		
	Scheduled learning: 15 hours	Guided independent study: 185 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	As used by St Andrews: Coursework = 100%		
Module Co-ordinator:	Dr L Jones		

PY2802 Modern Philosophy: from Descartes to Kant (by Distance Learning)			
SCOTCAT Credits:	20	SCQF Level 8	Semester: 2
Academic year:	2012/3		
Availability restrictions:	(subject to sufficient student demand)		
Planned timetable:	No traditional classes: e-learning module		
<p>For the purposes of this module, 'modern philosophy' means philosophy written in Europe from Descartes in the mid-seventeenth century to Kant at the end of the 18th century. This was an extraordinary period in the history of western thought, when a variety of brilliant thinkers devoted themselves to working out the philosophical implications of the 'new science'. This generated questions about the extent of human knowledge, about what can be known with certainty, about perception, and about how we acquire knowledge through the senses. There was also renewed interest in morality, its foundation, and its relation to human nature. This module will critically examine the arguments of major philosophers of the modern period, including Descartes, Locke, Berkeley, Hume and Kant.</p>			
Programme module type:	Distance Learning		
Anti-requisite(s):	PY2004, PY2901		
Learning and teaching methods and delivery:	Weekly contact: Via Moodle.		
	Scheduled learning: 15 hours	Guided independent study: 185 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%		
	As used by St Andrews: Coursework = 100%		
Module Co-ordinator:	Dr L Jones		

Sustainable Aquaculture

BL1801 The Global Aquaculture Industry				
SCOTCAT Credits:	5	SCQF Level 7	Semester:	1 & 2 (taught twice)
Academic year:	2012/3			
Planned timetable:	To be arranged.			
The module will introduce the concept and definition of aquaculture and describe the global industry in the main production regions. The module will also consider the concept of sustainability; outlining the major environmental, social and economic factors involved. Major species produced will be defined and grouped in terms of bony fishes (teleosts), shrimp, shellfish, algae and other species. The main issues and challenges relating to the development of sustainability in aquaculture will be introduced and discussed.				
Programme module type:	Compulsory for Certificate in Sustainable Aquaculture			
Learning and teaching methods and delivery:	Weekly contact: 2-hour lectures and 2-hour tutorials each week over 10 weeks.			
Assessment pattern:	As defined by QAA: Written Examinations = %, Practical Examinations = 0%, Coursework = %			
	As used by St Andrews: Coursework = 40%, 2-hour Examination = 60%			
Module Co-ordinator:	Dr N Hazon			

BL2802 Fish and Invertebrate Biology				
SCOTCAT Credits:	5	SCQF Level 8	Semester:	1 & 2 (taught twice)
Academic year:	2012/3			
Planned timetable:	To be arranged.			
This module will address the essential aspects of fish and invertebrate biology including anatomy, physiology and environmental requirements. Subjects studied will include anatomy and physiology of the circulatory, respiratory, nervous, digestive sensory endocrine reproductive systems and life cycle of invertebrate and vertebrate aquaculture species. These parameters will be examined in the context of biological requirements and sustainable aquaculture; production methods and technology, effect of water quality, disease, nutrition and environmental impact.				
Programme module type:	Compulsory for Certificate in Sustainable Aquaculture			
Learning and teaching methods and delivery:	Weekly contact: 2-hour tutorials over 10 weeks.			
Assessment pattern:	As defined by QAA: Written Examinations = %, Practical Examinations = 0%, Coursework = %			
	As used by St Andrews: Coursework = 40%, 2-hour Examination = 60%			
Module Co-ordinator:	Dr N Hazon			

