

POSTGRADUATE STUDY AND RESEARCH

POSTGRADUATE STUDY AND RESEARCH

TABLE OF CONTENTS

A.	GENERAL INFORMATION	6.4
1.	The Graduate Diploma and Taught Postgraduate Degrees	6.4
2.	Modules, Credits and Grades	6.4
3.	Research Degrees	6.4
4.	Postgraduate Prizes	6.5
B.	RESEARCH CENTRES AND INSTITUTES	6.5
	Arché: Centre for the Philosophy of Logic, Language, Mathematics and Mind	6.5
	Centre for Advanced Materials	6.6
	Centre for Biomolecular Sciences (CBMS)	6.6
	Centre for Ethics, Philosophy & Public Affairs	6.7
	Centre for Indigenous American Studies and Exchange	6.7
	Centre for Interdisciplinary Research in Computational Algebra	6.8
	Centre for Public Policy and Management	6.8
	Centre for Research into Ecological and Environmental Modelling	6.9
	Centre for Research into Industry, Enterprise, Finance & the Firm (CRIEFF)	6.10
	Centre for Russian, Soviet, Central & Eastern European Studies	6.10
	Centre for the Study of Ancient Systems of Knowledge (Logos)	6.11
	Centre for the Study of Terrorism and Political Violence	6.11
	Gatty Marine Laboratory	6.11
	Institute for Environmental History	6.12
	Institute of European Cultural Identity Studies	6.12
	Institute for Language and Linguistic Studies	6.13
	Institute for Middle East Studies	6.13
	Institute for Theology, Imagination & the Arts	6.13
	Joint Centre for Scottish Housing Research	6.14
	PharmacoEconomics Research Centre (PERC)	6.14
	Photonics Innovation Centre (PIC)	6.15
	St Andrews Reformation Studies Institute	6.15
	St Andrews Scottish Studies Institute (SASSI)	6.15
	Scottish Institute of Maritime Studies	6.16
	Scottish Writing Centre	6.16
C.	ORDINANCES, RESOLUTIONS AND REGULATIONS	
1.	Ordinances and Resolutions	6.17
2.	Senate Regulations	6.20
	A. Regulations for Research Students and appointment of Research Fellows	6.20
	B. Graduate Diploma and Degrees of Master of Letters, Master of Science, Master of Research and Master of Philosophy	6.21
	C. Doctor of Philosophy	6.26
	D. Doctor of Science	6.29
	E. Doctor of Letters	6.30
D.	POSTGRADUATE DEGREE PROGRAMMES	6.31

A. GENERAL INFORMATION

1. The Graduate Diploma and Taught Postgraduate Degrees

The postgraduate awards which contain a taught element are the Graduate Diploma, the Master of Letters (M.Litt.), the Master of Science (M.Sc.) the Master of Philosophy (M.Phil.) and the Master of Research (M.Res.). The Graduate Diploma is awarded for 120 credits in 5000-level modules in an approved programme. The M.Litt., M.Sc. and M.Res. comprise 120 credits in 5000-level modules in an approved programme plus a dissertation. The M.Phil. comprises 120 credits in 5000-level modules in an approved programme plus a thesis. A student may transfer, subject to conditions, from Graduate Diploma to M.Litt. or M.Sc. (see Regulation III,2) and from the first year of study to the M.Phil. (see Regulation III, 3).

Provision may be made for Part-Time Study in all these Degree and Diploma programmes.

It should be noted that some modules may be taken from outside the approved programme or from outwith the School's provision, but this is subject to permission being granted by the Heads of School concerned.

2. Modules, Credits and Grades

The student's studies for the Graduate Diploma and for the taught element of the M.Litt., M.Sc., M.Phil. and M.Res. are made up of modules. The modules offered at postgraduate level are identified by 5000-level codes, distinguishing them from undergraduate modules at First, Second and Honours levels. For example, EN5001 = School of English, Taught Postgraduate Module, "The Short Story". A module is a self-contained unit of learning and assessment. The period of time over which teaching takes place can vary, but in the majority of modules the teaching occupies a twelve-week block; i.e. together with assessment, a characteristic postgraduate module spans one of the two semesters that form the part of the session designated for teaching. Some modules, however, may be concentrated into a shorter period and others may be taught over the two semesters. The arrangement will be made clear in the descriptor for each module. In most modules, assessment is carried out by two methods: by continuous assessment of course work, and by examination. On the basis of the grades acquired in the continuous assessment of pieces of work or other exercises presented and assessed during the course and those acquired by examination, the examiners determine whether a student has passed the assessment for the module and is, therefore, to be awarded the credits for the module. A student who passes a module will gain the credits, reflecting the workload of the module, and a grade, reflecting the quality of the performance.

Full details of the work required for continuous assessment as well as of assessment procedures and the right of progression will be found in the documentation provided by each School.

A full-time postgraduate student will take modules worth at least 120 credits in total over the year. In each School entry, Programme Requirements are stated; these give the groupings of modules which together form a 'pathway' to the Graduate Diploma and towards the other postgraduate degrees with taught elements.

Students should note that the overall grade required to have right of progression from the taught elements to the dissertation or thesis is not the same as the pass grade.

3. Research Degrees

The postgraduate degrees which are awarded for original research by graduates of any approved university, or students possessing suitable qualifications, are the Master of Philosophy (M.Phil.), the Doctor of Philosophy (Ph.D.) or the Doctor of Languages (D.Lang.) The University also awards degrees for original research which are limited to graduates of the University or members of the University staff. These are the Doctor of Letters (D.Litt.) and the Doctor of Science (D.Sc.)

These Degrees form the subject of this section of the *Calendar*, and detailed requirements for their award are given in *Ordinances, Resolutions and Regulations* below. Further details of the taught postgraduate modules are contained in the separate *Postgraduate Course Catalogue*.

Further information about accommodation, fees, postgraduate scholarships and awards is contained in the *Postgraduate Prospectus* which is freely available upon request from the Postgraduate Office. Further information about academic matters can be found in *A Code of Practice for Supervisors and Students in Taught and Research Postgraduate Programmes*, which is issued to all postgraduate students on arrival.

Enquiries should be addressed in the first instance to the Postgraduate Office, North Street, St Andrews KY16 9AJ.

4. Postgraduate Prizes

THE GRAY PRIZE (£200)-Awarded annually in each of the Colleges of the University to a postgraduate student submitting a paper on their research or an aspect of their research. This paper should provide evidence of the quality of research and idea of motivations, methods and intended ends in such a way as to be accessible to a non-specialist. There may additionally be up to two runner-up prizes of £50 each.

GRAY PRIZE (£300)-Awarded annually for the best essay by a student in turn from each of the areas of study in the Divinity curriculum. Essays must be given in to the Head of the School of Divinity not later than 1st June. In the year 2001-2002 the subject is “The Origins of Apocalyptic Eschatology and of the Literary Genre ‘Apocalypse’.”

ARTHUR MAITLAND PRIZE (£140)-Awarded to the postgraduate student in Physics who has made the most outstanding, original contribution to research in that academic discipline during the previous year.

SAMUEL RUTHERFORD PRIZE (£500)-Awarded to the student who has presented the most distinguished thesis in English Literature, Scottish History, Church History or Theology.

DR E.S. STEELE PRIZE -Awarded to a meritorious student in the School of Chemistry, who has obtained a postgraduate studentship in St Andrews. The prize is intended to permit him/her to spend a period abroad in a foreign laboratory.

DR E.S. STEELE STUDENTSHIP PRIZE-Awarded from time to time to a meritorious student in Chemistry who is a graduate of the University of St Andrews who wishes to pursue postgraduate study in the University.

B. RESEARCH CENTRES AND INSTITUTES

In addition to the academic Schools, the University finds it convenient to emphasise certain research groupings within and between Schools. When a grouping is concerned only with research collaboration, it is described as a Centre. When, in addition, the grouping provides also undergraduate and postgraduate teaching, it is described as an Institute.

The **patrons** of each Centre or Institute are the Heads of Schools providing the **director** and **members** who are permanent employees of the University. Associated, extramural members may be designated as **fellows** when they are actively involved in the research or teaching sponsored by the Centre or Institute.

Arché: Centre for the Philosophy of Logic, Language, Mathematics and Mind

<i>Patron:</i>	Head of School of Philosophical and Anthropological Studies
<i>Director:</i>	Professor C. Wright, Leverhulme Research Professor
<i>Deputy Director:</i>	Dr. F. MacBride
<i>Fellows:</i>	Professor G. Priest, Professor S. Shapiro, Professor R. Hale
<i>Postdoctoral Fellow:</i>	to be appointed
<i>Website:</i>	http://www.st-and.ac.uk/academic/philosophy/arche

Arché (the ancient Greek for ‘first principle’ or ‘fundamental premise’) is a research centre within the School of Philosophical and Anthropological Studies. Its goal is the promotion and publication of research of the highest quality in formal and philosophical logic, philosophy of language, philosophy of mathematics and philosophy of mind. The activities of the Centre include an active Fellowship Programme, including Professorial, Postdoctoral and Visiting Fellows; a dedicated seminar meeting once-weekly as a forum for the research in the relevant areas of philosophy of Fellows of the Centre, St Andrews staff and Ph.D. students; regular one-day workshops and an annual international conference are held on one of the main subject areas of the Centre. Arché will be active in providing publication outlets for those working under its aegis, including avenues for publishing its conference proceedings.

The University of St Andrews is internationally recognised as a leading location for a number of specialist philosophical research programmes. For example:

- (i) within the philosophy of mathematics: The development of neo-logicist foundations for the fundamental theories of classical mathematics, and the critical comparison of this approach with contemporary structuralist trends; the ontology of mathematics; the philosophical basis of constructivist mathematics, and the adequacy of constructive mathematics for contemporary physical science;
- (ii) within the philosophy of mind: Wittgenstein’s later philosophy of mind, the status of ordinary ‘common-sense’ psychology, and the problem of self-knowledge;
- (iii) within the theory of knowledge: Cartesian scepticism and its modern treatment; internalist and externalist approaches to content and to knowledge;
- (iv) within the philosophy of language: philosophical issues associated with vagueness and natural language, the Sorites paradox, and the proper logic of indeterminacy; the metaphysics of meaning, Quinean and Kripkean paradoxes, and the thought of the later Wittgenstein about rule-following;
- (v) within metaphysics: The interpretation of the debate between realists and anti-realists indifferent regions of discourse, the debate between deflationist and substantialist conceptions of truth, and the issues to do with response-dependence and the Euthyphro Contrast.

Postgraduate Study

Centre for Advanced Materials

Patrons: Heads of the School of Chemistry, School of Geography and Geosciences and the School of Physics & Astronomy
Director: Professor J.T.S. Irvine
Members: *School of Chemistry* - Dr C.J. Baddeley, Professor P.G. Bruce, Dr M. Buck, Professor D.J. Cole-Hamilton, Dr P. Lightfoot, Dr W.C. Mackrodt, Dr R.E. Morris, Professor N.V. Richardson, Professor C.A. Vincent, Dr P.A. Wright, Dr W. Zhou
School of Geography and Geoscience - Dr C.H. Donaldson, Dr. A.A. Finch, Dr W.E. Stephens, Dr J. Walden,
School of Physics & Astronomy - Mr J.G.M. Armitage, Professor S.L. Lee (Associate Director), Professor A.P. Mackenzie, Professor P.C. Riedi, Dr D.P. Tunstall

Materials Science is the study of the interplay of the structural and functional properties of strategically relevant solids. The vital importance of materials research is evident: there is an insatiable demand by consumers, and by industry, for increasingly novel and improved devices (eg batteries, magnetic recording media, liquid crystal displays, catalysts etc) and hence for the novel and improved materials upon which those devices must be based. Indeed the recent UK Technology Foresight Exercise has emphasised the importance of materials research and development to wealth creation and the quality of life. Modern materials research increasingly addresses problems which require a wide range of complementary techniques and skills which span the traditional, yet wholly artificial, boundary between solid state Physics and Chemistry. Indeed the most effective materials research is generally found where this boundary has been broken down by a close collaboration between Solid State Scientists engendered by the sharing of facilities and resources. Against this background, the University of St Andrews established the Centre for Advanced Materials (STACAM) in October 1995. The Centre is now a vibrant research grouping which brings together Chemists, Geoscientists and Physicists with internationally acknowledged expertise in the synthesis, structural and physical characterisation and exploitation of novel materials relevant to the fields of energy (batteries and fuel cells), catalysis, magnetic materials and superconductivity. The Centre's laboratories are well equipped for solid state research with facilities valued in excess of £5M. A new Facility for the characterisation of solids has recently been completed. The suite of equipment includes state-of-the-art single crystal and four powder X-ray diffractometers, 200keV transmission electron microscopes, a scanning electron microscope, electron microprobe analysis, a 500 MHz magic angle spinning NMR, an extensive suite of 12 argon filled glove boxes for handling and studying air sensitive materials, furnaces up to 2,500C, high pressure synthesis up to 3GPa/2000C, DTA/TGA dilatometer and DSC facilities, extensive dc and ac electrical and electrochemical characterisation facilities. Recently a surface science capability has been established in St. Andrews providing a broad range of facilities for the characterisation of surfaces and surface processes including state-of-the-art electron energy loss spectroscopy (resolution <2meV), X-ray photoelectron spectroscopy (XPS), Fourier transform infrared (FTIR) spectroscopy (coupled to a UHV chamber) and including small spot ATR capabilities and a variable temperature scanning tunnelling microscope. Facilities also include a SQUID magnetometer, an ac susceptometer, a vibrating sample magnetometer, a nanotorque magnetometer, a state-of-the-art ultra high frequency/high field ESR spectrometer and broad band NMR spectrometers, which operate over a wide range of cryogenic temperatures and, in some cases, a range of pressures. In addition, members of the Centre make extensive use of international central facilities for neutron, muon and x-ray beam studies, such as the Institut Laue Langevin (Grenoble), ESRF (Grenoble), ISIS (Rutherford Appleton Laboratory), PSI (Zurich), Studsvik (Sweden) and the SRS (Daresbury). The research activity of the Centre for Advanced Materials has been supported over the period 1995-present by research grants, exceeding £15 M, from external sources.

Centre for Biomolecular Sciences (CBMS)

Patrons: Heads of the School of Biology and the School of Chemistry
Director: Professor G. L. Taylor
Members: Dr N.P. Botting, Professor A.M. Davies, Dr R. Field, Dr R. Griffiths, Professor R.T. Hay, Dr W.J. Ingledew, Dr G.D. Kemp, Professor J.H. Naismith, Dr R.R. Ramsay, Dr R.E. Randall, Dr M.D. Ryan
Research Fellows: Dr C.H. Botting, Dr H. Connaris, Dr R.J.M. Russell, Dr C.T. Weller
Website: <http://cbms.st-and.ac.uk>

The Centre for Biomolecular Sciences (CBMS) was established in 1994 to bring together biologists and chemists whose research centred on the understanding of the molecular basis of life. Biomolecular sciences are at an exciting point in their development: soon the complete sequence of the human genome will be known. This sequence of 3 billion nucleotides contains the instructions for the production of around 100,000 different proteins, the majority of which remain to have their functions determined. In addition, the genomes of many pathogenic bacteria and parasites are emerging, which are providing the starting point for the identification of new drug targets.

To gain a full understanding of the role of proteins in life processes, requires a breadth of expertise from molecular and cell biology through to biological chemistry. The CBMS brings together this expertise, underpinned by a range of techniques: molecular biology, transgenics, protein characterisation by a variety of spectroscopic methods, protein crystallography, NMR and synthetic chemistry.

The CBMS is centred around the new four-storey, £9M, University-funded Biomolecular Sciences Building, built as an extension to the Purdie Building. This striking building provides a first class research environment housing both biologists and chemists in a collaborative research atmosphere. Members of the Centre have research grants totalling around £6M from a variety of government, charitable and industrial sources. Research focuses on understanding the development of the nervous system, control of gene expression, infection, immunity and structural biology. These studies are providing both a fundamental understanding of, and in some cases the development of novel drugs for, a range of diseases such as cancer, neurodegenerative diseases, bacterial, viral and parasite infections.

In summary, the CBMS provides first class facilities for interdisciplinary research in Biomolecular Sciences. The recent grant success of members of the Centre, together with major investment from the University, has provided state-of-the-art equipment. The Centre is therefore able to offer strong support of research fellows and postgraduates who wish to take advantage of the facilities and collaborative environment.

Centre for Ethics, Philosophy and Public Affairs

<i>Patron:</i>	Head of School of Philosophical and Anthropological Studies
<i>Director:</i>	Dr D. Archard
<i>Deputy Director:</i>	Dr J. Timmerman
<i>Centre Fellows:</i>	Professor J.J. Haldane; Professor J.M. Skorupski
<i>Associate Fellows:</i>	Professor J. Broome (Oxford); Professor A. Duff (Stirling)
<i>Fellows:</i>	Up to four Visiting Fellows by appointment each year
<i>Website:</i>	http://www.st-and.ac.uk/academic/philosophy/CENTRE/centre_intro.html

The Centre for Ethics, Philosophy and Public Affairs was instituted in 2001 and grew out of the Centre for Philosophy and Public Affairs which was established in 1984. The Centre maintains a programme of research projects, seminars, academic visits, fellowships and conferences, and also provides a forum for public discussion both within and without the University. Its field of interest comprises ethics, social and political philosophy as well as the ethical and philosophical dimensions of public affairs. Nationally and internationally acknowledged, its many activities are largely supported by independent external funding.

The Centre maintains a programme of three annual Visiting Fellowships and its principal public event is the annual Sir Malcolm Knox Memorial Lecture which is one of the most distinguished of its kind. Lecturers to date are Lord Quinton, John Rawls, Ronald Dworkin, Alasdair MacIntyre, Neil MacCormick, Sir Anthony Kenny, Bernard Williams, Baroness Warnock, G. A. Cohen, Onora O'Neill, Charles Taylor, Roger Scruton, Richard Rorty, Martha Nussbaum, Derek Parfit, Jeremy Waldron, and Joseph Raz (2001). The Centre also organises the Cook Memorial Lectures, the fourth series of which were delivered in 1998, and the Philosophy and Policy Lecture. Contributors to the latter series have been Lord Alton and Frank Field, M.P.

Among the publications of the Centre are *Philosophy in Higher Education* (1988), the series *Environmental Philosophy* (1990) (co-published with the Nature Conservancy Council), *Education, Values and Culture* (the 1992 Cook Lectures), *Values and Values Education* (1993), *Education, Values and the State* (the 1994 Cook Lectures), *Values, Education and Responsibility* (1995), *Values, Education and Religion* (the 1996 Cook Lectures) and *Values, Education and Science* (the 1998 Cook Lectures).

Centre for Indigenous American Studies and Exchange

<i>Patron:</i>	Head of School of Philosophical and Anthropological Studies
<i>Director:</i>	Professor J. Overing
<i>Members:</i>	Dr D. Archard (Moral Philosophy), Dr D. Clayton (Geography), Dr. M. Bolton, Dr L. Crickmay (Social Anthropology), Dr R. Dilley (Social Anthropology), Dr W. Fowler (Spanish), Dr T. Platt (Social Anthropology), Professor N. Rapport (Social Anthropology), Dr D. Riches (Social Anthropology), Dr G. San Román (Spanish), Professor J. Skorupski (Moral Philosophy)
<i>Research Fellows:</i>	C. Ales, G. Araoz, Dr. J. Chiappino, S. Grant, M. Bolton, A. Castro de Oliveira, A. Neves de Oliveira, C. McClulich, D. Menell, A. Oliveira de Castro, Dr. P. Santilli, Dr. M. Teixeira Pinto, G. Werlang
<i>Fellows:</i>	Dr D. Arnold, Dr E. Belaunde, J. de Dios Yapita, Dr R. Ellis, Dr N. Farage, Dr M. A. Goncalves, Dr. S. Hugh-Jones, Dr P. Gow, Dr S. Kidd, DR. E. Lagrou, Dr. C. Londono Sulkin, Professor R. de Meneses Bastos, Dr. P. Oldham, Dr A. Passes, Dr. G. Paulli, Professor P. Riviere.
<i>Website:</i>	http://www.st-and.ac.uk/academic/anthropology/CIASE/CIASEhomepage.html

Postgraduate Study

The Centre for Indigenous American Studies is an internationally based research Centre, with a large number of postgraduate students and post-doctoral researchers. The academic emphasis of the Centre is the gaining of an understanding of indigenous people's social philosophies and their cultural expression, in thought, language and practice, of their aesthetics of community life. It has an international reputation as the only Centre in Britain to focus on indigenous peoples of the Americas. The Centre draws upon relevant interdisciplinary expertise within the University and whilst its emphasis is on Amazonian and Andean studies, courses in American colonial history, Nineteenth-century Mexican history, Twentieth-century Latin American Literature and Latin American Identity may also be available.

Diploma/M.Litt. Taught Conversion Courses in Social Anthropology and Amerindian Studies are available within the Centre. Students who successfully complete the M.Litt. have the possibility of continuing with M.Phil. and Ph.D. research degrees.

Centre for Interdisciplinary Research in Computational Algebra

<i>Patrons:</i>	Head of the School of Computer Science, Head of the School of Mathematics and Statistics
<i>Director:</i>	Dr S.A. Linton
<i>Associate Director:</i>	Professor E. F. Robertson
<i>Members:</i>	Dr C.M. Campbell, Dr J.J. O'Connor, Professor E.F. Robertson, Dr N. Ruskuc
<i>Website:</i>	http://www-circa.mcs.st-and.ac.uk/CIRCA

The Centre was established in 2000 to foster new and existing collaborative research between members of the Schools of Computer Science and of Mathematics and Statistics in the area of computational abstract algebra. The Centre undertakes mathematical research with computer assistance, develops new techniques for computation in abstract algebra and develops and distributes software implementing these techniques. This work is supported by research grants from the EPSRC, the Leverhulme Trust, the British Council, the European Commission and the Royal Society of Edinburgh. The Centre also organises conferences, seminars and training courses and coordinates the international efforts to develop maintain and promote the GAP (groups, algorithms and programming) software package, a leading integrated system for computational discrete mathematics and algebra.

Centre for Public Policy and Management

<i>Patron:</i>	Head of School of Social Science
<i>Directors:</i>	Professor H.T.O. Davies and Dr S. Nutley
<i>Members:</i>	Professor A. McKinlay, Dr M. Dibben, Dr R. Rushmer, Dr M. Tavakoli, Dr E. Burt (Department of Management)
<i>Affiliate Members:</i>	Professor P. C. Smith, Dr R. Mannion (University of York), Professor M. Marshall (University of Manchester), Professor T. Rundall (University of California at Berkley)
<i>Research Fellows:</i>	Two to be appointed in September 2001
<i>Website:</i>	http://www.st-and.ac.uk/academic/management/cppm/cppm-front-page.htm

The central mission of the recently established Centre for Public Policy and Management (CPPM) is threefold:

1. To contribute to the intellectual and practical debates on public policy and management, in the UK and internationally, through high quality research and scholarship.
2. To foster synergies in this area by providing a focus and supportive resources for present academic staff, externally supported researchers, visiting fellows, and postgraduate research students.
3. To consolidate the reputation St Andrews already enjoys in this field by wide dissemination of scholarly enquiry through publication, conferences, seminars, colloquia and visiting lectures.

A number of externally funded research projects are already underway. The Centre is concerned to explore, research, debate and communicate on a number of key themes, which are of great import in the development of effective and efficient public services:

- **Evidence-Based Policy & Practice (EBP&P):** The current vogue for 'third-way' policies (as promised by many European centre-left parties) places a high premium on the role of evidence in shaping public policy and driving professional practice. The interest lies not only in producing evidence of what works in public services (which policy directions? what interventions? what organisational structures? what management strategies?), but also in ensuring that attention is paid to such evidence in service development. Within the Centre a new ERSC funded **Research Unit for Research Utilisation (RURU)** has been established. This Unit is part of the UK wide ESRC Network for Evidence-Based Policy and Practice. RURU provides a focus for the UK research community in exploring how research evidence impacts (or not) on policy and practice. It produces conceptual reviews to improve the utilisation of research and is developing a research infrastructure in support of this agenda. This area supports three funded PhD students.

- **Performance Measurement & Management (PM&M):** Recent decades have seen an explosion of measuring and monitoring of public services (another essential string to the third-way bow). Again this is a rich research agenda which contains such questions as: what needs to be measured and how? can comparative measures contribute to public accountability and public policy? how can such measures be harnessed for service development? Four funded PhD students are active in this area.
- **Accountability & Governance (A&G):** Declining confidence in government and the professions has led to increasing demands for more effective governance of public services and more tangible accountability. The growth of audit, league tables of performance, accreditation, monitoring and scrutiny all attest to a new and more transparent environment for public policy and the delivery of public services. Exploration of new accountability and governance relationships, and most especially a consideration of the importance of trust in these relationships, is a significant part of the role of the new Centre. ESRC funding for seminars and Nuffield Trust funding for a joint US-UK project has been secured.
- **Organisational Cultures & Service Quality (OC&SQ):** All of the above themes speak to issues of public service quality. Thus this final theme seeks to find holistic ways of binding these service improvement strategies into coherent accounts utilising ideas of 'organisational culture'.

The Centre provides a forum for rigorous academic and policy relevant debate. It is in the process of establishing a regular series of seminars, colloquia and visiting lectures. Alongside traditional modes of dissemination and interaction, the Centre is developing a website and electronic discussion forum to broaden and enrich debates on public policy and management.

Centre for Research into Ecological and Environmental Modelling

<i>Patrons:</i>	Head of the School of Mathematics and Statistics and the Institute of Environmental and Evolutionary Biology
<i>Director:</i>	Professor S.T. Buckland
<i>Members:</i>	<i>School of Mathematics and Statistics</i> - Dr D.L. Borchers, Professor D.G. Dritschel, Professor K.J. Falconer, Dr S.N. Wood <i>Institute of Environmental and Evolutionary Biology</i> - Dr P.S. Hammond, Professor J. Harwood, Professor I.A. Johnston, Professor A.E. Magurran
<i>Research Fellows:</i>	Dr M.L. Burt, Dr E.D. Clarke, Dr V. Demianov, Mr N. Kösters, Mr M.E. Lonergan, Dr C.G.M. Paxton, Dr D. Stahl, Dr L.J. Thomas, Dr J. Travis
<i>Fellows:</i>	None
<i>Website:</i>	http://www.creem.st-andrews.ac.uk/

As knowledge of ecological and environmental processes expands, there is an ever-growing need for complex models which correctly account for sources of uncertainty. The Centre for Research into Ecological and Environmental Modelling (CREEM) was established with a common conceptual focus of embedding models of biological processes within a rigorous inferential framework. The approach is directly applicable to problems at all levels from molecules to the biosphere. Modelling such complex systems requires a highly-coordinated, interactive team working at the interface between mathematics, statistics and biology.

CREEM's goal is to develop reliable and robust methodologies for ecological and environmental prediction, and for environmental risk assessment. Two factors make this particularly challenging:

- * Natural systems often display non-linear dynamics, are relatively complex, and are driven by random events. Data from such systems are difficult to model usefully using conventional statistical approaches employing models chosen primarily for statistical tractability.
- * Environmental data are frequently sparse and noisy, while information on the processes that produce the data is often incomplete.

As a result, predictions based on either purely deterministic models (which serve so well in the physical sciences), or on purely empirical statistical models, are likely to be seriously compromised. Our solution is to use the methodologies of statistics and non-linear dynamics to combine scientific knowledge (and our uncertainty about this) with empirical data in a single, integrated framework. To do this we must address three methodological questions:

- How can we replace models chosen for their statistical convenience with mechanistic models of ecological and environmental processes, and still take account of uncertainty?
- How do we take account of our imperfect knowledge of these processes?
- To what extent is it possible to reduce the dimension of a mechanistic process model while still maintaining predictive power? For example, when must we build explicitly spatial models to take account of spatial heterogeneity or strictly individual-based models to account for individual variation?

Postgraduate Study

Recent improvements in computer power and computer-intensive statistics along with novel modelling strategies emerging from the applied and pure mathematics communities make it practicable to address these problems. With further development, they will allow modellers to take realistic account of uncertainty at all levels. At the same time recent advances in data acquisition and analysis techniques now make it possible to provide the large quantities of high quality information that can directly reduce the problems associated with sparseness and noisiness when using data to test models and predict.

Many of the members of CREEM have already used these approaches in their own research, and the primary motivation in creating the Centre was to provide an environment in which a synthesis of modern statistical inference and prediction, improved mechanistic process modelling and novel data gathering methods can be applied to a wide range of environmental and ecological problems. Within CREEM, there are research groups on wildlife population assessment, modelling ecological dynamics, conservation science, climate and ocean modelling, fractals, marine mammals and the environment, and the ecological significance of muscle cell dynamics.

Centre for Research into Industry, Enterprise, Finance and the Firm (CRIEFF)

<i>Patron:</i>	Head of School of Social Sciences
<i>Director:</i>	Professor G.C. Reid
<i>Members:</i>	Professor J.A. Beath, Professor F.R. FitzRoy, Professor C. Jensen-Butler, Professor J. Thomas, Dr M.M.A. La Manna, Dr G.S. Shea
<i>Research Fellow:</i>	Dr G. Pech (May Wong Smith Fellow)
<i>Website:</i>	http://www.st-and.ac.uk/institutes/crieff/CRIEFF.html

CRIEFF was established within the Economics Department in 1991 to foster rigorous research in the economics of industry and to provide a general focus for research in the department. The research agenda focuses on mainstream industrial organisation and finance, and specific research areas include R & D and technological diffusion, the organisational theory of the firm, the economics of entrepreneurship and small firms, issues pertaining to developing economies, the environmental consequences of firms' activities, micro-modelling of the firm for macroeconomic purposes, multinational firms, the economics of the single European market, the economics of competition and copyright laws, marketisation and privatisation. Recently work conducted within CRIEFF includes projects on venture capital, quality of patenting, quality of working life, speculative bubbles, entrepreneurship; a Leverhulme funded project on life cycle effects in new small firms; CIMA funded projects on management information systems in SMEs and risk appraisal by investors in high technology new ventures; and a British Academy funded project on small firm flexibility. Current sponsored work includes a Carnegie Trust funded project on risk management in high technology firms, and an Enterprise Ireland funded project on strategies for performance in long lived small firms. Other areas of interest include parties, voting and the selection of tax policies.

CRIEFF encourages collaborative activities with other research organisations and provides facilities for academic visitors and co-workers in industrial economics. Academic visitors in 2001-2 will include Dr Julia Smith (Cardiff University Business School), and Bernadette Power (University College, Cork). CRIEFF produces a regular series of discussion papers, a listing of which is available on the web site.

Centre for Russian, Soviet, Central and Eastern European Studies

<i>Patron:</i>	Head of School of Modern Languages
<i>Director:</i>	Dr R. Fawn (International Relations)
<i>Members:</i>	Dr J.P. Anderson (International Relations), Dr C. Beedham (German), Dr A.H. Dawson (Geography), Mr J.G. Devereux (Language Teaching Services), Dr A.R. Hippiusley (Russian), Dr J.C. Howard (Art History), Dr R.J. Keys (Russian), Professor C.A. Lodder (Art History), Dr A.P. McElligott (Modern History), Professor J. I. Press (Russian) Dr S.M. Pugh (Russian), Dr M.P. Vysny (Modern History)
<i>Fellows:</i>	Professor R.F. Christian (Russian), Mr J. Sullivan (Russian), Professor A.F. Upton (Modern History)
<i>Website:</i>	http://www.st-and.ac.uk/institutes/crscees/

The Centre for Russian, Soviet, Central and Eastern European Studies was formed early in 1990 to bring together specialists in this field within the University and to encourage research up to and including Ph.D. It consists of members of staff and students with an interest in the field from the departments of Art History, Geography, German, International Relations, Modern History, Russian and the Language Teaching Services. The Centre organises regular conferences and public lectures and has constructed a package of modules towards the Graduate Diploma, M.Litt. and M.Phil. in Central and East European Studies. Doctoral students are assigned to the individual Schools and Departments.

The Centre for the Study of Ancient Systems of Knowledge (Logos)

<i>Patron:</i>	Head of School of Greek, Latin and Ancient History
<i>Director:</i>	Professor Greg Woolf
<i>Members:</i>	Academic Staff of the School of Greek, Latin and Ancient History
<i>Associate Members:</i>	Professor S.J. Broadie (Philosophy), Professor P.F. Esler (Divinity), Professor N.J. Rengger (Social Sciences), Dr. N.P. Rhodes (English)

This new Centre received Senate approval during session 2000-2001 and will begin its activities in 2001-2002. It brings together members of the School of Greek, Latin and Ancient History with colleagues from the Schools of Divinity, English, Philosophy and Social Studies. In 2001-2002 the Centre will be visited by Professor Kai Brodersen (Mannheim) and Professor Niall Slater (Emory).

The focus of the Centre's activities are the variety of systems of knowledge by which Greeks and Romans organised their understanding and description of the world. Members of the Centre have expertise in scientific and religious knowledge, in legal, mathematical aesthetic and philosophical modes of thought and in historiographical and hermeneutic traditions of writing. A special focus of common interest is the means by which writing and the production of texts were employed to create elaborate intellectual systems in antiquity. Alongside our philological concerns with texts of this kind, we are also committed to situating these systems of knowledge in relation to systems of power. Some of us are currently at work on projects explicitly exploring the relationships between ancient imperialisms and ancient thought. Others are engaged on research on complex philosophical and quasi-philosophical texts. The Centre is designed to foster closer collaboration between these activities, and sponsor new initiatives.

Centre for the Study of Terrorism and Political Violence

<i>Patron:</i>	Head of School of Social Sciences
<i>Director:</i>	Professor P. Wilkinson
<i>Honorary Fellows:</i>	Mr Carl Bildt, UN Special Envoy to the Balkans Mr Jayantha Dhanapala, UN Under-Secretary General for Disarmament Affairs
<i>Deputy Director:</i>	Dr M. Ranstorp
<i>Senior Research Associates:</i>	Dr Oliver Richmond, Dr Rohan Gunaratna
<i>Website:</i>	http://www.st-and.ac.uk/academic/intrel/research/csttp

The Centre is concerned not only with the study of terrorism and related forms of political violence, but with other non-traditional modes of international conflict including various manifestations of inter-communal ethnic strife, multi-national peace keeping and peace enforcement, and the grey area between political conflict and criminal activity. Its major goals are to: investigate the roots of political violence; develop a body of theory spanning its various and disparate elements; and recommend policy and organisational initiatives that the government and private sector might adopt to better predict, detect, and respond to the threats and challenges of the post-cold war era.

On-going work in the field of the study of terrorism and related subjects includes: the changing role of violent sub-state groups in recent and current peace processes; the relationship between insurgency and terrorism; why certain groups reject conventional participation in democratic politics; trends in political violence in the Middle East; and European cooperation against terrorism and its implications for human rights. The Centre holds conferences and seminars and contributes extensively to postgraduate teaching and research supervision in the international security studies and defence studies programmes

Gatty Marine Laboratory

<i>Patron:</i>	Head of School of Biology
<i>Director:</i>	Professor Ian A. Johnston
<i>Members:</i>	Professor I. Boyd (SMRU), Dr. A. Brierley, Professor M. Fedak (SMRU), Dr P.S. Hammond (SMRU), Professor J. Harwood (SMRU), Dr N. Hazon, Professor D.M. Paterson, Dr V.J. Smith, Professor C.D. Todd
<i>SMRU Scientific staff:</i>	Dr E. Bryant, Mr C. Duck, Dr A. Hall, Mr P. Lovell, Mr B. McConnell, Dr T. Martin, Dr P. Pomeroy, Dr P. Record, Mr D. Thompson, Dr M. Walton
<i>Honorary Fellows:</i>	Dr A. Clare, Dr V. Vieira and Professor A. Clarke
<i>Website:</i>	http://www.st-and.ac.uk/institutes/gatty/

In 1884 the St Andrews Fisheries Laboratory opened with financial support from the Fishery Board for Scotland. The first Director was Professor W. C. McIntosh F.R.S., at that time Professor of Natural History in the University. In 1896 Charles Henry Gatty donated the sum of £2000 to the University to establish a permanent marine laboratory for research into marine biology. The laboratory, which was named in his honour, has continued to prosper for over 100 years and celebrated its Centenary in 1996.

Postgraduate Study

The Gatty is currently run as a central facility of the School of Biology but also provides a focus for marine research throughout the University. The laboratory provides specialised facilities for research and for the teaching of undergraduate and postgraduate students. Research strengths include studies of marine mammals, fish physiology, invertebrate and fish immunology, marine ecology and the biological and transport properties of muds and sediments. The laboratory has one of the most extensive marine aquariums in the UK with an exceptionally good seawater supply. A small research vessel is operated for the collection of specimens locally. In 1996 the Sea Mammal Research Unit (SMRU) of the Natural Environment Research Council transferred from Cambridge to the University of St Andrews. A four storey extension to the laboratory was opened in September 1998 doubling its previous size. This major new investment by the University in marine biology contains state-of-the-art laboratories and a facility for experimental studies on seals which includes a 40 m pool. Seals can be held in the facility for short periods before being released into the wild. SMRU fulfils NERC's statutory responsibility under the Conservation of Seals Act, and carries out world-wide studies on the biology and conservation of marine mammals including whales. Several Gatty staff are also members of the Centre for Research into Ecological and Environmental Modeling (CREEM) and there are strong collaborative research links with staff in the School of Mathematical and Statistics.

The Gatty also hosts a new M.Res. degree (Environmental Biology Conversion Course for Mathematical & Physical Scientists) which is jointly taught by the Schools of Biology, Mathematics and Management at St Andrews and the School of Life Sciences at the University of Dundee.

Institute for Environmental History

<i>Patron:</i>	Head of School of History
<i>Director:</i>	Dr J. F. M. Clark
<i>Members:</i>	Professor T. C. Smout, Dr E. Pascua
<i>Research Fellows:</i>	Dr R. A. Lambert, Dr J. Thorne, Mr T. Dawson
<i>Associates:</i>	Dr C.J.M. Martin, Dr C.R. Warren, Professor R.M.M. Crawford
<i>Honorary Fellows:</i>	Dr O. Lindquist
<i>Address for Correspondence:</i>	St John's House, South Street, St Andrews
<i>Website:</i>	http://www.st-and.ac.uk/institutes/envhist/

The Institute, founded in 1992, is an interdisciplinary concern, involving historians, archaeologists, geographers, geologists, botanists and zoologists, devoted to furthering research into the history of the environment. It operates as an integral part of the Centre for Environmental History and Policy, based at the Universities of St Andrews and Stirling. The Institute/Centre actively promotes conferences and seminars in St Andrews and elsewhere including, in collaboration with Scottish Natural Heritage, at Battleby near Perth. Past and present research includes woodland history; coastal archaeology in Scotland; the history of waste and pollution; landscape perceptions; and species history. To date, research has attracted funding from SHEFC, the ESRC, the Forestry Commission, Historic Scotland, and the Leverhulme Trust. Encompassing medieval and modern history, survey and specialist undergraduate courses are offered by members of the School of History. The M.Litt. programme draws on talent from English, Geography, History, and Social Sciences. Ph.D. students are accepted by arrangement. Enquiries welcome.

Institute of European Cultural Identity Studies

<i>Patron:</i>	Head of School of Modern Languages
<i>Director:</i>	Professor P. P- D. Gifford
<i>Management Committee:</i>	Professor H. Chambers (German), Mr R. Ferguson (Italian), Dr W.M. Fowler (Spanish), Dr R. Keys (Russian), Dr L. Milne (French)
<i>Members:</i>	25
<i>Fellows:</i>	None
<i>Website:</i>	http://www.st-and.ac.uk/academic/modlangs/cultidintro.html

The Institute, founded in 1998, was set up to provide a centre for the study of collective identities and cultural change. The main identities studied are those represented, expressed and modelled in the national languages of the countries of Europe (including Britain). We also refer comparatively to other culture-zones, including Latin America and French-speaking countries of Africa and the West Indies. This study embraces not only the actual 'personalities' formed by particular national or ethnic groups at various times in their history, but also the 'poetics' of cultural identity as such i.e. the principles (such as language, ethnicity, religion, 'others', nationhood, supra-nationality) and genetic processes (traditions, myths, icons, interperceptions, ideologies, projects, memories etc) that go into the making of the very diverse representational constructs by which given culture groups remember, explore, criticise and renew their sense of collective selfhood. In a period of intensive change, we aim to provide a focus and a forum for high-level, research-led study of all aspects of cultural identity. This involves interdisciplinary exchanges with cognate research Centres and Institutes (Linguistics, East European Studies, Philosophy, Social Anthropology, Scottish Studies, History, Art History, International Relations, Social Anthropology, Social Thought, Divinity). Activities consist of Seminar series, Colloquia, Conferences, Public Lecture series (such as '2000 Years'). There is an M.Litt. programme in Cultural Identity Studies. The Institute has research links with the history-based, Brussels-funded network 'Les Identités européennes (Paris 1). Selected proceedings appear in 'Forum for Modern Language Studies'.

Institute for Language and Linguistic Studies

Patron: Head of School of Modern Languages
Director: Professor R. A. Lodge
Members: Dr C. Beedham (German), Dr K. Anipa (Spanish)
 Professor J.I. Press (Russian), Dr S.M. Pugh (Russian)
Fellows: None
Website: <http://www.st-and.ac.uk/academic/modlangs/saills/>

The Institute was set up in 1996 to create in St Andrews a centre of excellence in language studies which will (a) act as a stimulus to innovative research in this area, building up a strong network of linguists in St Andrews, based in the School of Modern Languages, and drawing on all relevant expertise available within the University, (b) act as a channel of communication between linguists and language-teachers. The Institute currently has 25 members and its activities include a seminar programme involving distinguished outside speakers, weekly lunchtime meetings to discuss personal research in progress, colloquia organised periodically to handle particular topics, and a postgraduate programme: first-year postgraduate taught modules (as part-fulfilment of an M.Litt. degree), catering especially for the interests of Modern Language students.

Institute for Middle East Studies

Patron: Head of School of History
Director: Professor H. Kennedy
Members: Dr J. Ashtiany Bray (Arabic), Mrs C. Cobham (Arabic), Dr D. Cobham (Economics),
 Dr J.R. Davila (Divinity), Professor R. Hinnebusch (International Relations),
 Dr R. Kimber (Arabic), Dr M. Ranstorp (International Relations),
 Professor P. Wilkinson (International Relations)
Fellows: None
Address for Correspondence: Department of Mediaeval History
Website: <http://www.st-and.ac.uk/institutes/mideast/Institute.html>

The Institute was formed during the academic year 1993-94 to provide a focus for postgraduate teaching and research work in the Middle Eastern Studies in the University. The major research interests include the history of the Near East c.600 to c.1000 AD and the international relations and economics of the contemporary Middle East. Activities of the Institute will include the holding and publishing of specialist conferences in the history and economics of the area.

Institute for Theology, Imagination and the Arts

Patron: Head of School of Divinity
Director: Professor Trevor Hart
Associate Director: Dr Jeremy Begbie
Fellows: Dr Steven Guthrie
Website: www.st-and.ac.uk/academic/divinity

The imagination has traditionally been treated with a considerable degree of suspicion within the academy (as the weaver of fictions and falsehoods, regularly viewed as an obstacle to, and even an adversary of, intellectual rigour and the pursuit of truth). There has, though, been a considerable renewal of interest in it in recent decades. Authoritative studies of the theme issuing from various intellectual disciplines have reminded us that imagination, reason and experience ought never to have been disentangled and polarised, but are interwoven in any human engagement with the world at many different levels. Recognition of the implications of this has already produced theological studies focused variously on hermeneutics, ritual and symbol, language and literature, and such human dispositions as hope and faith. The pervasive role of imagination in the human world means, however, that all this but scratches the surface of a vital task and a vast resource. Theology, in its attempt to offer a responsible account of what it means to be human in God's world, must take full account and respond to this re-evaluation of the imagination as a basic component of our shared humanity.

This applies to the artistic imagination, as much as anything else. There is every reason to suppose that the arts are playing an increasingly significant role in the way people come to terms with the world. The importance of the arts in forming the identity of Christianity in the West needs little demonstration: the arts have long been recognised as powerful theological interpreters. Along with many other religious movements today, Christianity has

Postgraduate Study

been caught up in what some commentators call the ‘aestheticisation’ of our culture. Christians, along with advertisers, technologists, educators and media professionals are investing heavily in film, video, drama, music, and other art-forms. At the same time, artists of many types are showing an increasing fascination in broadly religious or theological themes. However, inquiry reveals that there is relatively little sustained research at an academic level which addresses both the ways in which the arts in the contemporary world do and can function to deepen faith and the implications of this for the advancement of theology. On the other hand, as with the wider theme of imagination, in recent years there have been signs of increasing interest in the theology-arts interface. A spate of publications and courses in many educational institutions, especially in the United States, has established this field as one of fast-growing intellectual concern.

Through the work of its staff, students, and visiting fellows, and through regular seminars, colloquia, workshops and conferences, the Institute has as its overall aim the advancement and enrichment of theological reflection through an engagement with the imagination and the arts. Within this overall aim it will pursue the following objectives:

- To explore the potential of the roles and products of imagination and the arts as transfiguring forces in human life.
- To establish a forum for inter-disciplinary discussion of imagination and the arts within the academy.
- To engage critically and constructively with attitudes toward imagination and the arts within contemporary culture.
- To promote and practice imaginative and creative modes of theological reflection and inquiry.
- To facilitate practice-based research and reflection within a theological frame by artists and others whose professional training involves a disciplined and deliberate use of the imagination.
- To facilitate engagement between practitioners in different art forms.
- To provide a network for those in any academic field whose research interests entail consideration of the nature and contributions of human imagining.

Joint Centre for Scottish Housing Research

<i>Patrons:</i>	Head of School of Geography & Geosciences (University of St Andrews); Head of School of Town & Regional Planning (University of Dundee)
<i>Directors:</i>	Dr J.M. Doherty (St Andrews), Mr. W.M. Edgar (Dundee)
<i>Fellows:</i>	Dr. Henk Meert (Katholieke Universiteit, Leuven, Belgium)
<i>Research Assistants:</i>	Dr. Alison Sandeman, Mr. James Brown, Mr. Graham Harrison
<i>Website:</i>	http://www.st-and.ac.uk/academic/gg/jcshr2.html

Established in 1990, the Joint Centre for Scottish Housing Research (JCSHR) is a joint initiative between the School of Geography & Geosciences at the University of St Andrews and the School of Town and Regional Planning at the University of Dundee. The Centre was established to facilitate inter-institutional and cross-disciplinary co-operation in research on the Scottish and other housing markets. Specifically, the aims of the Centre are to engage in policy relevant research both independently and in conjunction with public sector and voluntary sector housing agencies. The research interests of the Centre focus on the role of housing associations, housing affordability, homelessness, housing and community care. The Directors of the Centre are the research co-ordinators for the European Observatory on Homelessness (funded by DG for Employment and Social Affairs).

PharmacoEconomics Research Centre (PERC)

<i>Patron:</i>	Head of School of Social Sciences
<i>Director:</i>	Dr M. Tavakoli
<i>Associate Director:</i>	Professor H.T.O. Davies
<i>Honorary Readers & Senior Research Fellows:</i>	Dr J. Dunbar, Mr A. Pelc, Dr R.J. Phillips, Mr J. Goddard, Dr D Nathwani Ms E. Watt
<i>Research Fellows:</i>	Mr M. Zabihollah
<i>Website:</i>	http://www.st-and.ac.uk/academic/management/index_perc.htm

The Centre was established in 1992, formalising an informal tri-partite collaborative arrangement between the universities of St Andrews and Dundee and Tayside Health Board, which had started in 1986. PharmacoEconomics is an inter-disciplinary area, which requires expertise in Health Economics, Health Care Management, Pharmacology, Epidemiology, Pharmacy, Psychology and other branches of medicine and the social sciences. The Centre is also part of the MRC funded centre for Health Services research (CHeSeR), together with the universities of Dundee, Bristol, York and Aberdeen. The aim of PERC is to maintain its leading position as an internationally recognised organisation providing multidisciplinary research to address technical, medical, and economic analysis of pharmaceutical and other health technology products. PERC organises regular conferences for academics and professionals with similar interests. The list of the research interests of the centre’s members, and an annual report on publications and other activities of the centre can be obtained from the Website above.

Photonics Innovation Centre (PIC)

Patrons: Head of School of Physics and Astronomy
Director: Professor M. H. Dunn, Professor W. Sibbett
Members: Dr C. F. Rae, Mr D. R. Walker, Mr S. R. King, Mrs. B. J. Broadley
Research Fellows: Mr. T. J. Edwards
Website: www.st-andrews.ac.uk/institutes/pic

Based within the University's School of Physics and Astronomy, the Photonics Innovation Centre is a revolutionary incubator for research development. The Centre, formulated in response to the Technology Foresight Initiative and which has received funding in excess of £1M from the Scottish Higher Education Funding Council, the University of St Andrews and Scottish Enterprise, creates a bridge between academia and industry. By so doing, it will enhance technology transfer from fundamental research into emergent applications and subsequent successful commercialisation.

The availability of reliable and optimised versions of new devices is often a prerequisite for their successful exploitation, particularly when the lead-time in new technologies is often very short. Through collaborations with industrial partners and other in-house ventures, the Centre enables application specific prototype devices, based on the world-leading activities of the research groups in St Andrews, to be designed, constructed and fully tested. Projects may be funded through contracts from industry and other research establishments or jointly through schemes such as LINK, TCS and SMART. Also, through these collaborations, the Centre provides an opportunity for the effective exchange of information, and new strategic research aligned with the future identified needs of industry.

Opened by inventor of the Clockwork Radio, Trevor Baylis, OBE, in April 1999, the Centre comprises 250-m² of fully equipped and serviced space including; 5 Development Laboratories, a class-1000 Clean Room, Office and Administration areas.

St Andrews Reformation Studies Institute

Patron: Head of School of History
Director: Professor A.D.M. Pettegree
Members: Dr J. Ashcroft, Mrs C. Gascoigne, Dr B. Gordon, Dr R. Johnston Gordon, Professor J. Guy, Dr R. Mason, Dr P. Nelles
Fellows: Professor J. Cameron, Dr P. Maxwell-Stuart, Professor C. Brown (Visiting Professor)
Website: <http://www.st-and.ac.uk/institutes/reformation/rsiew.htm>

The St Andrews Reformation Studies Institute, operating from within the School of History, acts as a focus for advanced work in the Reformation field. With its established group of Faculty members, research students and students on taught postgraduate courses, St Andrews now boasts one of the largest concentrations of scholars active in this field in any European university. The Institute offers both a Ph.D. programme in Reformation History, and the M.Litt. in Reformation Studies, a one year taught course. This may be taken either as an independent entity, or as a training degree for doctoral work. In addition the Institute sponsors a regular graduate seminar, conferences and visits from distinguished outside academics. It also provides the editorial board for the St Andrews Studies in Reformation History, a monograph series published by Ashgate Publishing. Doctoral theses successfully completed by Ph.D. students registered in the Institute are automatically considered for inclusion in the series.

For further information, contact Professor A.D.M. Pettegree, Director, St Andrews Reformation Studies Institute, 69 South Street, St Andrews, Fife KY16 9AL, Scotland. Tel. 01334-462903.
E-mail: refinst@st-and.ac.uk.

St Andrews Scottish Studies Institute

Patrons: Heads of School of English, School of History, School of Art History
Director: Professor D.E. Dunn
Members: Dr D. Allan (Scottish History), Professor K.M. Brown (Scottish History), Professor R. Crawford (English), Ms K. Jamie (English), Dr C.J.M. MacLachlan (English), Dr R.A. Mason (Scottish History), Dr T.A. Normand (Art History)
Website: <http://www.st-andrews.ac.uk/institutes/sassi/>

Launched in 1993, the St Andrews Scottish Studies Institute (SASSI) is a research-led teaching institute which draws on expertise from Scottish History, English, Art History and Mediaeval History to further these subjects and

Postgraduate Study

to nurture interdisciplinary perspectives on Scottish topics. The Institute offers, through the School of English, coordinated interdisciplinary degree programmes in Scottish Studies based around SASSI core modules and other modules dealing with Scottish history, literature and art. SASSI's undergraduate degree is the first in Scotland to present students with the opportunity to follow a coherent, interdisciplinary course of this nature. SASSI offers postgraduate students a one-year taught M.Litt. in Scottish Studies as well as the opportunity to take an M.Phil. or Ph.D. in Scottish Studies. SASSI arranges public and specialist seminars addressed by speakers from other academic and national institutions. The Institute has developed links with other universities with Scottish Studies interests.

SASSI is editorial headquarters of the international and interdisciplinary journal *Scottish Studies Review*. Fundamental to SASSI's work is its research. Scholars of the University of St Andrews have played an important part in the development of the study of Scottish art, history and literature. SASSI builds on these strengths by bringing together within Scotland's oldest university a team of poets and scholars who are active and innovative researchers. Part of the Institute's remit is to develop agenda-setting research in Scottish Studies, not least through attracting post-doctoral and doctoral research fellowships. Anyone interested in participating in this work, whether through study or through sponsorship of study, should write to Professor Douglas Dunn, Director, St Andrews Scottish Studies Institute, The University, St Andrews, Fife KY16 9AL.

Scottish Institute of Maritime Studies

<i>Patron:</i>	Head of School of History
<i>Director:</i>	Dr R.G.W. Prescott
<i>Members:</i>	Mr M. L. Dean, Mr M. Lawrence, Mr S. Liscoe, Dr C.J.M. Martin, Mr I. Oxley
<i>Research Fellows:</i>	Ms D. Groom, Ms A. Wood
<i>Website:</i>	http://www.st-and.ac.uk/institutes/sims/sims.html

The Scottish Institute of Maritime Studies was established at St Andrews in 1983 to further interdisciplinary research into the archaeology, ethnology, and history of humankind's relationship with the sea. It continues the work of the former Institute of Maritime Archaeology, now complemented and reinforced by other disciplines and interests within and outside the University. Research areas include the archaeology of shipwrecks; the investigation and recording of vernacular craft; the study of maritime communities, artefacts, and industries; and the operation of North Sea trade. Emphasis is placed on field study, and the Institute has facilities for aerial, terrestrial, and underwater work. The associated skills of survey, excavation, photography, line illustration and the preparation of material for publication are available within the Institute, and instruction in these techniques can be provided.

The Institute provides opportunities for graduate teaching and research, and is the base of the Archaeological Diving Unit (ADU) which, under contract to the Department of National Heritage, operates in support of historic wreck legislation throughout UK territorial waters. The Institute is currently conducting research aimed at developing a national policy on the preservation of historic ships, under the aegis of the UK National Historic Ships Committee.

Scottish Writing Centre

<i>Patron:</i>	Head of the School of English
<i>Director:</i>	Professor R. Crawford
<i>Members:</i>	Members of the Schools of English at the Universities of Glasgow, St Andrews and Strathclyde
<i>Website:</i>	http://www.st-andrews.ac.uk/~www_se/swc.html

Launched in November 2000, the Scottish Writing Centre exists to develop the production and teaching of creative writing, as well as to encourage contact between writers inside and outside academia. It is a national collaborative venture led by the universities of Glasgow, St Andrews, and Strathclyde, with bases in each institution's School of English. During its first year it has developed a programme of public events ranging from one-day symposia on literary translation and on the question 'Did Shakespeare study Creative Writing?' to readings and workshops featuring such writers as John Burnside, Robert Crawford, Douglas Dunn, Kathleen Jamie, Liz Lochhead, Edwin Morgan, Paul Muldoon, Don Paterson, and Marina Warner. The Scottish Writing Centre is already working with partner organizations such as the Scottish Poetry Library and the Goethe Institute, and aims to develop further creative partnerships to the benefit of the writing community in Scotland.

C. ORDINANCES, RESOLUTIONS AND REGULATIONS

1. ORDINANCES AND RESOLUTIONS

I. REGULATIONS FOR RESEARCH STUDENTS AND APPOINTMENT OF RESEARCH FELLOWS

Ordinance 350 of the University Courts of the Universities of St Andrews, Glasgow, Aberdeen and Edinburgh

(General No. 12) approved by Her Majesty in Council, 12th September 1960, with effect from 1st October 1960, and Supplementary Regulations by the Senatus Academicus

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

RESEARCH STUDENTS

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

RESEARCH FELLOWS

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

GENERAL

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

II. AWARD OF POSTGRADUATE DIPLOMAS AND DEGREES

Resolution of the University Court, 2000 No. 2

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

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

Postgraduate Study

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

Resolution of the University Court, 1974, No.3

1. The Degree of Doctor of Science (D.Sc.) may be conferred by the University of St Andrews.
2. The Senatus Academicus, with the approval of the University Court, may from time to time make regulations on any matters for giving effect to this Resolution: provided always that all such regulations shall be communicated to the General Council before receiving the approval of the University Court and any representations made thereon by the General Council within one calendar month of such communication shall be taken into consideration by the University Court before the regulations are finally approved.
3. Candidates who have satisfied the Senatus that they have attained the necessary standard, who have paid the fees required, and who have satisfied the other requirements of this Resolution and any regulation made thereunder, shall be entitled to receive the Degree of Doctor of Science.
4. From the date on which this Resolution comes into force Part III of the Ordinance No.338 (St Andrews No.51) shall be revoked.
5. This Resolution shall come into effect on 1st October 1974.

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

Ordinance No. 6, 1959

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

1. The Degree of Doctor of Letters (D.Litt.) may be conferred by each of the Scottish Universities.
2. Graduates of any of the Scottish Universities may offer themselves for the Degree of D.Litt. in that University after the expiry of seven years from the date of their first graduation therein.
3. Any persons who hold such office or offices in each of the said Universities as the Senatus may approve who are not already graduates of the University in which they hold such post or appointment may offer themselves for the Degree of Doctor of Letters in the University in which they hold office, after the expiry of four years' continuous tenure of one or more of these offices, posts or appointments, provided always that not less than seven years shall have elapsed from the date of their first graduation in any University.
4. A candidate for the Degree of D.Litt. shall present a published work or works accompanied by a signed declaration that he or she is the author thereof.
5. The Senatus shall appoint such professors, readers or lecturers in the University as it may think suitable to examine the work or works submitted by a candidate for the Degree and the University Court shall, after consultation with the Senatus Academicus, appoint an additional examiner or examiners to act along with them. Such additional examiner or examiners shall be of recognised eminence in the subject of the work or works presented by the candidate. The candidate shall be awarded the degree only if, in the opinion of the Senatus, on the recommendation of these examiners, the body of work shall be held to constitute an original and substantial contribution to humane learning.
6. The fee to be paid for examination for the degree shall be such sum as may from time to time be determined by the University Courts of the four Universities. Notwithstanding the provisions of the following Ordinances made by the respective University Courts, namely:-
No.158 (St Andrews No.35-Fees for Matriculation and Entrance)
No.160 (Glasgow No.41-Fee for Matriculation)
No.197 (Aberdeen No.37-Fee for Matriculation)
No.156 (Edinburgh No.51-Fee for Matriculation)
or of any other Ordinances, candidates for examination or graduation shall not be required to pay a matriculation fee.

Ordinances and Resolutions

[The fee to be paid for Degree of Doctor of Letters shall be payable when the candidate presents his or her work or works to the Senatus Academicus.]

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

2. SENATE REGULATIONS

A. REGULATIONS FOR RESEARCH STUDENTS AND APPOINTMENT OF RESEARCH FELLOWS

I Interpretation

1. In these Regulations, the following expressions shall have the meanings hereby assigned to them:-
 - "Teaching, Learning and Assessment Committee" means the "Teaching, Learning and Assessment Committee or the standing committee to which it may delegate the responsibility";
 - "Dean of Faculty" means the "Dean of the relevant Faculty or such other Faculty Officer to whom the responsibility has been delegated";
 - "Head of School" means the "Head of School or director of research institute or such other member of school or institute to whom the responsibility has been delegated".
 - "M.Litt". means "Master of Letters"
 - "M.Phil." means "Master of Philosophy"
 - "M.Res." means "Master of Research"
 - "M.Sc." means "Master of Science"
 - "D.Lang." means "Doctor of Languages"
 - "Ph.D." means "Doctor of Philosophy"

II Admission

1. Applicants for admission to postgraduate study must make written application to the Postgraduate Admissions Office for consideration by the relevant School stating:-
 - A. the nature of the academic or equivalent qualifications which they already possess;
 - B. the nature of the research they wish to pursue;
 - C. the names of at least two individuals who will be prepared to comment on their suitability as research students.
2. On receipt of the application the Head of School must be satisfied that:-
 - A. the applicant is suitably qualified;
 - B. the research can be carried out effectively with the facilities available in the University or in exceptional circumstances in any institution approved by the Dean of Faculty;
 - C. a professor, reader or lecturer in the University, or in exceptional circumstances some other properly qualified person, is prepared to supervise the work OR that adequate and appropriate supervision can be provided.

The Head of School may recommend admission of applicants, who satisfy conditions A.-C., to the Postgraduate Admissions Office; The Dean of Faculty has overall responsibility to monitor the management of postgraduate study.
3. Admitted applicants will normally be full-time students although those in full-time employment may not be so registered except with the written permission of their employer. Members of staff of the University may be permitted to register full-time if they can satisfy the Business Committee of that Faculty that: -
 - A. where they are funded from external sources, these bodies have given their permission;
 - B. the work on which they are engaged as full-time employees of the University is of sufficient scope and originality as to be appropriate for study as part of a higher degree;
 - C. the level and character of supervision offered to the member of staff is in no way incompatible with that normally associated with study for a higher degree.

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

4. Overseas students whose first language is not English must provide evidence of competence in written and spoken English as well as meeting the other entrance requirements. A satisfactory result in a recognised test

of English language competence, e.g. British Council E.L.T.S. or T.O.E.F.L. is acceptable. This test should be taken in the student's home country. If a student is admitted who does not have satisfactory scores, she/he is required to attend, and to attain a satisfactory standard in, a course in St Andrews in language, study skills and cultural orientation before the session begins.

5. Every research student shall be required to matriculate and pay the appropriate fee. All fees are subject to annual revision and the revised fees will apply to all students.

III Student Progress

1. All postgraduate students and supervisors are required to conduct their research and supervision in accordance with the requirements of the University's Code of Practice for the Supervision of Research Students.
2. All postgraduate students are required to undertake postgraduate study or training as is laid down by the Teaching, Learning and Assessment Committee and by the Head of School in which they undertake their research.
3. All postgraduate students will undergo a review conducted by the Head of School to determine whether progress is satisfactory and to determine the course of subsequent registration. This review will normally be conducted after six months (one year in the case of part-time students) and no later than twelve months after the initial date of matriculation as a research student. The Head of School will report to the appropriate Faculty Business Committee the result of the review and will recommend registration for the degree of Ph.D., or D.Lang., or M.Phil., or M. Litt., or M. Res., or M.Sc., or for the Graduate Diploma, as appropriate.
4. A postgraduate student shall have the right of appeal against a decision made at the review under 3, above. A committee appointed by the Senatus Academicus shall hear the appeal and report to the Senatus which will then determine the course of registration.

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

I Interpretation

1. In these Regulations, the following expressions shall have the meanings hereby assigned to them: -
 - "Teaching, Learning and Assessment Committee" means the "Teaching, Learning and Assessment Committee or the standing Committee to which it may delegate the responsibility";
 - "Dean of Faculty" means the "Dean of the relevant Faculty or such other Faculty Officer to whom the responsibility has been delegated";
 - "Head of School" for the "Head of School or director of research institute or such other member of school or institute to whom the responsibility has been delegated".
 - "M.Litt." means "Master of Letters"
 - "M.Sc." means "Master of Science"
 - "M.Phil." means "Master of Philosophy"
 - "M.Res." means "Master of Research"
 - "Taught degree Programme" for "programme of study for the award of Graduate Diploma, M.Litt., M.Sc., M.Phil."

II Graduate Diplomas and Postgraduate Degrees with a Taught Element

1. A candidate who has, over a period of not more than one year for a full-time student, and two years for a part-time student:-
 - A. gained 120 credits in an approved Programme; and
 - B. satisfied the Committee of Examiners for that Programme; and
 - C. satisfied the fee requirements,shall be awarded the Graduate Diploma.
2. A candidate who has:-
 - A. gained 120 credits in an approved Programme over a period of not more than one year for a full-time student and two years for a part-time student, submitted a dissertation, and satisfied the Committee of Examiners in the assessments for that Programme and in the dissertation; and

Postgraduate Study

- B. satisfied the fee requirements,
shall be awarded the degree of M.Litt. or M.Sc. or M.Res., as appropriate.
- 3. A candidate who has:-
 - A. gained 120 credits in an approved Programme over a period of not more than one year for a full-time student and two years for a part-time student and satisfied the Committee of Examiners in the assessment for the Programme; and
 - B. submitted a thesis completed during a further period of twelve months (or its equivalent for a part-time student); and
 - C. satisfied the fee requirements,
shall, if the thesis is approved, be awarded the degree of M.Phil.

III Admission

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

IV Full-time and Part-time Study

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

V Nature and Duration of the Graduate Diploma Programme

1. The Senatus Academicus, on the recommendation of the Teaching, Learning and Assessment Committee, shall prescribe the subjects in which taught Programmes may be offered.

2. Each Graduate Diploma Programme shall last for not less than nine months and not more than twelve months for full-time students, and not less than twenty-one months and no more than twenty-four months for applicants admitted as part-time students.
3. Each Graduate Diploma Programme shall consist of modules worth at least 120 credits.
4. The Teaching, Learning and Assessment Committee shall approve, for each Programme, the modules which are available to students on that Programme and, for each module, the method of assessment and the credits to be awarded to a student who gains a pass grade in that module.
5. The assessment for a module shall be by examination, by continuous assessment of course work, or by a combination of both.
6. Details of each student's modules shall, within three months of the commencement of the course, be submitted for the approval of the Faculty Business Committee; no student may repeat any module, nor part of a module, previously taken for another degree.
7. The Head of School shall appoint a person to supervise the student's studies, to whom the student shall report at least monthly and on such other occasions as the supervisor may require. In exceptional circumstances, the Head of School may appoint an additional supervisor from within or outwith the University. Where a student requires to study for a period outwith St Andrews, the Faculty Business Committee shall appoint an additional external supervisor. Nominations of supervisors and changes of supervisors must be reported to the Dean of Faculty.
8. Candidates whose progress is deemed by the Head of School to be unsatisfactory may be required by the Faculty Business Committee to discontinue their studies at any time of the year. Students who fail to satisfy the requirements of a module by failure to submit work within stipulated deadlines and after due warning, or who have been absent from the teaching of a module for 3 continuous weeks, shall, save in exceptional circumstances and with the permission of the Associate or Pro Dean of the relevant Faculty, have forfeited the right to continue to attend the module, and shall have their studies discontinued.
9. All students shall matriculate in each year of study, and shall commence their studies no later than two weeks after the beginning of the Programme.

VI Registration

1. A student's progress shall be reviewed at the end of the first semester of study, and any recommendation for re-registration by the supervisor in consultation with the Head of School shall be made to the Dean of Faculty. At the same time or as soon as possible thereafter, the supervisor shall register with the Dean of Faculty the topic of the dissertation for candidates for the degree of M.Litt. or M.Sc. or M.Res..

VII Examinations

1. Each candidate shall be examined by a Board of Examiners, consisting of the professors, readers and lecturers who conduct the Programme and such external examiner(s) as the Teaching, Learning and Assessment Committee may appoint.
2. Having completed all the work of a module, candidates shall complete the assessment for the module by the end of the diet of examinations held at the end of the semester in which teaching for the module ceases.
3. If a candidate fails to complete the assessment for a module through illness or other good cause, the Board of Examiners may arrange such special examinations outside the normal diet and/or examine such submitted work as they deem necessary.
4. Where a student fails the assessment for a module, the Board of Examiners may offer a re-assessment, the exact form of which must be approved by the External Examiner.
5. A written report, signed by the Board of Examiners, on each candidate who completes the Graduate Diploma Programme shall be submitted to the Dean of Faculty and shall recommend that:-
 - A. in the case of a candidate for the Graduate Diploma either:
 - i. the Graduate Diploma be awarded; or
 - ii. the candidate be allowed to re-register for either the degree of M.Litt., M.Sc., M.Phil. or M.Res.; or
 - iii. the candidate not having achieved the required standard, the Graduate Diploma not be awarded.

Postgraduate Study

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

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

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

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

1. The dissertation shall be submitted not later than twelve months from the date of the commencement of the Programme or the equivalent for part-time students. Exceptionally a candidate may be permitted a further period of three months in which to submit the dissertation.
2. The dissertation shall be written in English, unless the Faculty Business Committee has given special permission for another language to be used, and shall not exceed 15,000 words.
3. The dissertation shall be prefaced with a declaration that it has been composed by the candidate, that the work of which it is a record has been done by the candidate alone, and that it has not been accepted in any previous application for any degree.
4. Two copies of the dissertation shall be submitted and shall be typed and stapled or bound but shall not be required to be deposited in the University Library. One copy may, however, be retained in the School.
5. The dissertation shall be examined by at least two examiners one of whom shall be an external examiner appointed by the Teaching, Learning and Assessment Committee.
6. The Board of Examiners shall, on the basis of the written report of the examiners for the taught class examination and of their assessment of the dissertation and, if applicable, any oral examination required, recommend to the Senatus Academicus, through the Faculty Business Committee, either:-
 - A. that the degree of M.Litt. or M.Sc. or M.Res. be awarded; or
 - B. that, in the event of the Dissertation not reaching the required standard, the Graduate Diploma be awardedThe Board of Examiners may recommend the award of the degree with Distinction in relation to the whole or the dissertation or the taught component.
7. A candidate who has been permitted to proceed to the dissertation element of the M.Litt. or M.Sc. or M.Res. but does not submit the dissertation may apply to the Senatus Academicus for the award of the Graduate Diploma.

IX Thesis for M.Phil.

1. The thesis shall be submitted not later than the end of the second year of study, or the equivalent period for a part-time student. Exceptionally a candidate may be permitted a further period of six months within which to submit the thesis.
2. The topic of the thesis shall be registered with the Dean of Faculty not later than the start of the session following the satisfactory completion of the Graduate Diploma Programme. Candidates admitted direct to the second year of study shall register their topic within three months of matriculation.
3. The thesis shall be written in English unless the Faculty Business Committee has given special permission for another language to be used.
4. The normal maximum length of the thesis will be 40,000 words, excluding bibliography.
5. Three complete copies of the thesis shall be submitted in typescript and in secure but temporary binding. There shall be an adequate margin on each page. After the examination has been completed two copies shall be bound in an approved style at the candidate's expense and shall be deposited in the University Library. The third copy of the dissertation shall be returned to the candidate.

6. An abstract (not exceeding 300 words in length) of the thesis shall be submitted for the approval of the examiners. In the case of a thesis written in a foreign language there shall be a summary in English of between 1,000 and 3,000 words, in addition to an abstract in English. The abstract (and, where appropriate, the summary) shall be bound in with the thesis.
7. In exceptional circumstances the Faculty Business Committee may give permission for the thesis to be presented in a different medium.
8. The introduction to the thesis shall be prefaced by:-
 - A. a declaration that the thesis has been composed by the candidate, that the work of which it is a record has been done by that candidate, and that it has not been accepted in any previous application for any degree;
 - B. a statement of the date of the candidate's admission as a research student;
 - C. a statement by the supervisor that the Regulations have been fulfilled; and
 - D. a statement that either access to the thesis in the University Library shall be unrestricted or that with the approval of the Faculty Business Committee access shall be restricted under stated conditions for a period up to a maximum of five years.
9. The thesis shall give evidence of the candidate's capacity for independent research.
10. Reprints of published papers are not accepted in lieu of the formal thesis, which should take the form of a specially composed monograph.
11. For the thesis at least two examiners shall be appointed, one of whom must be an external examiner. The supervisor may not normally be a member of the Examining Committee, although the Examining Committee may invite the supervisor to submit a report and attend any oral examination deemed necessary by the examiners. In such cases where it is necessary for the supervisor to be an internal examiner, then a second external examiner shall be appointed.
12. The examiners for the thesis shall be required, where appropriate, to take into account the written report of the examiners on the written examination when making their recommendations.
13. The examiners shall recommend to the Faculty Business Committee either:-
 - A. that the thesis be approved and that the degree be awarded, subject to making any purely typographical corrections and revisions; or
 - B. that the thesis be approved and the degree awarded on condition that such minor adjustments/corrections as are required by the examiners are made within a period of three months from the date of intimation to the candidate by the convener; or
 - C. that the thesis be not accepted in its present form but that the candidate be given the opportunity to revise the thesis and to resubmit it within a period of six months from the date of intimation to the candidate of the decision of the Senatus; or
 - D. that the thesis not having reached the required standard be rejected but that it be accepted as of sufficient standard along with the written examination to merit the degree of M.Litt. or M.Sc.; or
 - E. that the thesis be rejected and that the candidate be awarded the Graduate Diploma where so qualified; or
 - F. that no award be made.
14. The examiners may recommend the award of the degree with Distinction in relation to the whole or the thesis or the taught component.
15. The Faculty Business Committee, having satisfied itself that all requirements of the Regulations have been observed, shall transmit the joint recommendations of the examiners to the Senatus Academicus.
16. A student who has been permitted to proceed to the M.Phil. dissertation but who does not submit the thesis may apply to the Senatus Academicus for the award of the Graduate Diploma.

Postgraduate Study

X Resubmission

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

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

I Interpretation

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

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

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

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

"*Ph.D." means "Doctor of Philosophy and for the purposes of these regulations is understood to include D.Lang. (which means Doctor of Languages) when D.Lang. is not explicitly stated"

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

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

II Admission

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

III Full-time and Part-time Study

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

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

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

Persons admitted as part-time candidates for the degree under (B) shall cease to have that status unless after admission they continue to be normally resident within St Andrews or its immediate vicinity for a period of nine months.

IV Duration and Place of Study

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

V Nature of Study

1. The degree of Ph.D. is granted only for original research or higher study the result of which is presented in a specially composed thesis. The original research or higher study must be carried out on a topic approved by the Head of School who shall appoint a supervisor.
2. All research students and supervisors are required to conduct their research and supervision in accordance with the requirements of the University's Code of Practice for the Supervision of Research Students.
3. The work of all Ph.D. students will be reviewed annually prior to the submission of the thesis and the results reported to the Dean of Faculty. The first annual review, which will be conducted by the Head of School and which will normally occur at the end of the first year of study after registration as a general research student, will recommend either continuance of registration as a Ph.D. student or transfer of registration to that of an M.Phil. student. The second annual review will take place by the end of the second year of study. An important part of this review is to produce an agreed timetable for submission of the thesis.

VI Thesis

1. Every candidate for the Degree of Ph.D. shall present a thesis embodying the results of his or her special study or research.
2. The thesis shall be written in English and should take the form of a specially composed monograph. In exceptional circumstances the Faculty Business Committee may give permission for another language to be used.
3. The normal maximum length of the thesis will be 100,000 words excluding bibliography.
4. Three complete copies of the thesis shall be submitted in typescript and in secure but temporary binding. There shall be an adequate margin on each page. After the examination has been completed, two copies shall be bound in an approved style at the candidate's expense and shall be deposited in the University Library. The third copy of the thesis shall be returned to the candidate.
5. In exceptional circumstances the Faculty Business Committee may give permission for the thesis to be presented in a different medium.

Postgraduate Study

6. An abstract (not exceeding 300 words in length) of the thesis shall be submitted for the approval of the examiners. In the case of a thesis written in a foreign language there shall be a summary in English of between 1,000 and 3,000 words, in addition to an abstract in English. The abstract (and where appropriate, the summary) shall be bound in with the thesis.
7. The thesis shall be prefaced by:-
 - A. a declaration that the thesis has been composed by the candidate, that the work of which it is a record has been done by that candidate, and that it has not been accepted in any previous application for any degree;
 - B. a statement of the date of the candidate's admission as a research student;
 - C. a statement by the supervisor that the Regulations have been fulfilled; and
 - D. a statement that either access to the thesis in the University Library shall be unrestricted or that with the approval of the Faculty Business Committee access shall be restricted under stated conditions for a period up to a maximum of five years.

VII The Examination

1. The Senatus Academicus shall appoint a committee to examine the thesis and report on it to the Senatus Academicus. The committee shall normally consist of two examiners, one of whom shall be an external examiner. An internal examiner shall be appointed, who (for administrative purposes) shall act as convener of the committee. A supervisor shall not normally be appointed to the examining committee and under no circumstances may be its convener. In exceptional circumstances where the supervisor is a member of the examining committee a second external examiner shall be appointed.
2. The examiners appointed by the Senatus Academicus shall submit independent written reports on the thesis. These independent reports must be completed and a copy returned to the University Postgraduate Office before any oral examination of the candidate can take place. In addition the supervisor of the thesis shall submit a written report on it to the convener of the examining committee.
3. The committee shall require the candidate to submit to an oral examination. In exceptional circumstances and only with the express approval of the Faculty Business Committee the requirement of an oral examination may be waived.
4. The examining committee shall bear in mind that their judgement of the substantial significance of the thesis should take into account what may be reasonably expected of a capable and diligent student after three years of full-time study.
5. The examination of the thesis by the committee should normally be completed within three months of the date of submission. If the examining committee is unable to convene within three months then the Dean of Faculty shall be empowered to authorise a short extension of the examining period or to advise the Senatus Academicus that a new committee should be appointed.
6. No candidate may submit a thesis until the appropriate fee requirement has been met.
7. The examining committee shall make one of the following recommendations to the Senatus Academicus:-
 - A. that the thesis be approved and the degree of Ph.D. be awarded subject to making any purely typographical corrections and revisions; or
 - B. that the thesis be not accepted in its present form but that the candidate be given the opportunity to make minor corrections to the thesis within a period of three months of the date of the examination and that, upon the convener of the committee being satisfied that these minor corrections have been effected, the thesis be approved and the degree of Ph.D. be awarded; or
 - C. that the thesis be not accepted in its present form but that the candidate be given the opportunity to revise the thesis and resubmit it within twelve months from the date of intimation to the candidate of the decision of Senatus; or
 - D. that the thesis being of sufficient merit, the candidate be awarded the degree of M.Phil.; or
 - E. that the thesis be rejected.

VIII Resubmission

1. If a recommendation to the Senatus Academicus is made for resubmission by an examining committee the candidate shall receive in writing from the convener of the committee a detailed list of corrections and revisions deemed to be necessary by the examiners. The candidate shall be expected to take these into account in any resubmission of the thesis.

2. On resubmission of the thesis and payment of the appropriate fee the examining committee shall be reconvened and a further examination be conducted. The convener of the committee may recommend to the Dean of Faculty that the requirement of an oral examination be waived, if that is the unanimous opinion of the examining committee.
3. In the event of an oral examination being required, the Dean of Faculty shall recommend the appointment of an appropriate neutral third party observer.
4. If the original examining committee cannot be reconvened then the Senatus Academicus shall have the power to appoint a new committee to examine the thesis.
5. The examining committee shall make one of the following recommendations to the Senatus Academicus:-
 - A. that the thesis be approved and the degree of Ph.D. be awarded; or
 - B. that, the thesis being of sufficient merit, the candidate be awarded the degree of M.Phil.; or
 - C. that the thesis be rejected.

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

I Interpretation

1. In these Regulations:—

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

"Court" means the "University Court of the University of St Andrews";

"Degree of Doctor of Science" means the "Degree of Doctor of Science in the University of St Andrews".

II Qualifications for the Degree

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

III Presentation of Material and Declaration by Candidates

3. A. Each candidate for the Degree of Doctor of Science shall present as evidence of fitness to receive the degree a specially composed thesis, or a published work, or a series of published papers, or any combination of these. The material so presented in evidence may either be entirely that of the candidate or carried out in collaboration with another person or persons, provided that, in the latter case, the contribution of the candidate can be clearly defined. The standard of work required for the Degree of Doctor of Science is a high one. The subject matter must be coherent and original and should form a contribution to the advancement of scientific knowledge of such substance and distinction as to give the candidate an authoritative status in some branch or branches of learning.
- B. Such evidence as is presented in terms of Sub-Section (A) of this Section shall be accompanied by a declaration signed by the candidate certifying either:—
 - i. that the candidate is the sole author of the work, or
 - ii. that the candidate is the joint author of the work in collaboration with another person or persons who shall be named, in which case the declaration must also include a statement clearly defining the extent of the candidate's personal contribution to the joint work.In each case, such declaration must also state the extent (if any) to which the work has been submitted in any previous application for any degree and the result of any such application. Work submitted in a successful application for any degree shall be disallowed. The Senatus Academicus shall have discretion to allow or disallow work submitted in an unsuccessful application.
- C.
 - i. If after inquiry the Senatus Academicus is not satisfied with the declaration provided for in Sub-Section (B) of this Section, the Senatus shall have power to refuse the application.
 - ii. If after inquiry the Senatus Academicus is satisfied with the said declaration it shall remit the work submitted to a Committee of Examiners as provided in Section 4 hereof.

Postgraduate Study

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

IV Committee of Examiners and Award of the Degree

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

V General

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

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

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

D. POSTGRADUATE TAUGHT DEGREE PROGRAMMES

School of Art History

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

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

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

School of Biology

M.Res.: Environmental Biology
Environmental Biology Conversion for Mathematical, Physical and
Molecular Sciences

School of Chemistry

Graduate Diploma: Biological and Medicinal Chemistry

M.Sc.: Biological and Medicinal Chemistry

School of Computer Science

Graduate Diploma: Information Technology

M.Litt.: Information Technology in Arts

School of Divinity

Graduate Diploma: Divinity

M.Litt.: Divinity

M.Phil.: Divinity

School of English

Graduate Diploma: Creative Writing
Mediaeval English
Modern Poetries in English
Romantic Studies
Scottish Literature
Scottish Studies (*not available 2001-02*)
Shakespeare Studies
Women, Writing and Gender (*not available 2001-02*)

M.Litt.: Creative Writing
Mediaeval English
Modern Poetries in English
Romantic Studies
Scottish Literature
Scottish Studies (*not available 2001-02*)
Shakespeare Studies
Women, Writing and Gender (*not available 2001-02*)

Postgraduate Study

School of English (continued)

M.Phil.:	Mediaeval English Modern Poetries in English Romantic Studies Scottish Literature Scottish Studies (<i>not available 2001-02</i>) Shakespeare Studies Women, Writing and Gender (<i>not available 2001-02</i>)
----------	--

School of Geography & Geosciences

Graduate Diploma:	Health Geography Research
-------------------	---------------------------

M.Res.:	Health Geography
---------	------------------

School of Greek, Latin & Ancient History

Graduate Diploma:	Ancient History Greek Greek & Latin Latin
-------------------	--

M.Litt.:	Ancient History Greek Greek & Latin Latin
----------	--

M.Phil.:	Ancient History Greek Greek & Latin Latin
----------	--

School of History

Graduate Diploma:	Arabic Literature Central & East European Studies Early Mediaeval Scotland (<i>not available 2001-02</i>) Enlightenment Studies Environmental History and Policy Historical Research Islamic History Late Roman, Byzantine and Early Mediaeval Studies Mediaeval History Middle East Politics Middle East Studies Modern American History Modern Historical Studies Modern Historiography People and Nation in the Twentieth Century Reformation Studies Scottish History
-------------------	---

M.Litt.:	Arabic Literature Central & East European Studies Early Mediaeval Scotland (<i>not available 2001-02</i>) Enlightenment Studies Environmental History and Policy Historical Research Islamic History Late Roman, Byzantine and Early Mediaeval Studies Mediaeval History Middle East Politics Middle East Studies Modern American History
----------	--

School of History M.Litt. (continued)

Modern Historical Studies
 Modern Historiography
 People and Nation in the Twentieth Century
 Reformation Studies
 Scottish History

M.Phil.:

Arabic Literature
 Central & East European Studies
 Early Mediaeval Scotland (*not available 2001-02*)
 Enlightenment Studies
 Environmental History and Policy
 Historical Research
 Islamic History
 Late Roman, Byzantine and Early Mediaeval Studies
 Mediaeval History
 Middle East Politics
 Middle East Studies
 Modern American History
 Modern Historical Studies
 Modern Historiography
 People and Nation in the Twentieth Century
 Reformation Studies
 Scottish History

School of Mathematics & Statistics

Graduate Diploma:

Mathematics
 Statistics

M.Sc.:

Mathematics
 Statistics

School of Modern Languages

Graduate Diploma:

Advanced Language Studies
 Cultural Identity Studies
 European Languages and Linguistics
 French Language Studies
 French Studies
 German Studies
 Russian Studies
 Spanish and Latin American Studies

M.Litt.:

Advanced Language Studies
 Cultural Identity Studies
 European Languages and Linguistics
 French Language Studies
 French Studies
 German Studies
 Russian Studies
 Spanish and Latin American Studies

M.Phil.:

Cultural Identity Studies
 European Languages and Linguistics
 French Language Studies
 French Studies
 German Studies
 Russian Studies
 Spanish and Latin American Studies

D. Lang:

Advanced Language Studies

Postgraduate Study

School of Philosophical & Anthropological Studies

Graduate Diploma: Management, Economics & Philosophy (MEP) see Social Sciences
Philosophy
Philosophy and Social Anthropology
Social Anthropology
Social Anthropology and Amerindian Studies

M.Litt.: Management, Economics & Philosophy (MEP) see Social Sciences
Philosophy
Philosophy and Social Anthropology
Social Anthropology
Social Anthropology and Amerindian Studies

M.Phil.: Management, Economics & Philosophy (MEP) see Social Sciences
Philosophy
Philosophy and Social Anthropology
Social Anthropology
Social Anthropology and Amerindian Studies

School of Physics & Astronomy

Graduate Diploma: Photonics and Optoelectronic Devices

M.Sc.: Photonics and Optoelectronic Devices

School of Psychology

M.Res.: Psychology

School of Social Sciences

Graduate Diploma: *Defence Studies (distance-learning course)
Economics
Environmental History & Policy (see School of History)
Health Care Management
International Security Studies
Management, Economics & International Relations (MEIR)
Management, Economics & Philosophy (MEP)

M.Litt.: *Defence Studies
Economics
Environmental History & Policy (see School of History)
Health Care Management
International Security Studies
Management, Economics & International Relations (MEIR)
Management, Economics & Philosophy (MEP)

M.Phil.: Economics (Scottish Doctoral Programme)
Environmental History & Policy (see School of History)
Health Care Management
International Security Studies
Management, Economics & International Relations (MEIR)
Management, Economics & Philosophy (MEP)

* For full details, please contact the Department of International Relations.

Full details of the module components of these courses are available in the University's Course Catalogues.