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NOTICES**Calendar**

24 September, *Wednesday*. First ordinary number of the *Reporter* in the academical year 2014–15.

1 October, *Wednesday*. Congregation of the Regent House at 9.30 a.m. (Vice-Chancellor's address, and election and admission of the Proctors).

7 October, *Tuesday*. Full Term begins.

14 October, *Tuesday*. Discussion at 2 p.m. in the Senate-House (see below).

This issue is the last ordinary number of the *Reporter* for the 2013–14 academical year. The first ordinary number of the 2014–15 academical year will be published on 24 September.

Discussions at 2 p.m.

14 October

28 October

11 November

25 November

9 December

Congregations

1 October, *Wednesday* at 9.30 a.m.

25 October, *Saturday* at 11 a.m.

29 November, *Saturday* at 2 p.m.

Notice of a Discussion on Tuesday, 14 October 2014

The Vice-Chancellor invites those qualified under the regulations for Discussions (*Statutes and Ordinances*, p. 103) to attend a Discussion in the Senate-House, on Tuesday, 14 October 2014, at 2 p.m. for the discussion of:

1. Report of the Council, dated 15 July 2014, on the implementation of electronic voting in ballots of the Regent House (*Reporter*, 6355, 2013–14, p. 744).
2. Report of the General Board, dated 2 July 2014, on the establishment of the University offices of Lecturer (teaching) and Senior Lecturer (teaching) (*Reporter*, 6355, 2013–14, p. 745).
3. Report of the General Board, dated 2 July 2014, on the establishment or re-establishment of two Professorships in the Department of Clinical Neurosciences (*Reporter*, 6355, 2013–14, p. 747).
4. Report of the General Board, dated 2 July 2014, on the re-establishment of a Professorship of Surgical Oncology (*Reporter*, 6355, 2013–14, p. 748).
5. Report of the General Board, dated 2 July 2014, on certain University offices in the School of Clinical Medicine (*Reporter*, 6355, 2013–14, p. 748).

Notice of benefactions

28 July 2014

The Vice-Chancellor gives notice that he has accepted with gratitude the following benefactions, of which both the capital and the income may be used:

- (i) philanthropic grants totalling £553,233 from the Evelyn Trust to support six health research projects in the School of Clinical Medicine;
- (ii) a benefaction of £249,000 from the Wolfson Foundation, payable over three years, to provide scholarships for three Ph.D. students over the same period, one in each of the nominated disciplines of history, literature, and languages. This is the latest gift from the Foundation to provide funding for Wolfson Postgraduate Scholarships in the Humanities at the University;
- (iii) a benefaction of £150,000 from Dr Darrin Disley, payable over three years, to support students in the Department of Chemical Engineering and Biotechnology by providing funding for bursaries, prizes, and an annual innovation conference, to be known as the Chemical Engineering and Biotechnology / Christopher R. Lowe Carpe Diem Enterprise Programme;
- (iv) a benefaction of £150,000 from Dr Gavin Ferris to support the research of Dr Robert Mullins, Computer Laboratory.
- (v) a benefaction of £101,603 from Ms Claire Barnes to support a studentship for four years for a candidate for the Ph.D. Degree undertaking studies in the Department of Zoology on a topic relevant to the biology and ecology of Asia, to be called the 'Claire Barnes Studentship in Zoology'.

The Vice-Chancellor also gives notice that he has accepted with gratitude a bequest of £113,438 from the late Mrs Elizabeth Evans to the University, which will be added to the Vice-Chancellor's Endowment Fund (*Statutes and Ordinances*, p. 976).

Sir Robert Rede's Lecture

The Vice-Chancellor gives notice that Dr Drew Gilpin Faust, President of Harvard University and Lincoln Professor of History in the Faculty of Arts and Sciences has been appointed to give the next Rede Lecture. Dr Faust will lecture on Monday, 19 January 2015 and it is expected that the lecture will be delivered at 5.30 p.m. in the Senate-House.

Further details will be published early in Michaelmas Term.

Withdrawal of Grace 1 of the Regent House of 16 July 2014

25 July 2014

The Vice-Chancellor gives notice that, under the provisions of Regulation 6 of the regulations for Graces and Congregations of the Regent House (*Statutes and Ordinances*, p. 103), he has withdrawn Grace 1 of the Graces submitted to the Regent House on 16 July 2014 (*Reporter*, 6355, 2013–14, p. 751) concerning the Report of the Council on the process for the nomination and election of the Chancellor.

Withdrawal of Grace 1 of the Senate of 16 July 2014

25 July 2014

The Vice-Chancellor gives notice that, under the provisions of Regulation 5 of the regulations for the Graces of the Senate (*Statutes and Ordinances*, p. 107), he has withdrawn Grace 1 of the Graces submitted to the Senate on 16 July 2014 (*Reporter*, 6355, 2013–14, p. 754) concerning the Report of the Council on the process for the nomination and election of the Chancellor.

Extension of Phase 1 of the North West Cambridge development

21 July 2014

The Council has accepted a recommendation made by the Finance Committee to extend Phase 1 of the North West Cambridge development (*Reporter*, 2012–13; 6282, p. 59, 6295, p. 342).

The significant advantages to extending the scope of Phase 1 include provision of additional much-needed affordable rental accommodation for University and College staff in the context of rising house prices in Cambridge, achievement of economies of scale, avoidance of inflationary pressure due to the current low rates of building cost inflation, and the benefits to new residents of minimized building work on neighbouring lots.

Accordingly the Council has endorsed the plans to extend Phase 1 by including a further 164 key worker units and make additional provision for the Office of Postdoctoral Affairs, and the resulting increase to the borrowing limit to £311m, with short-term flexibility to £320m.

The Council will publish a Report early in the Michaelmas Term 2014 seeking approval for these proposals.

Amendment of Sites and Buildings regulations

21 July 2014

In paragraph 12 of the Report of the Council on revised committee arrangements for estates strategy and buildings (*Reporter*, 6344, 2013–14, p. 467), the Council noted that, if the Report's recommendations were approved, amendments would be made to the Sites and Buildings regulations to reflect the revised committee structure. The recommendations of the Report were approved by Grace 5 of 21 May 2014 (*Reporter*, 6348, 2013–14, p. 577), and the Council, Finance Committee, and the General Board have subsequently approved amendments to the Sites and Buildings regulations, which are reproduced in full below.

SITES AND BUILDINGS REGULATIONS

Adopted and approved on 21 July 2014 by Order of the Council, Finance Committee, and the General Board, following approval of Grace 5 of 21 May 2014.

Distributed by the Registry to all Heads of Department.

Terms beginning with capital letters are defined in Schedule 5 where necessary to aid interpretation.

1. Scope and responsibilities

1.1 The Council, Finance Committee, and General Board have responsibilities in relation to University land and buildings.¹ These regulations are issued as part of the discharge of those responsibilities and to facilitate compliance with Statutes and Ordinances. In particular these regulations seek to set out in one place the arrangements for management of University land, buildings, and capital projects from a technical, operational, and financial perspective.

1.2 A Grace is required for the disposal of land of present or prospective use to the University;² and for substantial alteration of an existing University building (understood as involving aesthetic as well as financial considerations), the erection of a new University building or the demolition of an existing University building.³ Disposal of land means the sale or transfer of any freehold or leasehold property or the grant of a lease for more than 60 years.⁴

1.3 These regulations apply to all University land and buildings owned or leased or to be acquired by the University and related capital and maintenance expenditure. The regulations must be followed by all Staff; all Departments and University subsidiary companies but not Cambridge University Press except where specifically provided (the Press is governed by its own Statute and Ordinances) or in general Cambridge Assessment (see further Schedule 2).

1.4 Compliance with these regulations does not remove any requirement to comply with the University's Financial Regulations issued by the Council.

1.5 Committee and other responsibilities in relation to land and buildings are set out diagrammatically in Schedule 1 and summarized in Schedule 2.

1.6 Breach of these regulations may result in disciplinary action and will be reported to the Registry, who will then report to the appropriate committee.

2. Approvals and contract execution

2.1 Projects which relate to land and buildings require Expenditure Approvals and in some cases Specific Operational Approvals. The Expenditure Approvals are set out in Schedule 3 and the Specific Operational Approvals in Schedule 4.

2.2 Compliance with Schedule 3 satisfies the requirement in Financial Regulations for Capital Approval.⁵

2.3 Heads of Department (see definition in Schedule 5) shall

(a) take all necessary advice and

(b) for projects involving their Department secure the approvals required by these regulations before any contractual commitment is given.

2.4 Subject to the issue of Expenditure and Specific Operational Approvals, the Head of Estate Management shall approve and sign all contracts for the purchase, lease, or licence of land or property or for the erection, demolition, substantial repair, or alteration of buildings. Financial Regulation 7.1 governs who may authorize the affixing of the University's seal.

2.5 Financial Regulation 8.3 governs when contract performance may begin.

3. Authorities and review

3.1 The Council, Finance Committee, and General Board hereby give all delegations and directions contemplated by these regulations.

3.2 Chairmen of committees shall have delegated authority to act for their committees between meetings in urgent, minor, or straightforward cases, reporting in full to the next committee meeting.

3.3 All decisions made under delegation shall be reported back to the responsible committee, which may call the matter back for further consideration.⁶

3.4 Every three years, or more frequently if appropriate, the Registry shall arrange for these regulations to be reviewed and for proposed changes to be submitted to the Council, Finance Committee, and the General Board and adoption by their joint Notice.

¹ Statutes A IV 1, F I 1(a), F II 2–3, and Regulation 2 of the regulations for Financial Matters.

² Regulation 2(a) of the regulations for Financial Matters.

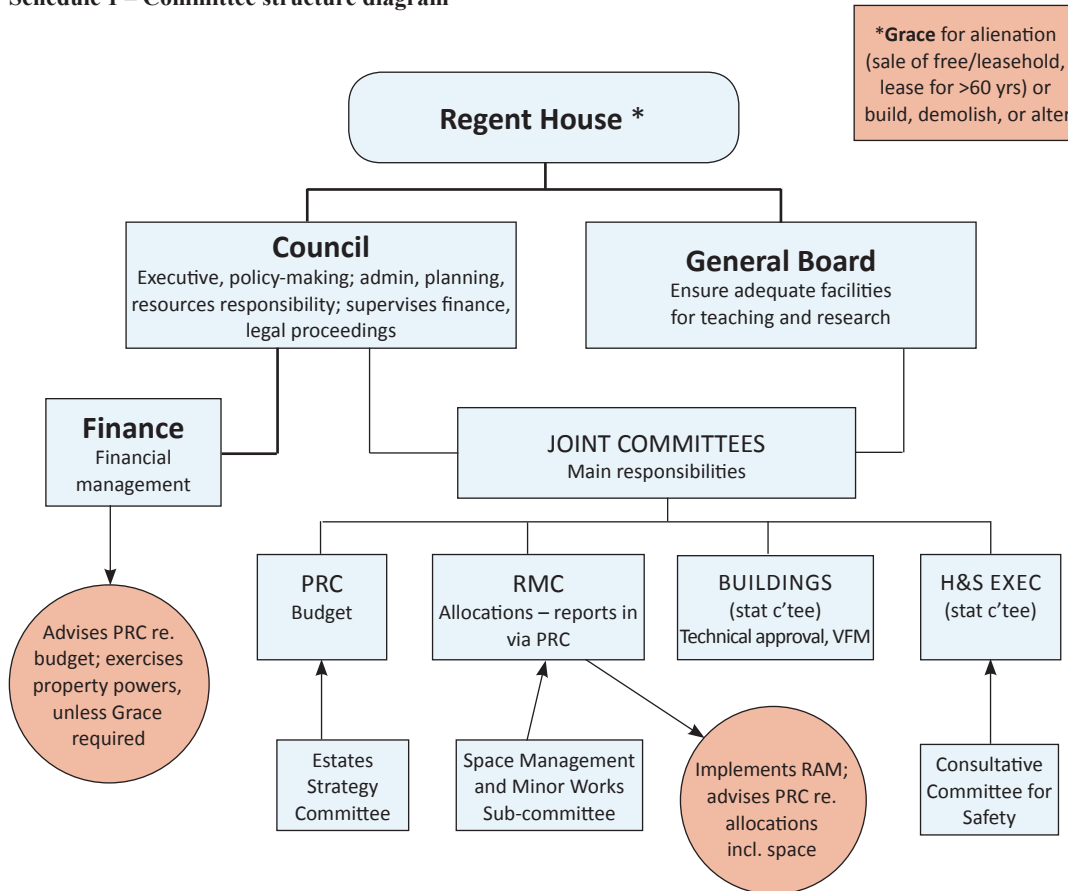
³ Statute F II 3.

⁴ Regulation 2(a) of the regulations for Financial Matters.

⁵ Financial Regulation 18.1.

⁶ Special Ordinance A (vii) 4(b): delegation does not relieve the delegating body of responsibility.

Schedule 1 – Committee structure diagram



Schedule 2 – Committee and other responsibilities

1. The Council

1.1 The Council⁷ is the principal executive and policy making body of the University, responsible for administration, planning, resources, and supervision of finances.⁸ The Council delegates business to its standing and occasional committees.⁹ The committees dealing with finance, planning, and resources are the Finance Committee and the Planning and Resources Committee (PRC).¹⁰

1.2 The Council has the primary responsibility for determining if the sale or transfer of freehold or leasehold land or the grant of a lease for 60 years or more would deprive the University of the use of land or buildings which are of present or prospective use to the University (defined in Schedule 5 to these regulations as 'PPU Land'). If so its disposal requires a Grace.¹¹ For the purposes of ongoing management, PPU Land is divided into the Operational and the Non-Operational Estate (both as defined in Schedule 5).

1.3 The Council lays down the scheme of Expenditure and Specific Operational Approvals set out in Schedules 3 and 4.

1.4 The Council and Finance Committee delegate the overall management of the Operational Estate to PRC and the Buildings Committee, which report back to the Council.

1.5 The General Board is responsible for ensuring there are adequate resources for teaching and research.¹²

2. Council Committees

2.1 The Finance Committee and Audit Committee are standing committees of the Council.¹³ The Council from time to time establishes further standing or occasional committees.¹⁴

⁷ See <http://www.admin.cam.ac.uk/committee/council/>.

⁸ Statutes A IV 1, F I 1(a), F II 2–3, and Regulation 2 of the regulations for Financial Matters. See also the special regulations for Syndicates, the Local Examinations Syndicate, and the Press Syndicate.

⁹ Statute A IV 7(b)

¹⁰ The Consultative Report of the Council in March 2004 (see <http://www.admin.cam.ac.uk/reporter/2003-04/weekly/5955/11.html> at para 1(a)).

¹¹ Regulation 2(a) of the regulations for Financial Matters.

¹² Statute A V 1(c)(ii).

¹³ Statute A IV 7(a).

¹⁴ Statute A IV 7(b).

2.2 The *Finance Committee* is responsible under the Council for financial management and stewardship of all assets and land, whether PPU Land or land held for investment. The Finance Committee itself oversees the management of the Non-Operational Estate, which is managed and maintained on a self-funding basis. The Non-Operational Estate includes land held for investment. The Finance Committee's remit includes overview of the University's accounts (and accounting policies, practices, and systems), consideration of management accounts and investment management, and the custody of tangible and intangible University assets. It reports to the Council as necessary and advises PRC about the budgetary envelope predicted prudently to be available to the University for both capital and recurrent expenditure. It is responsible with the Council for investment.¹⁵

2.3 All borrowing requires Finance Committee approval.

3. Joint Council and General Board Committees

3.1 The *Planning and Resources Committee* (PRC)¹⁶ is a joint committee of the Council and General Board, reporting to both bodies. It is responsible for advice to the central bodies about major strategic matters and for the conduct, subject to the responsibilities of the Council and the General Board, of the higher-level planning and resource management of the University including, with advice from the Finance Committee, proposing the University budget to the Council and the General Board.

3.2 PRC provides the financial oversight for the management of the Operational Estate and approves the estate plans for the management of PPU Land. It ensures the provision of funding for acquisition of land and work in relation to land.

3.3 PRC gives Funding Approvals (see Schedule 3).

3.4 The *Estates Strategy Committee* is a sub-committee of the PRC which advises on the strategic management of the Operational and Non-Operational Estate. In doing so it takes account of the estate plans for Cambridge University Press and Cambridge Assessment.¹⁷

3.5 The *Buildings Committee*¹⁸ is a sub-committee of the PRC. It gives Technical Approvals where the Total Cost exceeds £1m. It reviews retrospectively the Technical Approvals given by the Space Management and Minor Works Sub-Committee, giving advice where necessary about how to approach future decisions. Estate Management advises and conducts the operational work for Buildings Committee with the assistance of Finance Division and the Planning and Resource Allocations Office (PRAO).

3.6 The Buildings Committee advises PRC on the annual budget needed in the Building Maintenance Fund for the maintenance of the Operational Estate. It gives Technical Approvals (see Schedule 3) and technical advice on the management of the Operational Estate. The cost of maintaining the Operational Estate is chargeable to the Buildings Maintenance Fund or, if the body giving the Funding Approval determines (see Schedule 3), to departmental or other funds.¹⁹ The Buildings Committee has power to delegate maintenance responsibility.²⁰

3.7 The Buildings Committee oversees applications for planning approvals for the Operational Estate and is consulted by Cambridge University Press and Cambridge Assessment about planning applications for premises and land in the city of Cambridge.²¹ Planning Applications which it considers are inconsistent with the University's long-term estate strategy and agreed principles and policies for planning and design may be referred to the Estates Strategy Committee before any approval is given.

3.8 The *Space Management and Minor Works Sub-committee* (SMMWS) is a sub-committee of the Resource Management Committee²² to which it reports, reporting for information to the Buildings Committee. It gives Technical Approvals where the Total Cost is £50,000 to £1m, reporting these decisions retrospectively to the Buildings Committee. It makes funding recommendations to the Resource Management Committee (RMC) where the Total Cost is between £50,000 and £1m in parallel with the application to RMC for Funding Approval.²³ It makes proposals about allocation of University space.

¹⁵ Statutes A IV 7–10 and A II 3–8, Regulation 2 of the regulations for Financial Matters, the Consultative Report of the Council in March 2004 (see <http://www.admin.cam.ac.uk/reporter/2003-04/weekly/5955/11.html> at para 8(b)).

¹⁶ See <http://www.admin.cam.ac.uk/cam-only/committee/prc/>.

The PRC is a joint committee of the Council and General Board, serviced by the Planning and Resource Allocation Office (PRAO). See the Council Consultative Committee report in March 2004 at <http://www.admin.cam.ac.uk/reporter/2003-04/weekly/5955/11.html> at para 6, 8(a), 10(a), and 19.

¹⁷ See Grace 5 of 21 May 2014.

¹⁸ See http://raven.intranet.admin.cam.ac.uk/committee/council/building_committee.aspx. The Consultative Report of the Council identifies the Building Committee as responsible for advising the PRC about executive matters relating to the operational estate and the buildings programme, including buildings maintenance, within budgets and estate plans approved by the central bodies on the recommendation of the PRC. It is a joint committee of the Council and General Board serviced by the Planning and Resource Allocation Office (PRAO), with business prepared by the Director of Estate Management. See <http://www.admin.cam.ac.uk/reporter/2003-04/weekly/5955/11.html> at para. 8 and 10(c). See also Grace 1 of 9 Feb 2005, and Regulation 9 of the Sites and Buildings regulations (1994 as amended in 2005), confirmed by these regulations.

¹⁹ Regulations for Buildings Maintenance Funds; and Regulation 9 of the Sites and Buildings regulations (1994 as amended in 2005), re-confirmed by these regulations.

²⁰ Regulations 9 and 10 (1994 as amended in 2005). The delegation is confirmed by these regulations.

²¹ Previously Regulation 11(a) of the Sites and Buildings regulations (1994, as amended in 2005), delegation confirmed by these regulations in relation to the Operational Estate.

²² The Council Consultative Report of March 2004 confirmed, for the time being, the (predecessor) Minor Works Review Group as a technical review and implementation group, reporting to the Buildings Committee but suggested it would be reconstituted as a sub-committee of the Buildings Committee – see <http://www.admin.cam.ac.uk/reporter/2003-04/weekly/5955/11.html>, para 1(f) and 8(d). The combining of the Minor Works Sub-Committee and the then Space Management Advisory Group into the Space Management and Minor Works Sub-Committee of the Resource Management Committee was approved by Grace 5 of 21 May 2014 (see the Report, *Reporter*, 6344, 2013–14, p. 467).

²³ See Schedule 3.

3.9 The *Resource Management Committee* (RMC)²⁴ is a joint committee of the Council and General Board and reports in to those committees via PRC. RMC deals with the detailed work of resource allocation.²⁵

3.10 RMC gives Funding Approvals (see Schedule 3).

3.11 RMC²⁶ allocates space, dealing with the detailed work on resource allocation, following a proposal by the SMMWS. The PRAO allocates space less than 100 square metres under RMC supervision. As part of its space allocation remit, RMC approves proposals to share University space, including with Embedded Companies.

3.12 The *Health and Safety Executive Committee*²⁷ is a joint committee of the Council and General Board. It is advised by the Consultative Committee for Safety. The Consultative Committee receives and considers the annual University Fire Report from Estate Management. The report then goes to the Health and Safety Executive Committee for consideration.

3.13 The *Environmental Strategy Committee*²⁸ is a joint committee of the Council and General Board and reports in to those committees via PRC. It is responsible for monitoring and enhancing the University's environmental management system.

4. Financial planning process

4.1 RMC and PRC propose the budget parameters, which are approved by the Finance Committee. RMC then constructs the budget for PRC approval. The budget then goes to Council with advice from the Finance Committee, prior to being graded.

5. Other bodies and committees

5.1 The *Press Syndicate* is responsible for the management of the finance, property, and affairs of Cambridge University Press, except if Statutes and Ordinances expressly or by necessary implication provide otherwise.²⁹ Cambridge University Press will consult the Buildings Committee and if necessary the Estates Strategy Committee about any significant planning applications to be made in respect of any premises or land in the city of Cambridge.³⁰

5.2 A Grace is not required for the sale or transfer of freehold or leasehold land by Cambridge University Press or for the grant of a lease of more than 60 years or for the erection of a new building or for the demolition or substantial alteration of an existing building.³¹ However the Press Syndicate have undertaken not to dispose, without the approval of the University, of the Pitt Building or of any property acquired from the University and specially designated by agreement between the Press Syndicate and the Council at the time of acquisition. The Press Syndicate have also undertaken to offer the Council the first option to acquire, at prevailing market price, any property in Cambridge which is to be disposed of by the Syndicate, such option if not taken up to lapse fourteen days after the offer.³² Cambridge University Press will share its estate plan and co-operate with the Estates Strategy Committee in strategic decisions affecting its estate.³³

5.3 The Local Examinations Syndicate provides the oversight of *Cambridge Assessment*, including in relation to the management of property assigned to Cambridge Assessment subject to the following requirements:

- A Grace is required for the disposal of land.³⁴
- The Local Examinations Syndicate shall offer the Council the first option to acquire, at prevailing market price, any property in Cambridge which is to be disposed of by the Syndicate, such option if not taken up to lapse fourteen days after the offer.
- Cambridge Assessment shall seek the prior written consent of the Finance Committee before contracting for any land or building acquisition or borrowing for capital purposes above £15m. Cambridge Assessment will share its estate plan and co-operate with the Estates Strategy Committee in strategic decisions affecting its estate.³³
- Cambridge Assessment shall consult the Buildings Committee about any significant planning applications to be made in respect of any premises or land in the city of Cambridge.

²⁴ See <http://www.admin.cam.ac.uk/cam-only/committee/rmc/>.

²⁵ See further the RMC terms of reference on the RMC website and the Consultative Report of the Council in March 2004 (see <http://www.admin.cam.ac.uk/reporter/2003-04/weekly/5955/11.html> at para 1(e) and 16 and RMC terms of reference at <http://www.admin.cam.ac.uk/cam-only/committee/rmc/terms.pdf>).

²⁶ Regulation 5 of the Sites and Buildings regulations (1994 as amended in 2005) described as a Council responsibility the assignment of buildings to Faculties, Departments, and other institutions or bodies. This task has been delegated to RMC.

²⁷ See Regulations 3 and 4 of the regulations for the Health and Safety Executive Committee and <http://www.admin.cam.ac.uk/cam-only/committee/safety/>. See also Council Notice of 26 April 2010 which revised the membership of the Consultative Committee for Safety.

²⁸ See <http://www.admin.cam.ac.uk/cam-only/committee/environment/terms/>. The Buildings Committee confirmed the organization, terms of reference, and constitution of the Committee for Environmental Management on 21 June 2000; see <http://www.admin.cam.ac.uk/cam-only/committee/environment/constitution/>.

²⁹ Statute J; Regulation 3 of the regulations for the Press Syndicate; Regulation 5 of the regulations for Financial Managers; Financial Regulation 1; see also Regulations 1 and 11 of the Sites and Buildings regulations (1994 as amended in 2005), re-confirmed in these regulations. The Council has power to limit the Press's powers and may reclaim control – see Statute J 5 and 13.

³⁰ Regulation 11 of the Sites and Buildings regulations (1994 as amended in 2005), continued in the current regulation.

³¹ Statute J 3 and Regulation 5 of the regulations for Financial Matters.

³² Footnote to Regulation 3(c) of the regulations for the Press Syndicate.

³³ See the recommendations of the Report approved by Grace 5 of 21 May 2014 (*Reporter*, 6344, 2013–14, p. 467).

³⁴ See Regulation 1.2.

6. Unified Administrative Service (UAS)

6.1 The *Estate Management Division* of the UAS undertakes the technical management of the Operational and Non-Operational Estate (but not investment land within the CUEF), including the following:

- preparing the draft estate plans (estate strategy and its implementation) for approval of PRC, the Council, and the General Board, including the categorization of land not held as part of PPU Land;
- undertaking all planned maintenance, drawing on the Building Maintenance Fund, and all unplanned maintenance (under the supervision of and reporting to the Buildings Committee);
- providing monitoring, guidance, and training for Departments on fire safety; checking fire equipment; managing the Fire Team; reporting annually on fire safety to the Consultative Committee for Safety;³⁵
- planning and managing University property and facilities;
- advising on security matters and responding to incidents;³⁶
- securing planning permission as required;
- procuring University building work;
- managing University and private rented residential accommodation for University use;
- operating the University Centre and other catering outlets around the University;
- advising on the drafting and negotiation of licences and leases for the approved sharing of space; and
- managing the University Farm.

6.2 Following the issue of a Funding Approval for building work, the Finance Division conducts final due diligence checks including as to the sources and reliability of funding. The building warrant (being the formal authority to spend) is issued

- by the Director of Estate Management for maintenance work,
- by the Deputy Director of Finance for other building work up to and including £100,000,
- by the Pro-Vice-Chancellor for Planning and Resources for other building work above £100,000.

6.3 *PRAO* is a unit within the Academic Division. Among other responsibilities it gives Funding Approvals and, under RMC supervision, allocates space less than 100 square metres. *PRAO* services PRC, RMC, the Buildings Committee, and the SMMWS.

7. Schools and Departments

7.1 *Schools* are responsible for resource allocation within the parameters set by the annual budget report.

7.2 Heads of Department

The definition in the Financial Regulations from time to time in force³⁷ is adopted for the purposes of these regulations. At the time of adoption of these regulations this means: ‘the Head of a Department or a Faculty not organized in Departments, Secretaries of Faculty Boards, Head of a Centre, Institute or other body under the supervision of the General Board or Council and Head of a Division within the Unified Administrative Service’. ‘Department’ is interpreted accordingly.

Heads of Department are responsible, in respect of buildings assigned to the Department, for

- identifying and reporting to Estate Management the need for any unplanned maintenance;
- cleaning;
- observance of safety, security, and fire precautions in line with advice and guidance from Estate Management;³⁸
- maintenance only where specifically delegated by Buildings Committee (see Schedule 4); and
- undertaking a cost and space analysis for any Embedded Company, securing a Specific Operational Approval to share space with the company (see Schedule 5) and ensuring contractual arrangements are put in place between the company and the University and that the company complies with health and safety legislation and University policies.³⁹

8. The Investment Office

8.1 The Investment Office buys and sells and arranges the technical management of land and buildings held for investment purposes within the CUEF, under the oversight of the Investment Board, reporting to the Council via the Finance Committee.

9. The Land Fund

9.1 All payments of premium for the lease of land and receipts from the sale of land (other than land held for investment purposes) shall be credited to the Land Fund. The capital and the income of the Fund may be used (a) to purchase sites which are suitable for development for University purposes, and (b) to meet the cost of planning and providing the infrastructure for the development of sites in University ownership, including costs relating to the requirements of Town and Country Planning legislation.⁴⁰

³⁵ Previously the Buildings Committee had overall responsibility for the taking of measures for the safety of premises (including fire precautions) – see Regulation 9(a) and (b) of the Sites and Buildings regulations (1994 as amended in 2005).

³⁶ Previously the Buildings Committee had overall responsibility for the taking of measures for the safety and security of the premises in consultation with the bodies concerned – see Regulation 9(a) and (b) of the Sites and Buildings regulations (1994 as amended in 2005).

³⁷ See Financial Regulation 4.1.

³⁸ Previously Schedule 1 paragraph 1(c) of the Sites and Buildings regulations (1994 as amended in 2005), delegation confirmed by these regulations. Security obligations not previously itemised.

³⁹ Regulations for Financial Matters, Financial Regulation 26.

⁴⁰ Regulations for Financial Matters, regulations for the Land Fund.

Schedule 3 – Expenditure Approvals, required for: (i) all building work, including refurbishment and re-structuring, and (ii) maintenance, where delegation has been approved pursuant to Schedule 4*

*Where any delegation has been approved pursuant to Schedule 4, the Department will act in place of Estate Management

Total Cost	Head of Department	Estate Management*	PRAO	SMMWS	Buildings Committee	RMC	PRC
Total Cost of less than £50k unless Buildings Committee has approved a Minor Works Expenditure Approval Exemption.	Provides Brief Business Case to PRAO.	Estate Management prepares the budget for PRAO and gives Technical Approval.	PRAO checks funding availability. Provided Estate Management agrees PRAO issues the Funding Approval.				
Total Cost is £50k to £1m.	Provides Brief Business Case to PRAO.	Estate Management checks value for money and prepares the budget for SMMWS.	PRAO checks funding availability and consults Estate Management. Reports to SMMWS.	Receives Estate Management and PRAO advice. Makes a funding recommendation to RMC. Gives the Technical Approval which is then reported to Buildings Committee		Funding Approval.	
Total Cost is >£1m to <£2m.	Provides Brief Business Case to PRAO.	Estate Management checks value for money and prepares the budget for Buildings Committee.	PRAO reviews and recommends to Buildings Committee business need (academic or administrative need and value for money).		Technical Approval		Funding Approval.
Total Cost is £2m or above (Capital Projects Process).	Registers the project with PRC at the outset. The Chairman of PRC has power to register small, straightforward projects. Prepares the Concept Paper. When the Concept Paper is approved, prepares full business case including the confirmation/revision of the Concept Paper and business plan and the provision of estimates.	Estate Management checks value for money and prepares the budget for Buildings Committee.	PRAO assists Department working with Estate Management.		Technical Approval		Approves Concept Paper before proceeding further and determines how the preparation of the full business case is to be funded. Funding Approval.

Schedule 4 – Specific Operational Approvals

Subject	Approval or determination by	Other requirements
<i>Alienation of land</i>		
Determination whether land is PPU Land. ¹	<ul style="list-style-type: none"> • Finance Committee • In straightforward cases the determination can be made by the Director of Finance (on advice of the Director of Estate Management) and reported to the Finance Committee 	<ul style="list-style-type: none"> • PRC advises the Finance Committee • Estate Management provide technical advice
Approval for sale or transfer or grant of a lease for more than 60 years of land which is PPU Land. ²	Regent House (Grace)	Report from Council to Regent House
Approval for sale or transfer or grant of a lease for more than 60 years of land which is not PPU Land. ³	Finance Committee	
Approval for grant of a lease of PPU Land for less than 60 years. ⁴	Finance Committee	
Use of Land Fund (receipts from sale or lease of land other than land held for investment purposes). ⁵	Finance Committee	
<i>Alteration or change of use</i>		
Consideration of whether a repair or alteration is substantial and, if not substantial, what publicity is appropriate. ⁶	The body which gives the Technical Approval (SMMWS or Buildings Committee depending on project Total Cost)	
Preliminary approval of proposals for substantial repair or alteration (prior to seeking a Grace). ⁷	PRC gives the Funding Approval. Buildings Committee gives the Technical Approval	
Approval for substantial alteration of an existing University building. ⁸	Regent House (Grace)	Consult the Directors of Estate Management and Finance and the Taxation Section. Execution of contract documents is done by the Director of Estate Management ⁹
Approval for change of use. ¹⁰	RMC	Estate Management advises
<i>Erection or demolition of a building</i>		
Approval for the erection of a new University building or for the demolition of an existing University building. ¹¹	Regent House (Grace)	Consult the Directors of Estate Management and Finance and the Taxation Section. The Director of Estate Management signs the contract documents ¹²

¹ Regulation 2(a) of the regulations for Financial Matters: A Grace is required for a sale or lease of more than sixty years if in the judgement of the Council this would deprive the University of the use of lands or buildings which are of present or prospective use to the University.

² Regulation 2(a) of the regulations for Financial Matters.

³ Regulation 2(a) of the regulations for Financial Matters.

⁴ Regulation 2(a) of the regulations for Financial Matters.

⁵ Premiums from the lease of land and receipts from the sale of land (other than land held for investment purposes) are credited to the Land Fund and are subject to the requirements of the regulations for the Land Fund.

⁶ Delegation from Council: i.e. is it substantial for the purpose of Statute F II 3.

⁷ Delegation from Council to PRC and (per previous Regulation 8 of the Sites and Buildings regulations (1994 as amended in 2005)) to Buildings Committee, re-confirmed by these regulations.

⁸ Statute F II 3.

⁹ Financial Regulation 6.2. Regulation 2.4 of these regulations.

¹⁰ Delegation by Council in line with previous Regulation 6 of the Sites and Buildings regulations (1994 as amended in 2005).

¹¹ Statute F II 3.

¹² Financial Regulation 6.2. Regulation 2.4 of these regulations.

Subject	Approval or determination by	Other requirements
Maintenance		
Setting the annual budget for the Building Maintenance Fund.	PRC – Financial approval Buildings Committee – Technical approval	
Delegation of maintenance (for the execution of one or more maintenance projects).	Buildings Committee	When considering a request until further notice to delegate maintenance, Committee shall set any appropriate thresholds and conditions and shall have regard to the following: (a) The extent of delegation to be given (scope and Total Cost delegated). (b) Legal, regulatory, and insurance issues. (c) Levels of necessary expertise (technical, health and safety, purchasing, etc.). (d) Value for money. (e) Conditions to be imposed in addition to those in Financial Regulations. A list shall be published on the Estate Management website setting out delegations made. ¹³
Minor Works Expenditure Approval Exemption		
Exemption from need to seek an Expenditure Approval for work not exceeding £50,000.	Buildings Committee	When considering a request for exemption until further notice from the need to seek an Expenditure Approval for work where the Total Cost does not exceed £50,000, Committee shall set any appropriate thresholds and conditions and shall have regard to the following: (a) The extent of permission to be given (scope and Total Cost permitted). (b) Legal, regulatory, and insurance issues. (c) Levels of necessary expertise (technical, health and safety, purchasing, etc.). (d) Value for money. (e) Conditions to be imposed in addition to those in Financial Regulations. A list shall be published on the Estate Management website setting out delegations made.
Permission to carry out minor works		
Permission to carry out minor works.	Buildings Committee	When considering a request for permission until further notice to carry out minor works, Committee shall set any appropriate thresholds and conditions and shall have regard to the following: (a) The extent of permission to be given (Total Cost permitted). (b) Legal, regulatory, and insurance issues. (c) Levels of necessary expertise (technical, health and safety, purchasing, etc.). (d) Value for money. (e) Conditions to be imposed in addition to those in Financial Regulations including requirements to consult EM and/or not to do certain specified work. A list shall be published on the Estate Management website setting out delegations made.

¹³ Statute F II 2–3; Statute J; confirmation of delegation by Council in line with previous Regulations 1, 7, and 9 of the Sites and Buildings regulations (1994 as amended in 2005).

Subject	Approval or determination by	Other requirements
Permission to carry out Emergency Work		
Permission to carry out Emergency Work without seeking an Expenditure Approval.	Buildings Committee	<p>When considering a request for permission until further notice to carry out emergency work as it arises, Committee shall set any appropriate thresholds and conditions and shall have regard to the following:</p> <p>(a) The extent of permission to be given (Total Cost permitted).</p> <p>(b) Legal, regulatory, and insurance issues.</p> <p>(c) Levels of necessary expertise (technical, health and safety, purchasing, etc.).</p> <p>(d) Value for money.</p> <p>(e) Conditions to be imposed in addition to those in Financial Regulations including requirements to consult EM and/or not to do certain specified work.</p> <p>A list shall be published on the Estate Management website setting out delegations made.</p>
Acquisition of land		
Approval for acquisition of property (freehold leasehold or any building) anywhere in the world to form part of PPU Land whether for value or not. ¹⁴	Finance Committee	PRC advises Finance Committee as necessary
Borrowing		
Prior approval required	Finance Committee	
Allocation of space		
<p>Allocation of space.</p> <p>Approval for sharing University space with any third party, including an Embedded Company, and whether by way of lease, licence, or any other formal or informal arrangement.</p> <p>A change to the net usable area of the building.</p> <p>A change of use.¹⁵</p>	RMC	<p>Consult the SMMWS, which considers and puts proposals to RMC.</p> <p>Consult Estate Management about the terms of any arrangement with a third party. Execution of contract documents is done by the Director of Estate Management.¹⁶</p>

¹⁴ New requirement of the Council under its supervisory jurisdiction.

¹⁵ Delegation by Council in line with previous Regulation 5 of the Sites and Buildings regulations (1994 as amended in 2005).

¹⁶ Financial Regulation 26. Regulation 2.4 of these regulations.

Schedule 5 – Definitions and guidance

‘Brief Business Case’	A paper setting out the academic or administrative need, value for money, and funding source and confirming that, where the Department belongs to a School, the Head of School approves the project.
‘Buildings Maintenance Fund’	The fund referred to in the special regulations for University Funds.
‘Cambridge Assessment’	The operational arm of the Local Examinations Syndicate.
‘Capital Approval’	The approval required (under these regulations) for capital projects where the Cost of works is £2m or above and (under Financial Regulations) expenditure on capital items (inclusive of VAT), is £2m or above.
‘Concept Paper’	A paper setting out the academic or administrative case, value for money, and preliminary costings.
‘CUEF’	Cambridge University Endowment Fund.
‘Department’, ‘Head of Department’	As defined in Financial Regulations.
‘Embedded Company’	A company occupying University premises or whose employees’ normal place of work is on University premises, other than as temporary visitors or to provide services to the University.
‘Emergency Work’ ⁴¹	If an unforeseen Maintenance event causes damage, the minimum work immediately necessary to preserve property and address health and safety risks.
‘Estate Management’	The University’s Estate Management Service.
‘Expenditure Approval’	An approval in accordance with Schedule 3.
‘Funding Approval’	Authority given to Finance Division to issue a building warrant.
‘Financial Regulations’	The University’s Financial Regulations (an Order of Council set out in Ordinances).
‘Investment Board’	The board which manages for the University the investment of the Cambridge University Endowment Fund (CUEF).
‘Investment Office’	The officer group which provides technical management for the Investment Board.
‘Maintenance’	The repair, refreshment, or renewal of what already exists to enable the facilities to function as originally intended, as distinct from Refurbishment and Restructuring; Maintenance does not change the scope, capacity, or structure of any facility, nor does it add or remove any facility; it has the sense of continuance and preservation.
‘Minor Works Expenditure Approval Exemption’	Buildings Committee approval for a Department to proceed with work (not to exceed £50,000) without seeking an Expenditure Approval.
‘Non Operational Estate’	Land and buildings held for the general purposes of the University (e.g. residences) and land and property that could be needed in the foreseeable future for the Operational Estate. It is managed on a self-funded basis and remits income to the Chest.
‘Operational Estate’	Land and buildings currently used for teaching and research or for administrative and other support functions, including the University Farm, and retention of specialist use and ‘churn’ space but excluding land used by Cambridge University Press and Cambridge Assessment (the Local Examinations Syndicate).
‘PPU Land’	Freehold or leasehold land where the sale or transfer or the grant of lease for sixty years or more which would deprive the University of the use of land or buildings which are of present or prospective use to the University.
‘PRC’	Planning and Resources Committee of the Council and the General Board.
‘PRAO’	Planning and Resource Allocation Office.
‘Refurbishment’	Upgrading what exists.
‘Restructuring’	Changing what exists.
‘RMC’	Resource Management Committee.
‘SMMWS’	Space Management and Minor Works Committee
‘Specific Operational Approval’	An approval in accordance with Schedule 4.

⁴¹ Emergency Work conducted by Estate Management is authorized as part of the approval of the Buildings Maintenance Fund which includes an allocation for emergency work.

‘Staff’	All employees irrespective of whether their appointment specifically includes responsibilities for land and buildings and however their employment is financed together with anyone else who has any responsibility for the management or Maintenance of or expenditure on any University land or buildings.
‘Technical Approval’	Confirmation that the proposed budget and specification for building work meet the operational, quality, and technical needs and provide value for money.
‘Total Cost’	The total cost or estimated total cost to bring a project to completion, including without limitation all design work, VAT, constructions costs, and planning advice.
‘University’	The Chancellor, Masters, and Scholars of the University of Cambridge.

Terms are to be understood as used in *Statutes and Ordinances*, unless the context of the regulation requires otherwise. Words preceding ‘include’, ‘includes’, ‘including’ and ‘included’ shall be construed without limitation by the words which follow those words.

If in doubt, consult Estate Management or PRAO. Further written guidance is contained in the Finance Committee, PRC, RMC, and Estate Management⁴² web pages.

⁴² <http://www.admin.cam.ac.uk/offices/em/>, <http://www.admin.cam.ac.uk/cam-only/offices/em/about/sla.html>

Report of the General Board on Senior Academic Promotions: Notice in response to remarks made in Discussion

18 July 2014

The General Board have received the remarks made at the Discussion on 8 July 2014 (*Reporter*, 6355, 2013–14, p. 757) concerning the above Report (*Reporter*, 6351, 2013–14, p. 621).

The Board note Mr Goode’s observation that ‘no women [from the School of the Physical Sciences] were put forward for promotion...’. The Board comment as follows:

- (a) The Senior Academic Promotions procedure is dependent on an officer making an application for promotion. Although it may appear from the statistical summary that no female academic staff from the School of the Physical Sciences chose to apply, one female candidate from the Department of Geography is recommended for promotion to a Readership; however, as this was an interdisciplinary application considered by the Sub-committee for the School of the Humanities and Social Sciences, it is recorded under that School in the annexed statistical analysis.
- (b) It is not helpful to consider the statistics relating to a single year’s exercise in isolation, given the small numbers of applications involved and the time taken for an individual, following a promotion, to develop their academic record to constitute a strong case for promotion to a more senior level. It is not unusual for numbers of applicants and recommendations to fluctuate from year to year.
- (c) Nevertheless, the Board attach the highest priority to improving the representation of women in academic posts, and to ensuring that all are supported in achieving their full potential during their career in the University. To that end, the work of the Equality and Diversity Section, through the Gender Action Plan, approved by the General Board and the Council, includes a number of initiatives specifically aimed at supporting the career development of women and their applications for Senior Academic Promotions in particular. These include:
 - establishing gender champions in each School;
 - support for returning carers;
 - mentoring and coaching;
 - support with preparing *curricula vitae*.

The Board intend to keep the effectiveness of this work under close review, in the light of experience, and will consider further steps as necessary.

The Board note that Mr Goode did not oppose the recommendations of the Report. Accordingly, a Grace is being submitted for the approval of the recommendations of the Report (Grace 2, p. 799).

Cambridge University Assistants' Contributory Pension Scheme

21 July 2014

A change of the rules of the Cambridge University Assistants' Contributory Pension (CPS) is required to permit the surviving spouse of a CPS member to receive the same pension as would be payable to an opposite sex spouse or to a Civil Partner of the member. The proposed rule change, adding new Rule 72 set out below, has been agreed by the CPS Managing Committee.

The change will allow the spouse of a member who is married to the deceased by virtue of the Same Sex Marriages Act (2013) to receive the same pension on the death of the member as would be paid to a spouse of the opposite sex or a registered Civil Partner. It is not expected that this will result in a significant increase in the value of spouses' pensions payable.

Proposed new Rule 72:

72 Same sex marriages

72.1 The Rules shall be read and construed as if following the death of a Member, Deferred Pensioner, Postponed Pensioner or Pensioner who does not leave a spouse entitled to benefits under the Scheme but instead leaves a person to whom he was married pursuant to the Marriage (Same Sex Couples) Act 2013 any benefit under the Scheme that would have been payable to a spouse of the said Member, Deferred Pensioner, Postponed Pensioner or Pensioner will be paid to the same sex spouse provided that:

- (a) the same sex spouse must meet any requirements in the Rules which would have applied to the spouse before such benefit can be paid; and
- (b) any benefit which is reduced by reason of a benefit being payable to a spouse will be likewise reduced if the benefit is payable to a same sex spouse.

The Council is submitting a Grace (Grace 1, p. 799) for the approval of this amendment to the rules governing the CPS.

Annual Reports

The following Annual Reports have been received by the Council or the General Board during the Easter Term 2014 and are available on the websites indicated:

Annual Report of the Sports Syndicate 2012–2013	http://www.admin.cam.ac.uk/reporter/2013-14/weekly/6356/SportsSyndicateAnnualReport2012-13.pdf
University Botanic Garden Annual Report 2012–13	http://www.botanic.cam.ac.uk/ (from the 'About us' tab)
Scott Polar Research Institute Review 2013	http://www.spri.cam.ac.uk/about/sprireview/2013/

VACANCIES, APPOINTMENTS, ETC.

Electors to the Regius Professorship of Divinity

The Council has appointed members of the *ad hoc* Board of Electors to the Regius Professorship of Divinity as follows:

Dr Jennifer Barnes, in the Chair, as the Vice-Chancellor's deputy

(a) *on the nomination of the Council*

Revd Dr Jeremy Morris, *K*
Professor Michael Welker, *University of Heidelberg*

(b) *on the nomination of the General Board*

Professor Sarah Coakley, *MUR*
Professor Martin Millett, *F*
Professor Eugene Rogers, *University of North Carolina*

(c) *on the nomination of the Faculty Board of Divinity*

Professor Janet Soskice, *JE*
Professor John Webster, *University of St Andrews*
Professor Kathryn Tanner, *Yale University*

Electors to the Professorship of Manufacturing Engineering

The Council has appointed members of the *ad hoc* Board of Electors to the Professorship of Manufacturing Engineering as follows:

Professor Steve Young, *EM*, in the Chair, as the Vice-Chancellor's deputy

(a) on the nomination of the Council

Professor Lynn Gladden, *T*
Professor Duc Pham, *University of Birmingham*

(b) on the nomination of the General Board

Professor David Cardwell, *F*
Professor David Dornfeld, *University of California, Berkeley*
Professor Richard Prager, *Q*

(c) on the nomination of the Faculty Board of Engineering

Professor Ian Hutchings, *JN*
Professor Dame Julia King, *Aston University*
Professor Duncan McFarlane, *JN*

Appointments, reappointments, and grants of title

The following appointments, reappointments, and grants of title have been made:

APPOINTMENTS

University Lecturers

Geography. Dr Iris Moeller, Ph.D., *F*, B.A., *Oxford*, M. Phil., *Wales*, appointed from 1 September 2014 until the retiring age and subject to a probationary period of three years.

History. Ms Helen Pfeifer, B.A., *Washington, St Louise*, M.A., *Princeton*, appointed from 1 October 2014 until the retiring age and subject to a probationary period of five years.

Italian. Dr Heather Mariah Webb, B.A., *Middlebury College, USA*, Ph.D., *Stanford*, appointed from 1 September 2014 until the retiring age and subject to a probationary period of three years.

Law. Dr Dominic Arthur De Cogan, Ph.D., *DOW*, B.A., *Oxford*, M.A., *East Anglia*, appointed from 8 September 2014 until the retiring age and subject to a probationary period of five years.

Medicine. Dr Michael Chin-Han Lee, Ph.D., *Q*, M.B.B.S., *National University of Singapore*, appointed from 12 December 2013 until the retiring age and subject to a probationary period of five years.

Associate Lecturer

Clinical Medicine. Dr David Christmas appointed from 1 October 2013 until 30 September 2018.

Assistant Registry

University Offices (Academic Division). Ms Carolyn Ann Read, B.A., *Open*, appointed from 1 December 2013 until the retiring age. Dr Juergen Wastl, B.Sc., *Bayreuth*, Ph.D., *Phillipps Marburg*, appointed from 1 June 2014 until the retiring age.

Computer Officers

University Offices (University Information Services). Mr Mark Andrew Chaney, M.Comp., *Loughborough*, appointed from 11 August 2014 until the retiring age and subject to a probationary period of nine months. Dr Erica Grace Bithell, B.A., Ph.D., *MUR*, appointed from 26 August 2014 until the retiring age and subject to a probationary period of nine months.

REAPPOINTMENTS

Associate Lecturers

Clinical Medicine. Mr Roger Frank Gray reappointed from 1 May 2014 to 30 April 2019. Mr Neville Victor Jamieson, *TH*, and Dr Ashley Shaw reappointed from 1 June 2014 to 31 May 2019. Dr Christopher Sonnex reappointed from 1 September 2014 to 31 August 2019. Mr Robert MacFarlane, *SE*, and Dr Rajini Ramana, reappointed from 1 November 2014 to 31 October 2019.

GRANTS OF TITLE

Affiliated Lecturers

Archaeology. Dr Carena Rachel Lewis, *CC*, has been granted the title of Affiliated Lecturer from 1 October 2014 until 30 September 2016. Dr Piers Dominic Mitchell has been granted the title of Affiliated Lecturer from 1 October 2013 for a further two years.

Continuing Education. Dr Rosemary Elizabeth Horrox, *F*, has been granted the title of Affiliated Lecturer from 1 October 2014 until 30 September 2016.

Judge Business School. Sir David Charles Maurice Bell, *TH*, has been granted the title of Affiliated Lecturer from 1 June 2014 for a further two years.

Music. Dr Silas Wollston has been granted the title of Affiliated Lecturer from 1 October 2014 until 30 September 2016. Mr Andrew Arthur and Mr Timothy James Watts have been granted the title of Affiliated Lecturer from 1 October 2014 for a further two years.

Politics and International Studies. Dr David Clark, Dr Flavio Vasconcellos Comim, *ED*, Dr Solava Ibrahim, Dr Michael Kuczynski, Dr Jacqueline Gay Meeks, *R*, Dr Robert Douglas Weatherley, and Dr Alexandra Winkels, *DAR*, have been granted the title of Affiliated Lecturer from 1 October 2014 for a further two years.

Vacancies in the University

A full list of current vacancies can be found at <http://www.jobs.cam.ac.uk/>.

Lowdean Professorship of Astronomy and Geometry in the Department of Pure Mathematics and Mathematical Statistics; tenure: from 1 January 2015 or as soon as possible thereafter; informal enquiries: Professor Gabriel Paternain, Head of Department (email G.P.Paternain@dpmms.cam.ac.uk; tel: 01223 337995); closing date: 30 September 2014; further particulars: <http://www.admin.cam.ac.uk/offices/academic/secretary/professorships/>; quote reference: LF03865

Herchel Smith Professorship of Pure Mathematics in the Department of Pure Mathematics and Mathematical Statistics; tenure: from 1 January 2015 or as soon as possible thereafter; informal enquiries: Professor Gabriel Paternain, Head of Department (email G.P.Paternain@dpmms.cam.ac.uk; tel: 01223 337995); closing date: 30 September 2014; further particulars: <http://www.admin.cam.ac.uk/offices/academic/secretary/professorships/>; quote reference: LF03866

Teaching Officer in Physical Sciences (part-time) in the Institute of Continuing Education (ICE); salary: £33,562–£45,053 *pro rata*; closing date: 20 August 2014; further particulars: <http://www.jobs.cam.ac.uk/job/4484/>; quote reference: EA03863

The University values diversity and is committed to equality of opportunity.

The University has a responsibility to ensure that all employees are eligible to live and work in the UK.

AWARDS, ETC.**Scholarships and Prizes, etc. awarded**

This content has been removed as it contains personal information protected under the Data Protection Act.

EVENTS, COURSES, ETC.**Announcement of lectures, seminars, etc.**

The University offers a large number of lectures, seminars, and other events, many of which are free of charge, to members of the University and others who are interested. Details can be found on Faculty and Departmental websites, and in the following resources.

The What's On website (<http://www.admin.cam.ac.uk/whatson/>) carries details of exhibitions, music, theatre and film, courses, and workshops, and is searchable by category and date. Both an RSS feed and a subscription email service are available.

Talks.cam (<http://www.talks.cam.ac.uk/>) is a fully searchable talks listing service, and talks can be subscribed to and details downloaded.

Brief details of upcoming events are given below.

<i>Institute for Manufacturing</i>	The eleventh Babbage Lecture: <i>Schumpeterian analysis of economic catch-up: knowledge, path-creation, and the middle income trap</i> , by Keun Lee, on 31 July 2014 at 5 p.m.	http://www.ifm.eng.cam.ac.uk/events/babbage-seminar-series-11/
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NOTICES BY THE GENERAL BOARD**Centre for Research in the Arts, Social Sciences, and Humanities (CRASSH)**

The General Board, on the recommendation of the CRASSH Management Committee and with the endorsement of the Councils of the Schools of Arts and Humanities and of the Humanities and Social Sciences, have agreed that the Chair of the Management Committee should be drawn from class (c) (members appointed by the General Board) instead of class (b) (Heads of the Schools). A consequential amendment has therefore been made to the regulations for the Management Committee (*Statutes and Ordinances*, p. 640).

By amending Regulation 1(b) and (c) so as to read:

- (b) the Heads of the Schools of Arts and Humanities and of the Humanities and Social Sciences;
- (c) six people appointed by the General Board, of whom three shall be appointed on the recommendation of the Council of the School of Arts and Humanities and three on the recommendation of the Council of the School of the Humanities and Social Sciences, and of whom one shall be appointed Chair by the Management Committee;

Regulations for the University Library

The General Board have, in accordance with the changes introduced in 2012 (*Reporter*, 6267, 2011–12, p. 614) and on the recommendation of the Library Syndicate, approved an updated list of affiliated libraries.

By amending the Schedule to the regulations for staff of the University Library and the affiliated libraries (*Statutes and Ordinances*, p. 659) so as to read:

SCHOOL OF ARTS AND HUMANITIES

Asian and Middle Eastern Studies Library
English Library
Pendlebury Library of Music
Philosophy Library

SCHOOL OF THE BIOLOGICAL SCIENCES

Central Science Library

SCHOOL OF CLINICAL MEDICINE

Medical Library

SCHOOL OF THE HUMANITIES AND SOCIAL SCIENCES

African Studies Library
Everton Library of Education
Haddon Library of Archaeology and Anthropology
Land Economy Library
Marshall Library of Economics
Radzinowicz Library of the Institute of Criminology
Seeley Historical Library
Social and Political Sciences Library

South Asian Studies Library
 Squire Law Library
 Whipple Library of the History and Philosophy of Science

SCHOOL OF THE PHYSICAL SCIENCES
 Betty and Gordon Moore Library

Borrowing from the University Library

The General Board have, on the recommendation of the Syndicate, recognized the following institutions whose members may borrow books from the University Library under the conditions specified in the regulations for the use of the University Library (*Statutes and Ordinances*, p. 661). All of the institutions are partners in the Cambridge Conservation Initiative.

British Trust for Ornithology
 Fauna and Flora International
 International Union for Conservation of Nature
 Royal Society for the Protection of Birds
 TRAFFIC
 Tropical Biology Association

Report of the General Board on Senior Academic Promotions: Correction

In the schedule to the Report of the General Board on Senior Academic Promotions published on 11 June 2014 (*Reporter*, 6351, 2013–14, p. 621) listing the individuals appointed to University Senior Lectureships, Dr Suzanne Turner was wrongly listed as being a member of Darwin College; in fact, she has no College affiliation.

REGULATIONS FOR EXAMINATIONS

Examinations in American History, Modern British History, and World History for the M.Phil. Degree

With effect from 1 October 2015

The General Board, on the recommendation of the Faculty Board of History and with the support of the Degree Committee of the Faculty of History, have approved American History, Modern British History, and World History as subjects for advanced study for the M.Phil. Degree with effect from 1 October 2015. Special regulations for the examinations in the subjects have been approved as follows:

AMERICAN HISTORY

1. The scheme of examination for the one-year course of study in American History for the degree of Master of Philosophy shall consist of:

- (a) a thesis of not less than 15,000 words and not more than 20,000 words in length, including notes and appendices, but excluding bibliography, on a topic approved by the Degree Committee for the Faculty of History;
- (b) one essay of not more than 4,000 words in length, on a topic chosen by the candidate from a list of topics approved by the Degree Committee and falling within the following fields covered by the core course: Readings in American History and Historiography
- (c) two essays, of not more than 4,000 words in length, on topics approved by the Degree Committee and falling within the fields covered by the following courses:
 1. Politics and society in twentieth-century America
 2. The history of immigration, ethnicity, and nationality in the United States
 3. War and society in the United States since 1917
 4. Atlantic worlds, c. 1500–1800

A candidate's choice of essay topic shall be associated with their course selections.

The Degree Committee shall publish the topics under Regulation 1(b) and (c) no later than the end of Easter Term in the academical year preceding the examination.

2. At the discretion of the Examiners the examination may include an oral examination on the thesis and on the general field of knowledge within which it falls.

MODERN BRITISH HISTORY

1. The scheme of examination for the one-year course of study in Modern British History for the degree of Master of Philosophy shall consist of:

- (a) a thesis of not less than 15,000 words and not more than 20,000 words in length, including notes and appendices, but excluding bibliography, on a topic approved by the Degree Committee for the Faculty of History;
- (b) one essay of not more than 4,000 words in length, on a topic chosen by the candidate from a list of topics approved by the Degree Committee and falling within the following fields covered by the core course:
 - 1. The first industrial nation
 - 2. The language of the social order
 - 3. Liberalism and its limits
 - 4. The impact of empire
 - 5. The rise and fall of 'separate spheres'
 - 6. The intellectuals and the masses
 - 7. Democracy and its limits
- (c) two essays, of not more than 4,000 words in length, on topics approved by the Degree Committee and falling within the fields covered by the following courses:
 - 1. The long 18th century
 - 2. Cold War Europe and the USA
 - 3. Class and social militancy in the long 20th century
 - 4. History and public policy
 - 5. Options included in the programme from year to year
 A candidate's choice of essay topic shall be associated with their course selections.

The Degree Committee shall have power to give notice of any addition or variation to the list of options announced in Regulation 1(c) where it is satisfied that no candidate's preparation for the examination will be affected. The Degree Committee for History shall publish the list of topics under Regulation 1(b) and (c) no later than the end of Easter Term in the academical year preceding the examination.

2. At the discretion of the Examiners the examination may include an oral examination on the thesis and on the general field of knowledge within which it falls.

WORLD HISTORY

1. The scheme of examination for the one-year course of study in World History for the degree of Master of Philosophy shall consist of:

- (a) a thesis of not less than 15,000 words and not more than 20,000 words in length, including notes and appendices, but excluding bibliography, on a topic approved by the Degree Committee for the Faculty of History;
- (b) one essay of not more than 4,000 words in length, on a topic chosen by the candidate from a list of topics approved by the Degree Committee and falling within the following fields covered by the core course: Debates in world history

The Degree Committee for History shall publish the topics under Regulation 1(b) no later than the end of Easter Term in the academical year preceding the examination.

- (c) two essays, of not more than 4,000 words in length, on topics chosen from the following list of course options:
 - 1. Global thinkers
 - 2. Global China
 - 3. Inequality: a global history
 - 4. Print cultures in African history: publics, politics, and identities
 - 5. Options as included in the programme from year to year

The Degree Committee shall have power to give notice of any addition or variation to the list of options announced in Regulation 1(c) where it is satisfied that no candidate's preparation for the examination will be affected.

2. At the discretion of the Examiners the examination may include an oral examination on the thesis and on the general field of knowledge within which it falls.

Examination in Modern Society and Global Transformations for the M.Phil. Degree

(*Statutes and Ordinances*, p. 531)

With effect from 1 October 2015

The General Board, on the recommendation of the Degree Committee for the Faculty of Human, Social, and Political Science, have approved amendments to the current regulations to introduce pathways to the scheme of examination so as to allow a candidate for the M.Phil. Degree to pursue a specialist area of study. A change to the title of the subject, from Modern Society and Global Transformations to Sociology, has also been approved.

The current regulations have accordingly been rescinded and replaced with the following:

SOCIOLOGY

1. Each candidate shall, at the commencement of study, select one of the pathways specified at the end of these regulations.

2. The Degree Committee for the Faculty of Human, Social, and Political Science shall have power to withdraw any of the pathways prescribed at the end of these regulations upon Notice given in the *Reporter* not later than the end of the Full Easter Term next but one preceding the examination in question.

3. The scheme of examination for the one-year course of study in Sociology for the degree of Master of Philosophy shall consist of:

- (a) *either* (i) one essay, of not less than 2,500 words and not more than 3,000 words,¹ on topics approved by the Degree Committee, which fall within the pathway chosen in accordance with Regulation 1;
- or* (ii) course-work as prescribed by the Degree Committee on subjects falling within the fields of statistical methods, survey methods, and ethnographic research methods;
- (b) two essays, each of not less than 4,000 words and not more than 5,000 words,¹ on topics approved by the Degree Committee, with at least one essay falling within the pathway chosen in accordance with Regulation 1;
- (c) a thesis, of not less than 15,000 and not more than 20,000 words,¹ on a subject approved by the Degree Committee, falling within the field of the pathway chosen in accordance with Regulation 1.

The topics approved by the Degree Committee under Regulation 3(a) and 3(b) shall be published not later than the Easter Term in the academical year preceding the examination.

4. The examination shall include an oral examination on the essays and the thesis and on the general field of knowledge within which they fall; save that the Examiners may, at their discretion, waive the requirement for an oral examination.

PATHWAYS

Modern society and global transformations

Political and economic sociology

The sociology of media and culture

The sociology of reproduction²

¹ Including footnotes, tables, and appendices.

² This pathway will not be offered in 2015–16.

Examination in Modern South Asian Studies for the M.Phil. Degree

(*Statutes and Ordinances*, p. 531)

With effect from 1 October 2014

The General Board, on the recommendation of the Degree Committee for the Faculty of Human, Social, and Political Science, have approved an amendment to Regulation 1(b) so as to read:

- (b) an essay of not more than 3,000 words on a topic chosen from a list of topics prescribed by the Degree Committee which are related to the core course; *and* a book review of not more than 2,000 words on a book chosen by the candidate within the remit of the core course;

Examination in Nuclear Energy for the M.Phil. Degree

(*Statutes and Ordinances*, p. 533)

With effect from 1 October 2014

The General Board, on the recommendation of the Degree Committee for Engineering, have approved amendments to the regulations for the M.Phil. Degree in Nuclear Energy. Regulation 1(b) has been amended, replacing the requirement for a thesis of 20,000 words as follows:

- (b) an individual research project, on a topic approved by the Degree Committee, comprising
 - (i) a reading and planning stage, delivering a report of up to 4,000 words and an oral presentation,
 - and
 - (ii) a research and write-up stage, delivering a dissertation of up to 15,000 words and an oral presentation.

Word counts shall include figures, but not the title page, appendices, or bibliography.

All other parts of the examination remain unchanged.

The Degree Committee for Engineering have confirmed that no candidate's preparation for the examination in 2015 will be affected.

Examinations in Future Infrastructure and Built Environment, Gas Turbine Aerodynamics, and Graphene Technology for the M.Res. Degree

With effect from 1 October 2014

Further to the Notice published on 22 January 2014 (*Reporter*, 6334, 2013–14, p. 305), on the recommendation of the Degree Committee for the Faculty of Engineering, the General Board have approved revised special regulations for examination in the above three subjects as follows:

FUTURE INFRASTRUCTURE AND BUILT ENVIRONMENT

1. The scheme of examination for the one-year course of study in Future Infrastructure and Built Environment for the degree of Master of Research shall consist of:

- (a) six modules selected from a list of mandatory and optional modules published by the Degree Committee for the Faculty of Engineering not later than the end of the Easter Term of the academical year preceding that in which the examination is to be held; each module shall be examined either by a written paper, or by course-work, or by a combination of the two;
- (b) three reports – one of up to 2,000 words; one of up to 3,000 words; one of up to 5,000 words – on projects approved by the Degree Committee; words counts are inclusive of diagrams and footnotes, but exclude bibliography and appendices;
- (c) a thesis, of no more than 12,000 words in length, including diagrams and footnotes, but excluding bibliography and appendices, on a subject approved by the Degree Committee; its assessment shall include an oral presentation of the project work on which the thesis is based.

2. The Degree Committee shall have the power to give notice of additional modules not later than the end of the Michaelmas Term of the academical year of the examination.

3. The examination may include, at the discretion of the Examiners, an oral examination on the reports and on the general field of knowledge within which they fall, and on the other work submitted by the candidate under Regulation 1.

GAS TURBINE AERODYNAMICS

1. The scheme of examination for the one-year course of study in Gas Turbine Aerodynamics for the degree of Master of Research shall consist of:

- (a) six modules selected from a list of mandatory and optional modules published by the Degree Committee for the Faculty of Engineering not later than the end of the Easter Term of the academical year preceding that in which the examination is to be held;
- (b) three reports, each of not more than 4,000 words in length, including diagrams and footnotes, but excluding bibliography and appendices, on projects approved by the Degree Committee;
- (c) two industry courses to be assessed in such manner as the Degree Committee shall determine. The Degree Committee shall announce the form of assessment not later than the end of the Michaelmas Term of the academical year in which the examination takes place;

- (d) a thesis, of no more than 12,000 words in length, including diagrams and footnotes, but excluding bibliography and appendices, on a subject approved by the Degree Committee; its assessment shall include an oral presentation of the project work on which the thesis is based.
2. Students who have taken papers from Part IIB of the Engineering Tripos prior to starting the course may, with the permission of the Degree Committee, substitute one elective module under Regulation 1(a) above for a technical report on an extension of one of those papers.
 3. The Degree Committee shall have the power to give notice of additional modules not later than the end of the Michaelmas Term of the academical year of the examination.
 4. The examination may include, at the discretion of the Examiners, an oral examination on the reports and on the general field of knowledge within which they fall, and on the other work submitted by the candidate under Regulation 1.

GRAPHENE TECHNOLOGY

1. The scheme of examination for the one-year course of study in Graphene Technology for the degree of Master of Research shall consist of:
 - (a) six modules, assessed by written examination, given on a list of mandatory modules published by the Degree Committee for the Faculty of Engineering not later than the end of the Easter Term of the academical year preceding that in which the examination is to be held;
 - (b) research skills sessions of such number, and to be assessed in such manner, as the Degree Committee shall determine. The Degree Committee shall announce the form of assessment not later than the end of the Michaelmas Term of the academical year in which the examination takes place;
 - (c) two reports, each of not more than 12,000 words in length, including diagrams and footnotes, but excluding bibliography and appendices, on projects approved by the Degree Committee.
2. The Degree Committee shall have the power to give notice of additional modules not later than the end of the Michaelmas Term of the academical year of the examination.
3. The examination may include, at the discretion of the Examiners, an oral examination on the reports and on the general field of knowledge within which they fall, and on the other work submitted by the candidate under Regulation 1.

Final Veterinary Examination, Part I, 2014–15

SUPPLEMENTARY REGULATIONS

(*Statutes and Ordinances*, p. 559)

The Faculty Board of Veterinary Medicine have approved the following changes to the supplementary regulations for the Final Veterinary Examination, Part I.

FINAL VETERINARY EXAMINATION

PART I

The papers and practical components of the examinations shall be as follows:

- | | |
|-----------|--------------------------------------|
| Paper 1. | Respiratory system |
| Paper 2. | Principles of clinical practice |
| Paper 3. | Dermatology |
| Paper 4. | Principles of infectious diseases |
| Paper 5. | Clinical pathology |
| Paper 6. | Alimentary system |
| Paper 7. | Integrated animal management |
| Paper 8. | Urology |
| Paper 9. | Animal breeding |
| Paper 10. | Neurology |
| Paper 11. | Endocrinology and metabolic diseases |
| Paper 12. | Cardiology |
| Paper 13. | Veterinary public health |

The written papers will each be of one hour's duration, excepting Papers 1 (which will have a practical component), 2, and 13, which will each be of 90 minutes' duration, and Paper 6, which will be of two hours' duration and have a practical component.

NOTICES BY FACULTY BOARDS, ETC.**Classical Tripos, Part II, 2016: Amendment to prescribed subject**

The Faculty Board of Classics give notice of the following amendment to the prescribed subjects for the Classical Tripos, 2016 (*Statutes and Ordinances*, p. 295):

PART II

GROUP B (PHILOSOPHY)

Paper B2. Aristotle

Aristotle's world, from turtles to tragedies

Classical Tripos: Prescribed subjects and books

The details of subjects and books prescribed for the following examinations in the Classical Tripos are available on the (Raven protected) Faculty of Classics CAMTOOLS site at Faculty of Classics / Resources / Information for students / Undergraduate Students / Tripos prescribed subjects and books / 2015 examination:

Preliminary examination for Part IA of the Classical Tripos, 2015

Parts IA, IB, and II of the Classical Tripos, 2015.

The details of subjects and books prescribed for the following examinations in the Classical Tripos are available on the (Raven protected) Faculty of Classics CAMTOOLS site at Faculty of Classics / Resources / Information for students / Undergraduate Students / Tripos prescribed subjects and books / 2016 examination:

Part II of the Classical Tripos, 2016.

Natural Sciences Tripos, Part II (Biological and Biomedical Sciences), 2014–15

The Faculty Board of Biology gives notice that the following combination of major and minor subjects, additional to, or amending, those previously published (*Reporter*, 2013–14; 6336, p. 358; 6355, p. 739), will be offered in the Natural Sciences Tripos, Part II (Biological and Biomedical Sciences) in 2014–15:

Major subjects

Code	Major subject	Permissible minor subjects	Examination requirements
408	Pharmacology	104 107 108 109 113 114 115 116 117 119 120 122 125 126 127	Four written papers of three hours each.
411	Biochemistry (<i>maximum of 7 candidates</i>)	104 108 113 114 122	Five written papers: four papers of three hours each and one paper of three and a quarter hours.

The Minor subjects for 2014–15 will be:

Code	Minor subject	Examination requirements
103	Health and disease (Bio Anth Foundation BAN4) (<i>maximum of 7 candidates</i>)	One written paper of three hours' duration.
104	Human origins (Bio Anth Foundation BAN3) (<i>maximum of 7 candidates</i>)	One written paper of three hours' duration.
105	Behavioural ecology (Bio Anth Foundation BAN2) (<i>maximum of 7 candidates</i>)	One written paper of three hours' duration.

Law Tripos, 2014–15: Notice of half-papers for Paper 48

The Faculty Board of Law give notice that, in accordance with Regulation 16, the following subjects have been prescribed as half-papers for Paper 48 of the Law Tripos in 2014–15 (*Statutes and Ordinances*, p. 361):

Civil procedure
Landlord and tenant law
Law of taxation
Banking law
European human rights law
Historical foundations of the British constitution
Later history of the civil law

European environmental and sustainable development law
 Topics in legal and political philosophy
 Law and development
 Personal information law
 Legitimacy of judicial review

Law Tripos, Part II, 2014–15: Notice of seminar papers

The Faculty Board of Law give notice that the following subjects have been prescribed for seminar courses in Part II of the Law Tripos in 2014–15 (Regulation 20(a), *Statutes and Ordinances*, p. 361):

Family in society
 Select issues in international law
 Public law
 The legal process: justice and human rights
 Crime and criminal justice
 Ethics and the criminal law
 Law and ethics of medicine

Bachelor of Theology for Ministry: Special subjects and prescribed texts

The Faculty Board of Divinity give notice that the list of special subjects and prescribed texts for the Bachelor of Theology for Ministry in 2015 (*Statutes and Ordinances*, p. 451) is available at <http://www.theofed.cam.ac.uk/bth.html>.

M.C.L., 2014–15: Notice of designated papers and forms of examination

The Faculty Board of Law give notice that the following designated papers have been prescribed for the M.C.L. Examination, 2015 (M.C.L. Regulation 6, *Statutes and Ordinances*, p. 470):

No.	Paper title	Form of examination
7	Corporate insolvency law	3
9	Corporate finance law	3
32	Commercial equity	3
	Deals	c
	Comparative corporate governance (module)	2
	Corporate taxation (module)	2
	US corporate law (module)	2
	Shareholder litigation (module)	2
	International merger control (module)	2
	Financial management (module)	2

Explanation of forms of examination

‘3’ indicates a subject in which a three-hour final examination is required; a candidate has no option of substituting a thesis or a two-hour examination and an essay.

‘2’ indicates a subject in which a two-hour final examination is required; a candidate has no option of substituting a thesis.

‘c’ indicates a subject in which candidates will be evaluated by course-work prescribed by the Faculty Board from time to time.

LL.M., 2014–15: Notice of designated papers, prescribed subjects, and forms of examination

The Faculty Board of Law give notice that they have prescribed the following papers and forms of examination for the LL.M. examination, 2015 (LL.M. Regulations 1 and 2, *Statutes and Ordinances*, p. 471).

No.	Paper title	Form of examination	Designation
2	International commercial tax	t	c
3	International commercial litigation	3	c, e
4	Law of restitution	t	c
5	Economics of law and regulation	t	c, e
6	Law and information	3	c, e, ip
7	Corporate insolvency law	3	c
9	Corporate finance law	t	c
11	Criminal justice – players and processes	es, t	
12	Intellectual property	es, t	c, e, ip
13	Contemporary issues in the law of European integration	t	e
14	Competition law	3	c, e, ip*
15	International environmental law	t	i
16	Constitutional law of the European Union	t	e
17	E.U. trade law	t	e
18	External relations law of the European Union	t	e
20	Law of armed conflict, use of force, and peacekeeping	3	i
21	Settlement of international disputes	t	i
23	The law of the World Trade Organization	t	c, i, ip*
24	International criminal law	t	i
25	International human rights law	t	i
26	Civil liberties and human rights	es	
27	The birth, development, and afterlife of states	3	i
30	Jurisprudence	3	
31	Topics in legal and political philosophy	3	
32	Commercial equity	t	c
33	Comparative family law and policy	t	
35	History of English civil and criminal law	t	
36	International intellectual property law	es, t	c, e, i, ip
37	European legal history	3	
38	Seminar paper		

* A candidate applying for an IP designation may only offer either Paper 14 or Paper 23.

Explanation of forms of examination

- A candidate may take a written paper of three hours' duration in all the subjects listed above, other than Paper 38.
- Paper 38: Seminar paper. Paper 38 shall be examined by the submission of a thesis which shall not, without the leave of the Faculty Board, exceed 18,000 words, including footnotes and appendices but excluding bibliography, on a topic approved by the Faculty Board which falls within the scope of one of the following seminar courses prescribed for 2014–15:
 - European social rights and economic integration
 - Public law
 - History of intellectual property law
- 'es' indicates a subject in which a candidate has a free choice between:
 - a written paper of three hours' duration; and
 - a written paper of two hours' duration together with the submission of an essay of not more than 7,000 words, including footnotes and appendices but excluding bibliography, on a topic approved by the Faculty Board which falls within the field of the subject.
- 't' indicates a subject in which a candidate may submit a thesis in lieu of a final examination. The thesis shall not, without the leave of the Faculty Board, exceed 18,000 words, including footnotes and appendices but excluding bibliography. It shall be on a topic approved by the Faculty Board falling within the field of the subject.
- '3' indicates a subject in which a three-hour final examination is required, the candidate having no option of substituting a thesis or a two-hour examination and an essay.
- In 2014–15 there are no subjects which may be examined only in the form of a written paper of two hours' duration together with the submission of an essay of not more than 7,000 words, including footnotes and appendices but excluding bibliography, on a topic approved by the Faculty Board which falls within the field of the subject.

Examinations in Archaeology for the M.Phil. Degree, 2014–15

The Degree Committee of the Faculty of Human, Social, and Political Science give notice of the following list of modules to be offered by the Division of Archaeology for examination in 2014–15 for the degree of Master of Philosophy. The methods of examination will be as follows:

G01	Research skills	2,000-word research design and presentation (100%)
G02	Core archaeology	Examination (67%) and 3,000-word essay (33%)
G03	Palaeolithic and Mesolithic archaeology	Examination (67%) and 3,000-word essay (33%)
G04	European prehistory	Examination (67%) and 3,000-word essay (33%)
G06	Medieval Europe: 5th–11th centuries AD	Examination (67%) and 3,000-word essay (33%)
G07	Medieval Europe: 11th–16th centuries AD	Examination (67%) and 3,000-word essay (33%)
G08	Archaeology of the Americas	Examination (67%) and 3,000-word essay (33%)
G09	South Asian archaeology	Examination (67%) and 3,000-word essay (33%)
G10	Archaeological science	Examination (67%) and 3,000-word essay (33%)
G11	Material culture	Examination (67%) and 3,000-word essay (33%)
G12	Directed reading	Two 4,000-word essays (50% each)
G13	Introduction to Egyptian language	100% examination
G14	Advanced Egyptian language	100% examination
G16	Demotic	100% examination
G17	Historical archaeology of Ancient Egypt I	Examination (67%) and 3,000-word essay (33%)
G19	Landscapes, built environment, and material culture of Ancient Egypt	Two 4,000-word essays (50% each)
G20	Topics in Egyptology	Examination (67%) and 3,000-word essay (33%)
G21	Sumerian language and texts	100% examination
G22	Elementary Akkadian language and texts	100% examination
G23	Advanced Akkadian language and texts	100% examination
G24	Archaeology of Mesopotamia I: prehistory and early states	Examination (67%) and 3,000-word essay (33%)
G27	Mesopotamian culture II: religion and scholarship	Two 4,000-word essays (50% each)
G29	Socio-politics of the past	Examination (67%) and 3,000-word essay (33%)
G30	Museums: history theory, practice	Examination (67%) and 3,000-word essay (33%)
G31	Management of archaeological heritage	Two 4,000-word essays (50% each)
G32	Practical applications of scientific methods	Two 4,000-word practical reports (50% each)

Examinations in Economics for the M.Phil. Degree in Economics and the M.Phil. Degree in Economic Research, 2014–15

The Faculty Board of Economics and the Degree Committee for the Faculty of Economics give notice, with the approval of the Student Registry and the General Board, that in the academical year 2014–15 the subjects for examination will be as listed below.

Core modules

- M100: Microeconomics I
- M200: Macroeconomics I
- M300: Econometric methods

Advanced modules

- M110: Microeconomics II
- M120: Topics in economic theory
- M210: Macroeconomics II
- M220: Macroeconomics III
- M310: Times series
- M320: Cross section and panel data econometrics

Applied modules

- M130: Applied microeconomics
- M230: Applied macroeconomics
- M330: Applied econometrics

Specialist modules

M140:	Behavioural economics
M150:	Economics of networks
M160:	Political economy
M170:	Industrial organization
M180:	Labour: search, matching, and agglomeration
M500:	Development economics
M600:	Topics in macroeconomic theory
M610:	British industrialism
F300:	Corporate finance
F400:	Asset pricing
F500:	Empirical finance
F510:	International finance
F520:	Behavioural finance

The method of examination for all modules will be by a two-hour written paper.

Examination in Energy Technologies for the M.Phil. Degree, 2014–15

The Degree Committee for the Faculty of Engineering give notice that the modules available to candidates studying the one-year course in Energy Technologies for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 520) in the academical year 2014–15, and the form of examination of each module, will be as follows:

Core courses (compulsory)

Reference	Name	Mode of assessment
ETA1	Energy topics	Course-work
ETA2	Revision of fundamentals	Course-work
ETB1	Clean fossil fuels	Course-work
ETB2	Renewables 1: wind, wave, tidal, and hydro	Course-work
ETB3	Renewables 2: solar and biofuels	Course-work

Electives (students must choose either five or seven depending on dissertation length)

Reference	Name	Mode of assessment
ETB4	Energy systems and efficiency	Course-work
4A2	Computational fluid dynamics	Course-work
4A3	Turbomachinery I	Course-work and examination
4A7	Aerodynamics	Course-work
4A9	Molecular thermodynamics	Examination
4A10	Flow instability	Examination
4A12	Turbulence and vortex dynamics	Examination
4A13	Combustion and IC engines	Examination
4B14	Solar-electronic power: generation and distribution	Course-work and examination
4B19	Renewable electrical power	Examination
4D13	Architectural engineering	Course-work
4E4	Management of technology	Course-work
4M16	Nuclear power engineering	Examination
4M18	Present and future energy systems	Examination
4M19	Advanced building physics	Course-work
5R10	Turbulent reacting flows	Course-work
5R18	Environmental fluid mechanics and air pollution	Course-work
B2	Catalysis	Examination
B4	Electrochemical engineering	Examination
B8	Particle technology	Examination

Research requirements

Each candidate who takes five electives must submit a thesis of up to 20,000 words on a subject approved by the Degree Committee; each candidate who takes seven electives must write a thesis of up to 10,000 words on a subject approved by the Degree Committee.

The Degree Committee for the Faculty of Engineering reserve the right to amend these lists during the Michaelmas Term 2014.

Examinations in Economics for the M.Phil. Degree in Finance and Economics, 2014–15

The Faculty Board of Economics and the Degree Committee for the Faculty of Economics give notice, with the approval of the Student Registry and the General Board, that in the academic year 2014–15 the subjects for examination will be as listed below.

Core modules

F100:	Finance I
F 200:	Finance II
F300:	Corporate finance
F400:	Asset pricing
M100:	Microeconomics I
M300:	Econometric methods

Specialist modules

F500:	Empirical finance
F510:	International finance
F520:	Behavioural finance
F530:	Venture capital in the innovation economy
F540:	Topics in applied asset management
M110:	Microeconomics II
M120:	Topics in economic theory
M130:	Applied microeconomics
M140:	Behavioural economics
M200:	Macroeconomics I
M310:	Time series
M320:	Cross section and panel data econometrics

Mathematical Tripos, Part III

Optimal investment

The method of examination for all modules will be by a two-hour written paper.

Examination in Engineering for Sustainable Development for the M.Phil. Degree, 2014–15

The Degree Committee for the Faculty of Engineering give notice that the modules available to candidates studying the one-year course in Engineering for Sustainable Development for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 521) in the academical year 2014–15 and the form of examination of each module will be as follows:

Inner core modules (mandatory)

TEACHING TO TAKE PLACE IN MICHAELMAS 2014

Reference	Name	Mode of assessment
ESD100	Organizational change, values, and negotiation	Course-work
ESD200	Sustainability methods and metrics	Course-work

TEACHING TO TAKE PLACE IN MICHAELMAS 2014 AND LENT TERM 2015

Reference	Name	Mode of assessment
MOTI	Management of technology and innovation	Course-work

Outer core modules (candidates must take at least two)¹

TEACHING TO TAKE PLACE IN LENT 2015

Reference	Name	Mode of assessment ²
ESD300	Sustainability assessment of large infrastructure projects	Course-work
ESD450	Policy, legislation, and government	Course-work
ESD500	Sustainable design and implementation	Course-work
ESD600	Development engineering	Course-work

¹ Two modules may be selected from the outer core as elective modules.

² All written examinations are of one and a half hours' duration unless otherwise specified.

Elective modules

TEACHING TO TAKE PLACE IN MICHAELMAS 2014

Reference	Name	Mode of assessment
ESD–A2	Sustainable architecture and urban design	Course-work
ESD–E45 ³	Environmental engineering	Coursework
4B14	Solar-electronic power: generation and distribution	Course-work and Examination
4B19	Renewable electrical power	Examination
4D13	Architectural engineering	Course-work
4D14	Contaminated land and waste containment	Course-work and Examination
4D16	Construction management	Examination
4E4	Management of technology	Course-work
4E6 ⁷	Accounting and finance	Course-work
4M18	Present and future energy systems	Examination
4M19	Advanced building physics	Course-work
ETB2 ⁷	Renewable energy: wind, wave, tidal, and hydro	Course-work
TP1	Introduction to technology policy	Course-work
TPE6 ⁴	Strategic valuation uncertainty and real options in system design	Course-work
TPE8	System dynamics for policy and management	Course-work
TPE9	Negotiation skills	Course-work
EP02 ⁴	Fundamentals of environmental economics	Course-work

TEACHING TO TAKE PLACE IN LENT 2015

Reference	Name	Mode of assessment
ESD350 ⁵	Sustainable built environments	Course-work
4D15	Sustainable water engineering	Course-work
4E5	International business economics	Course-work
4E11	Strategic management	Course-work
4G4	Biomimetics	Course-work
4M15	Sustainable energy	Course-work
4I7	Electricity and environment	Course-work
5R18	Environmental fluid mechanics and air pollution	Course-work
ETB3 ^{6,7}	Renewable energy: solar and biomass	Course-work
TPE7	Political economy of technology policy	Course-work
TPE10	Management of the innovation process	Course-work
TPE14 ⁷	Project management	Course-work
MM20 ⁷	Environment and sustainability	Course-work
EP10 ⁴	Climate change policy and land development	Examination

Research requirements

All candidates are required to submit a dissertation of up to 15,000 words on a topic approved by the Degree Committee.

The Degree Committee for the Faculty of Engineering reserve the right to amend these lists during the Michaelmas Term 2014.

³ Subject to numbers.

⁴ A cap will be placed of approximately five ESD students per module.

⁵ Provisional, and to be confirmed for a block week in March 2015 (with participation from KTH Sweden).

⁶ Lectures in both Michaelmas and Lent Terms (classed as Lent module).

⁷ Limited places available.

Examination in Industrial Systems, Manufacturing, and Management for the M.Phil. Degree, 2014–15

The Degree Committee for the Faculty of Engineering give notice that the modules available to candidates studying the one-year course in Industrial Systems, Manufacturing, and Management for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 526) in the academical year 2014–15, and the form of examination of each module, will be as follows:

Taught modules (all compulsory)

Reference	Name	Mode of assessment
MT1	Industrial systems	Course-work
MT2	Marketing and business strategy	Course-work
MT3	Overseas research project	Course-work
MT4	Manufacturing processes	Course-work

Projects (all compulsory)

Reference	Name	Mode of assessment
PR1	Induction project	Course-work
PR2	Industrial systems project	Course-work
PR3	Marketing, business strategy, and design project	Course-work
PR4	Manufacturing processes and technology innovation management project	Course-work

Research requirement

All candidates must submit a thesis of not more than 15,000 words on a subject approved by the Degree Committee.

The Degree Committee for the Faculty of Engineering reserve the right to amend this list during the Michaelmas Term 2014.

Examination in Nuclear Energy for the M.Phil. Degree, 2014–15

The Degree Committee for the Faculty of Engineering give notice that the modules available to candidates studying the one-year course in Nuclear Energy for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 533) in the academical year 2014–15, and the form of examination of each module, will be as follows:

Compulsory core modules

Reference	Name	Mode of assessment
NE1	Reactor physics	Examination
NE2	Reactor engineering and thermal-hydraulics (<i>double</i>)	Course-work and examination
NE5A	Nuclear safety principles and practice (<i>half</i>)	Course-work and examination
NE6	Nuclear policy	Course-work
NE7	Nuclear practice (<i>half</i>)	Course-work

Other core modules (candidates must take at least one)

Reference	Name	Mode of assessment
NE3	Materials for nuclear energy	Examination
NE4	Fuel cycle, waste, and decommissioning	Examination
NE5B	Advanced reactors (<i>half</i>)	Course-work and examination
NE5C	Fusion systems (<i>half</i>)	Course-work and examination
NE8	Computational reactor modelling	Course-work

Elective modules

Reference	Name	Mode of assessment
4A2	Computational fluid dynamics	Course-work
4A3	Turbomachinery I	Course-work and examination
4B13	Electronic sensors and instrumentation	Examination
4B14	Solar-electronic power: generation and distribution	Course-work and examination
4B19	Renewable electrical power	Examination
4C4	Design methods	Examination
4C7	Random and non-linear vibrations	Course-work and examination
4D7	Concrete structures	Course-work and examination
4D10	Structural steelwork	Course-work and examination
4D17	Plate and shell structures	Course-work
4E4	Management of technology	Course-work
4E5	International business economics	Course-work
4E6	Accounting and finance	Course-work

4E11	Strategic management	Course-work
4F1	Control system design	Course-work and examination
4F2	Robust and nonlinear systems and control	Examination
4F12	Computer vision and robotics	Examination
4I8	Medical physics	Examination
4M12	Partial differential equations and variational methods	Examination
4M15	Sustainable energy	Course-work
4M17	Practical optimization	Course-work
ESD500	Sustainable design and implementation	Course-work
B4	Electrochemical engineering	Examination
B5	Fluid mechanics and environment	Examination
TP1	Introduction to technology policy	Course-work
TPE6	Strategic valuation uncertainty and real options in system design	Course-work
TPE7	Political economy of technology policy	Course-work
TPE8	System dynamics for policy and management	Course-work
TPE10	Management of the innovation process	Course-work
TPE14	Project management	Course-work
MM10	Globalization at the crossroads	Course-work
M3	Extraction and recycling	Examination
M15	Corrosion and protection	Examination
M16	Atomistic materials modelling	Examination
M21	Steels	Examination
PNP	Particle and nuclear physics/comp physics	Examination

Note that some options are half modules, and one is a double module. This is indicated above in the module names.

Research

All candidates are required to submit a dissertation of up to 15,000 words on a topic approved by the Degree Committee.

The Degree Committee for the Faculty of Engineering reserve the right to amend this list during the Michaelmas Term 2014.

Examination in Public Policy for the M.Phil. Degree, 2014–15

The Degree Committee for the Faculty of Human, Social, and Political Science give notice of the following list of modules to be offered for examination for the M.Phil. Degree in Public Policy (*Statutes and Ordinances*, p. 535) in the academical year 2014–15:

Case studies

Title

Tackling the global challenge of dementia

Health and welfare: 'Regulating human embryology'
Risk and resilience: 'Legislating about climate change'

Method of assessment

Two problem sets of three to four questions; group presentation based on the case; individual summary memo of 500 – 700 words on the case.

One essay of no more than 3,000 words
One essay of no more than 3,000 words

Modules

Title

Macroeconomics
Philosophy and public affairs
Statistics (*half module*)
Systems (*half module*)
Scientific method and the nature of evidence

Political and legal institutions
Topics in economic policy (*half module*)
The media (*half module*)
Social intelligence

Method of assessment

One three-hour written examination
One essay of no more than 3,000 words
A project set by the course co-ordinator
Course-work assessed by the course co-ordinator
A group presentation; individual summary memo of 500 – 700 words on the case
One three-hour written examination.
One essay of no more than 3,000 words
One project the equivalent of 3,000 words
One project and one presentation to be set by the course co-ordinator

Examination in Future Infrastructure and the Built Environment for the M.Res. Degree, 2014–15

The Degree Committee for the Faculty of Engineering give notice that the modules available to candidates studying the one-year course in Future Infrastructure and the Built Environment for the degree of Master of Research (*Statutes and Ordinances*, p. 539) in the academical year 2014–15, and the form of examination of each module, will be as follows:

Core modules (all compulsory)

Reference	Name	Mode of assessment
CM1	Civil engineering theory	Course-work
CM2	Civil engineering research methods	Course-work
CM3	Multi-disciplinarity in civil engineering	Course-work
ETech	Introduction to entrepreneurship	Course-work

Elective modules (two to be chosen in consultation with the Course Director)

Reference	Name	Mode of assessment
4D4	Construction engineering	Course-work
4D5	Foundation engineering	Course-work and examination
4D6	Dynamics in civil engineering	Course-work and examination
4D13	Architectural engineering	Course-work
4D14	Contaminated land and waste containment	Course-work and examination
4D15	Sustainable water engineering	Course-work and examination
4D16	Construction management	Course-work and examination
4D17	Plate and shell structures	Course-work
4F8	Image processing and image coding	Examination
4F12	Computer vision and robots	Examination
4G4	Biomimetics	Course-work
4M15	Sustainable energy	Course-work
4M16	Nuclear power engineering	Examination
4M18	Present and future energy systems	Examination
4M19	Advanced building physics	Course-work
5R5	Advanced experimental methods in geomechanics	Course-work
5R7	Advanced numerical methods in geomechanics	Course-work
5R14	Nonlinear solid mechanics	Course-work
B9	Rheology and processing	Examination
EP10	Climate change policy and land development	Examination

Research

All candidates are required to complete a desktop study (DS), a mini-project (MP), a group project (GP), and an M.Res. dissertation of up to 12,000 words on a topic approved by the Degree Committee.

The Degree Committee for the Faculty of Engineering reserve the right to amend these lists during the Michaelmas Term 2014.

Examination in Gas Turbine Aerodynamics for the M.Res. Degree, 2014–15

The Degree Committee for the Faculty of Engineering give notice that the modules available to candidates studying the one-year course in Gas Turbine Aerodynamics for the degree of Master of Research (*Statutes and Ordinances*, p. 539) in the academical year 2014–15, and the form of examination of each module, will be as follows:

Core modules

Reference	Name	Mode of assessment
GTA1	Advanced turbomachinery aerodynamics	Examination
GTA2	Turbomachinery aerodynamic design process	Course-work
GTA3	Experimental methods	Course-work
GTA4	Researcher skills	Course-work

Elective modules

Reference	Name	Mode of assessment
4A2	Computational fluid dynamics	Course-work
4A3	Turbomachinery I	Course-work and examination
4A7	Aerodynamics	Course-work
4A9	Molecular thermodynamics	Examination
4B19	Renewable electrical power	Examination

4E4	Management of technology	Course-work
4E6	Accounting and finance	Course-work
4F1	Control system design	Course-work and examination
4M15	Sustainable energy	Course-work
4M18	Present and future energy systems	Examination
4I7	Electricity and environment	Course-work

Research

All candidates are required to complete three mini-projects:

- MP1 Combustor aerodynamics
- MP2 Compressor aerodynamics
- MP3 Turbine aerodynamics and heat transfer

All candidates are furthermore required to complete two industry courses:

- IC1 Holistic gas turbine design
- IC2 Gas turbine build

Finally, all candidates are required to complete a Ph.D. proposal dissertation of up to 15,000 words on a topic approved by the Degree Committee.

The Degree Committee for the Faculty of Engineering reserve the right to amend these lists during the Michaelmas Term 2014.

Examination in Graphene Technology for the M.Res. Degree, 2014–15

The Degree Committee for the Faculty of Engineering give notice that the modules available to candidates studying the one-year course in Graphene Technology for the degree of Master of Research (*Statutes and Ordinances*, p. 539) in the academical year 2014–15, and the form of examination of each module, will be as follows:

Core modules (all compulsory)

Reference	Name	Mode of assessment
GRM1	Technology of graphene, related layered materials, and hybrid systems	Examination
GRM2	Science of graphene, related layered materials, and hybrid systems	Examination
NT01	Characterization techniques	Examination
NT04	Nanofabrication techniques	Examination
NT07	Physics at the nanometre-scale	Examination
IDP3	Materials, electronics, and renewable energy	Examination

Research

All candidates are required to complete thirty research skills sessions (reference: RSS) and two mini-projects (reference: MP1 and MP2).

The Degree Committee for the Faculty of Engineering reserve the right to amend these lists during the Michaelmas Term 2014.

Examination in Integrated Photonic and Electronic Systems for the M.Res. Degree, 2014–15

The Degree Committee for the Faculty of Engineering give notice that the modules available to candidates studying the one-year course in Integrated Photonic and Electronic Systems for the degree of Master of Research (*Statutes and Ordinances*, p. 539) in the academical year 2014–15, and the form of examination of each module, will be as follows:

Biophysics

Reference	Name	Mode of assessment
4B5	Nanotechnology	Course-work and examination
4G2	Biosensors	Course-work
UCLAPD	Advanced photonic devices	Examination
UCLPON	Physics and optics of nano-structure	Course-work and examination

Photonic systems

Reference	Name	Mode of assessment
4B11	Photonic systems	Examination
4B14	Solar-electronic power: generation and distribution	Course-work and examination
UCLPSS	Photonic sub-systems	Examination
UCLBTC	Broadband technologies and components	Examination

Business

Reference	Name	Mode of assessment
4E4	Management of technology	Course-work
4E11	Strategic management	Course-work
UCLTBE	Telecommunication business environment	Course-work

Electives

Reference	Name	Mode of assessment
4B6	Solid state devices and chemical/biological sensors	Examination
4B20	Display technology	Examination
4B21	Analogue integrated circuits	Examination
4F2	Robust and nonlinear systems and control	Examination
4F7	Digital filters and spectrum estimation	Examination
4F8	Image processing and image coding	Examination
4F12	Computer vision and robotics	Examination
4M6	Materials and processes for microsystems	Course-work and examination
P33	Building an internet router	Course-work
R02	Network architecture	Course-work
UCLSNS	Software for network devices	Course-work
UCLOTN	Optical transmission and networks	Examination
UCLNH	Nanotechnology and healthcare	Examination
UCLRCS	RF circuits and sub-systems	Course-work and examination
UCLPON	Physics and optics of nano-structure	Course-work and examination
UCLBCL	Broadband communications lab	Course-work
UCLEEM010	Analogue CMOS IC design and applications	Course-work

Research

All candidates are required to complete two project reports (references: MP1 and MP2).

All modules beginning 'UCL' are provided and examined by University College London.

The Degree Committee for the Faculty of Engineering reserve the right to amend this list during the Michaelmas Term 2014.

Examination in Sensor Technologies and Applications for the M.Res. Degree, 2014–15

The Degree Committee for the Faculty of Engineering give notice that the modules available to candidates studying the one-year course in Sensor Technologies and Applications for the degree of Master of Research (*Statutes and Ordinances*, p. 539) in the academical year 2014–15, and the form of examination of each module, will be as follows:

Core modules (all compulsory)

Reference	Name	Mode of assessment
ST1	Principles of sensing	Course-work
ST2	Guided sensor design project	Course-work
ETech	Introduction to entrepreneurship	Course-work

Elective modules (three to be chosen in consultation with the Course Director)

Reference	Name	Mode of assessment
B5	Optical microscopy	Examination
4B5	Nanotechnology	Course-work and examination
4B6	Solid-state devices and chemical/biological sensors	Examination
4B13	Electronic sensors and instrumentation	Examination
4C15	MEMS design	Course-work and examination
4F8	Image processing and image coding	Examination
4G2	Biosensors	Course-work
4I9	Low power embedded systems programming	Course-work
4M6	Materials and processes for microsystems	Course-work and examination
NT01	Nanotechnology characterization techniques	Examination
NT04	Nanofabrication techniques	Examination
NT05	Nanomaterials	Examination
NT08	Bionanotechnology	Examination

Research

All candidates are required to complete an individual mini-project report (reference: MP1) and a ‘Sensor Team Challenge’ project report (reference: GP1).

The Degree Committee for the Faculty of Engineering reserve the right to amend these lists during the Michaelmas Term 2014.

Examination in Ultra Precision Engineering for the M.Res. Degree, 2014–15

The Degree Committee for the Faculty of Engineering give notice that the modules available to candidates studying the one-year course in Ultra Precision Engineering for the degree of Master of Research (*Statutes and Ordinances*, p. 539) in the academical year 2014–15, and the form of examination of each module, will be as follows:

Compulsory modules

Reference	Name	Mode of assessment
CRA1	Precision engineering	Course-work
CRA2	Metrology and optical testing	Course-work
P3	Energy beam micro processing	Course-work
TIM	Technology and innovation management	Course-work

Optional modules (students must choose one)

Reference	Name	Mode of assessment
4B5	Nanotechnology	Course-work and examination
4B11	Photonic systems	Examination
4B20	Display technology	Examination
4C15	MEMS design	Course-work and examination

Laboratory classes (all compulsory)

Reference	Name	Mode of assessment
LAB1	Roll to roll fabrication laboratory class	Course-work
LAB2	Laser machining laboratory class	Course-work
LAB3	Practical metrology laboratory class	Course-work
LAB4	FIB/SEM laboratory class	Course-work
CRA3	Reactive atom plasma laboratory class	Course-work
CRA4	Modal analysis laboratory class	Course-work
CRA5	Test and measurement laboratory class	Course-work
CRA6	Single point diamond turning laboratory class	Course-work

Research

All candidates are required to complete two project reports (reference: RP1 and RP2), and must participate in the Advanced Manufacturing Technologies Reading Club (reference: RC13).

The Degree Committee for the Faculty of Engineering reserve the right to amend these lists during the Michaelmas Term 2014.

Advanced Diploma in Economics, 2014–15

The Faculty Board of Economics and the Degree Committee for the Faculty of Economics give notice, with the approval of the Student Registry and the General Board, that in the academical year 2014–15 the subjects for examination for the Advanced Diploma in Economics will be as listed below.

Papers 1 and 2 will each be examined by means of a three-hour written examination, while Paper 3 will be examined by means of a three-hour written examination (60% of the marks) and a project (40% of the marks).

Paper 1:	Microeconomics
Paper 2:	Macroeconomics
Paper 3:	Econometrics

Examination in Economics for the Certificate of Postgraduate Study, 2014–15

The Faculty Board of Economics and the Degree Committee for the Faculty of Economics give notice, with the approval of the Student Registry and the General Board, that in the academical year 2014–15 the subjects for examination will be as listed below.

Compulsory component

PhD 40: How to do economics

Specialist modules

PhD 10: Economic theory
 PhD 20: Topics in advanced macroeconomics
 PhD 21: Computational methods
 PhD 30: Topics in advanced econometrics

Specialist modules

M 140: Behavioural economics
 M 150: Economics of networks
 M 160: Political economy
 M 170: Industrial organization
 M 180: Labour: search, matching, and agglomeration
 M 500: Development economics
 M 600: Topics in macroeconomic theory
 M 610: British industrialism
 F 300: Corporate finance
 F 400: Asset pricing
 F 500: Empirical finance
 F 510: International finance
 F 520: Behavioural finance

Research seminars/workshops

Microeconomic theory
 Applied microeconomics
 Macroeconomics
 Econometrics

Chancellor's Medal for English Law, 2015: Eligible papers

The Faculty Board of Law give notice that the following papers prescribed for the LL.M. Examination, 2015, are deemed to be papers in English Law and Legal History for the purpose of the award of the Chancellor's Medal for English Law (*Statutes and Ordinances*, p. 791):

Paper 3 International commercial litigation
 Paper 4 Law of restitution
 Paper 6 Law and information
 Paper 7 Corporate insolvency law
 Paper 9 Corporate finance law
 Paper 12 Intellectual property
 Paper 26 Civil liberties and human rights
 Paper 30 Jurisprudence
 Paper 31 Topics in legal and political philosophy
 Paper 32 Commercial equity
 Paper 33 Comparative family law and policy
 Paper 35 History of English civil and criminal law

The Faculty Board of Law may in addition deem a thesis submitted for a seminar course under Paper 38 to be a paper in English Law and Legal History for this purpose.

CLASS-LISTS, ETC.

Approved for degrees

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OBITUARIES

Obituary Notices

The Reverend Dr JOHN HUGHES, Dean of Chapel and Fellow of Jesus College since 2011, died on 29 June 2014, aged 35 years.

Lord LEWIS of Newnham, Sc.D. (Hon), FRS, First Warden of Robinson College 1975–2001, Professor of Chemistry 1970–95, Fellow of Sidney Sussex College 1970–77, Honorary Fellow of Sidney Sussex College 1977, Life Fellow of Robinson College 2001, died on 17 July 2014, aged 86 years.

GRACES

Graces submitted to the Regent House on 30 July 2014

The Council submits the following Graces to the Regent House. These Graces, unless they are withdrawn or a ballot is requested in accordance with the regulations for Graces of the Regent House (*Statutes and Ordinances*, p. 103), will be deemed to have been approved at 4 p.m. on Friday, 8 August 2014.

1. That the rules for the Contributory Pension Scheme be amended as set out in the Council's Notice, dated 21 July 2014 (p. 773).

2. That the recommendations in paragraph 8 of the Report of the General Board, dated 4 June 2014, on Senior Academic Promotions (*Reporter*, 6351, 2013–14, p. 621) be approved.¹

3. That the Table of Fees approved by Grace 7 of 16 July 2014 be amended by inserting the following entries:

<i>Qualification</i>	<i>Annual Fee (£)</i>	
	Home/EU students	Overseas students
	2015–16	2015–16
M.Phil. Degree:		
American History [starts MT 2015]	9,960	19,557
Modern British History [starts MT 2015]	9,960	19,557
World History [starts MT 2015]	9,960	19,557

4. That in Regulation 6 of the regulations for Affiliated Students the privileges for Affiliated Students for the Anglo-Saxon, Norse, and Celtic Tripos be amended so as to read:²

Anglo-Saxon, Norse, and Celtic

If the Faculty Board of English allow it in a particular case, leave to take Part II of the Anglo-Saxon, Norse, and Celtic Tripos under the same conditions as if he or she had previously obtained honours in another Honours Examination, with or without the further privilege of taking the examination in the second term after the student's first term of actual residence.

5. That Regulation 2 of the regulations for the Dates of Examinations and Publication of Class Lists be amended by revising the list of examinations as follows:³

By moving the date specified for the beginning of the examination for the Classical Tripos, Part IA *from* the 'Thursday before first Sunday in June' *to* the 'Monday before the first day of Full Easter Term'.

By moving the date specified for the beginning of the examination for the Historical Tripos, Part I *from* the 'Thursday before last Sunday in May' *to* the 'Wednesday before last Sunday in May'.

¹ See the General Board's Notice on p. 772.

² *Statutes and Ordinances*, p. 173. The General Board proposes the removal of paragraph (i), which provides for Affiliated Students to take Part I in the fifth term of actual residence, as students are no longer able to graduate on completion of Part I.

³ *Statutes and Ordinances*, p. 236. The General Board proposes that the date specified for the beginning of the examination for Part IA of the Classical Tripos be moved from the end of the Easter Term to the beginning of the Easter Term and the date specified for the beginning of the examination for Part I of the Historical Tripos be moved back by one day so as to accommodate more easily the dates for congregations for General Admission.

6. That, with effect from 1 October 2014, the following changes to Ordinance be approved, following the transfer of the Centre for Gender Studies from the Department of Geography to the Department of Politics and International Studies:⁴

- (i) In Regulation 1 of the special regulations for examination in Multi-Disciplinary Gender Studies for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 532), by replacing the reference to the ‘Degree Committee for the Faculty of Earth Sciences and Geography’ with the ‘Degree Committee for the Faculty of Human, Social, and Political Science’.
- (ii) In the regulations for the Diane Middlebrook and Carl Djerassi Visiting Professor of Gender Studies (*Statutes and Ordinances*, p. 735), by replacing the reference to ‘Geography’ with ‘Politics and International Studies’ and in Regulation 4 by replacing the reference to ‘payment of the travelling expenses’ with ‘payment of approved travelling expenses’.
- (iii) In Regulation 1 of the regulations for Endowed University Lectureships (*Statutes and Ordinances*, p. 755), by replacing the reference to ‘Geography’ with ‘Politics and International Studies’ as the Department responsible for the Gender Studies Fund.
- (iv) By amending the regulations for the Gender Studies Fund (*Statutes and Ordinances*, p. 826) so as to read:
 1. The sum of £1.1m received by the University to support teaching and research in Gender Studies, together with other sums received for the same purpose, shall form a fund called the Gender Studies Fund.
 2. The administration of the Fund shall be under the control of a Committee of Management consisting of:
 - (a) one person appointed by each of the Schools of Arts and Humanities, the Biological Sciences, Clinical Medicine, the Humanities and Social Sciences, the Physical Sciences, and Technology;
 - (b) the Head of the Department of Politics and International Studies;
 - (c) the Frankopan Director of the University of Cambridge Centre for Gender Studies (University Teaching Officer in Gender Studies);
 - (d) the Deputy Director of the University of Cambridge Centre for Gender Studies (University Teaching Officer in Gender Studies);
 - (e) one person who is not a resident member of the University appointed by the General Board to represent the national or international gender studies community;
 - (f) not more than two members co-opted by the Committee, provided that it shall not be obligatory for the Committee to co-opt any person or persons.
 3. Members in classes (a) and (e) shall be appointed in the Michaelmas Term to serve for three years from 1 January following their appointment. Members in class (f) shall serve until 31 December of the year in which they are co-opted or of the year next following, as the Committee shall determine at the time of their co-optation.
 4. The Committee shall elect one of their members other than the Director or Deputy Director of the Centre to be their Chairman and to serve for three years from 1 January following the election.
 5. The Committee shall meet at least three times a year.
 6. The first charge on the Fund shall be the stipend, national insurance, pension contributions, and associated indirect costs payable by the University in respect of the University Lecturer in Gender Studies (Frankopan Director of the Cambridge Centre for Gender Studies) in the Department of Politics and International Studies.
 7. Any unexpended income in a financial year, and such portion of the capital of the Fund as shall be determined by the Committee of Management, shall be applied, in any manner that the Committee shall determine, to support the study and teaching of Gender Studies in the University and to co-operate with outside bodies in the encouragement of gender research more generally.

⁴ The General Board, on the recommendation of the Council of the School of the Humanities and Social Sciences, have agreed to the transfer of the Centre for Gender Studies from the Department of Geography to the Department of Politics and International Studies and to consequential changes to Ordinance. The opportunity has also been taken to make some minor changes for clarity.

7. That Regulation 7 for the Gibson Spanish Scholarship (*Statutes and Ordinances*, p. 827) be amended so as to read:⁵

7. The Electors shall determine the form in which applications for the Studentship shall be made and the person to whom, and the date by which, they are to be submitted.

8. That Regulation 3 for the J. B. Trend Fund (*Statutes and Ordinances*, p. 968) be rescinded, the remaining regulations renumbered, and Regulations 5 and 6 (as renumbered) amended so as to read:⁵

4. An application for a grant accompanied by a short description of the proposed travel must be submitted through the candidate's Director of Studies or Supervisor in the case of a Graduate Student to such person as may be designated by the Electors to receive applications so as to arrive not later than a date in Full Easter Term of which notice has been given by the Electors in the previous Michaelmas Term.

5. Grants shall be awarded not later than the last day of the Easter Term.

⁵ These changes, made on the recommendation of the Electors and the Faculty Board of Modern and Medieval Languages, reflect current practice.

ACTA

Approval of Graces submitted to the Regent House on 16 July 2014

Graces 2 to 11 of 16 July 2014, submitted to the Regent House on 16 July 2014 (*Reporter*, 6355, 2013–14, p. 751), were approved at 4 p.m. on Friday, 25 July 2014. Grace 1 was withdrawn (see the Vice-Chancellor's Notice, p. 761).

Congregation of the Regent House on 19 July 2014

A Congregation of the Regent House was held at 10 a.m. All the Graces that were submitted to the Regent House (*Reporter*, 6355, 2012–13, p. 753) were approved.

The following degrees were conferred:

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J. W. NICHOLLS, *Registrar*

END OF THE OFFICIAL PART OF THE 'REPORTER'

COLLEGE NOTICES

Vacancies

Christ's College: Stipendiary Junior Research Fellowship in specified area of Arts, Humanities, and Social Sciences; tenure: four years; closing date: 30 October 2014 at 12 noon; further particulars: <http://www.christs.cam.ac.uk/jrf>

Sackler Non-Stipendiary Research Fellowship in either Physics, Mathematics, Computer Science, or Cell Biology; tenure: up to four years; closing date: 2 January 2015 at 12 noon; further particulars: <http://www.christs.cam.ac.uk/jobs>

Non-Stipendiary Junior Research Fellowship in any subject; tenure: at least two years and not more than four years; closing date: 2 January 2015 at 12 noon; further particulars: <http://www.christs.cam.ac.uk/jobs>

Jesus College: Junior Research Fellowships (two in Arts and one in Science); tenure: three years fixed-term; salary: from £20,374; closing date: 1 September 2014; application and further particulars: <http://www.jesus.cam.ac.uk/fellows-staff/vacancies/>

Peterhouse: Research Fellowships; tenure: from 1 October 2015; closing date: 22 September 2014; further particulars: <http://www.pet.cam.ac.uk/>

Queens' College: Junior Research Fellowship in Economic History; tenure: from 1 October 2015; salary: from £20,972, plus benefits; closing date: 5 September 2014 at 12 noon; further particulars: <http://www.queens.cam.ac.uk/general-information/vacancies>.

Junior Research Fellowship in Modern and Medieval Languages; tenure: from 1 October 2015; salary: from £20,972, plus benefits; closing date: 5 September 2014 at 12 noon; further particulars: <http://www.queens.cam.ac.uk/general-information/vacancies>.

St Catharine's College: Schools Liaison Officer; salary: £23,500–£25,000 plus benefits; closing date: 8 August 2014 at 12 noon; further particulars: <http://www.caths.cam.ac.uk/home/?m=page&id=51>

Trinity Hall: Postdoctoral Research Associateships (ten); tenure: normally two years from October 2014, co-terminus with postdoctoral employment within the University; closing date: 8 September 2014; further particulars: contact Katrina Perrin, Graduate Administrator (email: kap48@trinhall.cam.ac.uk) or visit <http://www.trinhall.cam.ac.uk/about/vacancies/>

College Research Fellowships, 2015–16

A number of Cambridge Colleges propose to hold competitions for Research Fellowships tenable from the start of the academical year 2015–16 with closing dates for application on or near 1 October 2014.

Advertisements will appear online at <http://www.admin.cam.ac.uk/offices/hr/jobs/colleges/> not later than 31 August 2014.

Advertisements for competitions with a later closing date will normally appear in the *Cambridge University Reporter* and the *Oxford University Gazette* as well as online, not less than 28 days before the closing date.

Elections

Newnham College

The following elections and appointments have been made:

Elected into a Fellowship in Category A, with effect from 1 October 2014:

Manali Desai, M.A., Ph.D., *UCLA*

Elected into an Honorary Fellowship (with effect from 9 May 2014):

Clare Balding OBE, M.A., *N*

Elected into a Bye-Fellowship (with effect from 1 June 2014):

Minyao Huang, M.Phil., Ph.D., *MUR*

Trinity Hall

The Governing Body of Trinity Hall has elected the following into Fellowships with effect from 1 October 2014:

Elected into a Research Fellowship (Class A)

Mr Lindley Lentati, B.Sc., *Southampton*

Mr Willem Paul Van Pelt, M.Phil., *CHR*

Elected into a Staff Fellowship (Class B) in Music:

Mr Andrew Arthur, M.A., *CAI*

Elected into a Staff Fellowship (Class B) in Mathematics:

Dr Jack Thorne, B.A., *TH*, Ph.D., *Harvard*

Elected into a Fellow-Commonership in Biochemistry:

Dr Elizabeth Caygill, B.Sc. *Otago, Dunedin, New Zealand*, Ph.D., *Columbia, New York*

Elected into a Fellow-Commonership in Physics:

Dr Felix Deschler, Ph.D., *Ludwig Maximillians University*

Elected into a Fellow-Commonership in Japanese:

Dr Miki Kawabata, B.A., M.A., *Keio University, Japan*, Ph.D., *SOAS, London*

Elected into a Fellow-Commonership in Anthropology:

Dr Poornima Paidipaty, B.A., *Yale*, M.A., *Jawaharlal Nehru University, Delhi*, M.A., M.Phil., Ph.D., *Columbia*

Elected into an Honorary Fellowship:

Professor John Cunningham KCVO, B.A., *TH*, B.M. B.Ch., *Oxford*

OTHER NOTICES**Service in commemoration of the 100th anniversary of the outbreak of The Great War**

The Vicar of the University Church informs members of the University that on Monday, 4 August 2014 there will be a special service in Great St Mary's to mark the anniversary of British entry to the First World War.

The service will begin at 6 p.m. and the Preacher will be Professor Simon Lee, Director of the Cambridge Theological Federation. Sir Charles Chadwyck-Healey, Bart, DL, will represent HM Lord Lieutenant and both the Right Worshipful The Vice-Chancellor and the Right Worshipful The Mayor are expected to attend.

All are welcome. Members of the University are invited to wear their gowns (black gowns without hoods) at the service. Decorations and medals may be worn if desired.

EXTERNAL NOTICES**University of Oxford**

St Hilda's College: Communications Manager; salary: £37,756–£45,053; closing date: 5 September 2014; further particulars: <http://www.st-hildas.ox.ac.uk/news-events-and-vacancies/vacancies>

St Edmund Hall: Part-time Archivist (two days per week); salary: £26,527–£31,644 *pro-rata* plus benefits; duration: three-year fixed term in the first instance, with the possibility of extension; closing date: 1 September 2014 at 12 noon; further particulars: <http://www.seh.ox.ac.uk/vacancy/part-time-archivist>

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