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Copy should be sent as early as possible in the week before publication; short notices will be accepted up to **4 p.m. on Friday** for publication the following Wednesday. Inclusion of notices is at the discretion of the Editor.

NOTICES

Calendar

- 1 October, *Sunday*. Michaelmas Term begins.
- 2 October, *Monday*. Congregation of the Regent House at 9.55 a.m.: Election and admission of the Proctors. Annual address by the Vice-Chancellor.
- 3 October, *Tuesday*. Full Term begins.

This is the last ordinary issue of the *Reporter* for the 2022–23 academic year. The first ordinary issue of the 2023–24 academic year will be published on 27 September 2023.

Notice of a benefaction

25 July 2023

The Vice-Chancellor gives notice that a benefaction of £5m from The Ann D Foundation was accepted with gratitude by the Acting Vice-Chancellor, of which £4m is to endow a Dobson Professorship of Materials Science and Metallurgy and £1m to establish Dobson Studentships to support Ph.D. students studying materials science and metallurgy in the University. The Council is submitting Graces (Graces 10–12, p. 909) to establish the Professorship in perpetuity and to establish the Dobson Professorship Fund and the Dobson Studentship Fund.

Office of Pro-Vice-Chancellor (Innovation and Impact)

The Council wishes to make an appointment to the office of Pro-Vice-Chancellor (Innovation and Impact) following Professor Neely's final term in office. The position of Pro-Vice-Chancellor is held for three years in the first instance.¹ The person appointed to the role of Pro-Vice-Chancellor (Innovation and Impact) will be expected to take up the position on 1 March 2024.

The role

The Council wishes to appoint a Pro-Vice-Chancellor to lead the University's innovation and impact agenda. This will include building on the work of Professor Neely to further develop the University's approach to its business and enterprise ecosystems, such as the Cambridge Cluster, to deepen engagement with the University's strategic business partners and to continue to ensure that the University is a key player in local, regional, national and global innovation alliances and initiatives. In addition, the successful candidate will be expected to develop new initiatives to broaden and further strengthen the University's impact in this area.

The Pro-Vice-Chancellor will play a central role in enhancing the University's external profile, in line with its mission to contribute to society. The individual will engage with a large and diverse range of partners from industry to government and will lead and champion the University's Knowledge Exchange activities. The successful candidate will ensure that the University continues to be a compelling and inspiring partner for research and development activities and a leader of, or significant contributor to, a broad range of innovation alliances. The individual will be expected to assess and manage risks associated with the portfolio, including in relation to international collaborations.

The role holder will ensure Cambridge's voice is heard in matters relating to local, regional and national economic development where appropriate, including by overseeing the University's responses to major initiatives and consultations and by engaging with relevant government departments.

The Pro-Vice-Chancellor will work closely with the Colleges and the University's subsidiaries and associated entities, such as Cambridge Enterprise and Cambridge Innovation Capital, as well as with colleagues across the University. The individual will also work closely with senior colleagues in networks such as the Russell Group to enable the University to respond robustly to the broader challenges facing higher education institutions in the current political landscape.

Major initiatives that have been established in the past few years include Innovate Cambridge² and Cambridge&³. The role holder will be expected to continue to provide leadership to these initiatives and to contribute to the success of increasingly important pan-regional alliances such as the Oxford–Cambridge partnership, as well as championing new initiatives and partnerships.

Attributes and experience

The successful candidate is likely to be recognised as a leader in an academic community (for example as Head of a Department, Faculty, Research Institute or reasonably sized Research Group). The individual will have a thorough understanding of, and interest in, the external innovation environment, the local/regional and national political landscape and the global context. The successful candidate is expected to have an outstanding record of personal academic achievement and will have strong experience of working collaboratively with professional services colleagues.

¹ Statute C III 16 states that 'A Pro-Vice-Chancellor shall hold office for not more than three years at a time and shall be eligible for reappointment, provided that no person shall hold the office of Pro-Vice-Chancellor for a total period of more than six, or in exceptional circumstances eight, years, whether consecutively or otherwise' (*Statutes and Ordinances*, p. 20).

² <https://www.innovatecambridge.com>.

³ <https://cambridgeand.com>.

The individual will have the ability to inspire and motivate colleagues, to gather them around a vision and make it happen. They will have a deep understanding of the collegiate University and how to work effectively within it, recognising that authority is derived from influence and persuasion. The successful candidate will be able to communicate effectively with the University's staff and students at all levels. They will combine an openness to different views with the ability to bring together people from a range of backgrounds.

The University of Cambridge is committed to a pro-active and inclusive approach to equality, which supports and encourages all under-represented groups, promotes an inclusive culture, and values diversity. The University is particularly focused on increasing diversity among staff on higher grades and especially encourages women and candidates from Black, Asian and Minority Ethnic backgrounds to apply for this vacancy.

Role of the Pro-Vice-Chancellors

The Pro-Vice-Chancellors provide academic leadership to the University to ensure that the University maintains and enhances its contribution to society and its global academic standing. They support the Vice-Chancellor in the delivery of her objectives, and work as a team with the Heads of Schools, the Registrar, the Chief Financial Officer, the Executive Director of Development and Alumni Relations, the Director of Communications and other senior colleagues.

In addition to the Pro-Vice-Chancellor (Innovation and Impact), the University has four Pro-Vice-Chancellors with the following portfolios:⁴

- Professor David Cardwell (Strategy and Planning)
- Professor Anne Ferguson-Smith (Research and International Partnerships)
- Professor Kamal Munir (University Community and Engagement)
- Professor Bhaskar Vira (Education)

Terms of appointment

This role is expected to be full-time. The full-time salary of a Pro-Vice-Chancellor is normally within the range of £160,000–£185,000, but the precise figure will vary as the salary is based on a formula that reflects individual circumstances.

The Council expects to make the appointment at the latest at its meeting on 27 November 2023. The Council will be advised by a Nominating Committee chaired by the Vice-Chancellor.

Expressions of interest and further information

The Nominating Committee welcomes expressions of interest from individuals and nominations of potential candidates for consideration by the Committee. Expressions of interest, including a curriculum vitae and covering letter, or nominations, should be sent by email to the Vice-Chancellor (Deborah.Prentice@admin.cam.uk) by **20 September 2023**.

⁴ The PVC portfolios may change over time as and when new appointments/re-appointments are made.

Joint Report of the Council and the General Board on the regulation of the methods and modes of assessment in University examinations: Notice in response to Discussion remarks

20 July 2023

The Council has received the remarks made on the above Report at the Discussion on 27 June 2023 (*Reporter*, 2022–23: 6704, p. 742; 6707, p. 835). The Council notes that those remarks do not relate to the substance of this particular Report. It is therefore submitting a Grace (Grace 1, p. 908) for the approval of the Report's recommendations. The Council does however wish to respond to the comments and has consulted with the General Board in the preparation of this response.

Dr Astle notes that the General Board published a Notice about its response to the marking and assessment boycott following its meeting on 22 June 2023 (*Reporter*, 6706, 2022–23, p. 773). That Notice reported on the Board's decision to use 'on a case-by-case basis and applying specific limited criteria, its existing ability under Regulation 1 of the Ordinance for the Approval of Class-lists (*Statutes and Ordinances*, p. 258) to allow the final meeting of the Examiners to take place without all Examiners being present.' Dr Astle asks the General Board to explain 'in detail why it believes its exercise of this power reflects the spirit of the votes of the Regent House and [list] the specific limited criteria it is applying'. He also asks the Board to publish information about the decisions made using that authority.

The Notice dated 22 June confirmed the source of the Board's ability to exercise discretion, as noted above. It also stated the criteria that the Board agreed would need to be met before it would exercise its discretion, which are listed below:

- the Board has been requested to allow the final meeting of Examiners to take place without all Examiners present;
- the Board is assured that academic standards will be maintained;
- the students have a full set of marks; and
- the students would consequently receive their degree or other qualification.

The Board confirms that its decisions have been made under the existing discretion in Ordinance and have met the above criteria. As anticipated in the Notice, the Board is satisfied that there has been no compromise to academic standards and that the academic integrity of examination processes has been preserved. The Board does not believe it would be appropriate to publish information identifying the Examiners concerned.

Joint Report of the Council and the General Board on an updated contribution reward scheme for academic-related staff in Grade 12: Notice in response to Discussion remarks

20 July 2023

The Council has received the remarks made at the Discussion on 11 July 2023 on the above Report (*Reporter*, 2022–23: 6706, p. 780; 6709, p. 875). It has consulted with the General Board in the preparation of this response.

Professor Evans has expressed reservations about the adequacy of the proposed new criteria for the scheme. The full criteria for the scheme are provided in Annex A of the Report. These build on the existing criteria which have enabled awards to be made under the current scheme. The General Board and the Council are content that they provide sufficient coverage for affected staff in Grade 12.

Professor Evans has highlighted concerns about the inclusion of Equality, Diversity and Inclusion (EDI) considerations. EDI is a vital component of all University reward and progression schemes, but EDI considerations are not part of the eligibility criteria. The intention of the proposal in the Report is for line managers to be better informed about the EDI profile of their staff, and for the reporting of outcomes to include an EDI perspective. This work will be the responsibility of the HR Division.

Professor Evans has also commented on the role of line managers in the process. Line managers, as a normal part of their duties, will be involved in a variety of processes. These include: providing feedback, nominating staff for contribution reward increments and, as Professor Evans notes, hearing grievances when these are raised. It is therefore not unusual that they should be involved in this reward scheme process in the way proposed in the Joint Report. If any conflict of interest arises, this will be dealt with under the relevant procedure.

The Council is submitting a Grace (Grace 2, p. 908) for the approval of the recommendations of this Report.

Report of the Council recommending allocations from the Chest for 2023–24: Notice in response to Discussion remarks

20 July 2023

The Council has received the remarks made at the Discussion on 11 July 2023 on the above Report (*Reporter*, 2022–23: 6706, p. 782; 6709, p. 875).

Dr Cowley comments on the Academic University's significant overall operating deficit in 2022–23 and predicted for 2023–24.

Key messages from the Report

It is important to reiterate the key messages from the Allocations Report as context, and in particular the significant impact of inflation on this year's Report.

- The University Group (including Press & Assessment) continues to generate a material annual cash-flow surplus from its operations and distributions from the endowment (CUEF).
- As anticipated, largely as a result of the external environment of exceptional inflationary cost pressures and the associated pay agreement, the proposed 2023–24 Budget for the Academic University indicates a marked deterioration.
- Growth in the Academic University's costs continues to outpace growth in income and the position is exacerbated by incremental pressures in maintenance expenditure, and in professional services as a result of University initiatives and external requirements.
- Projections suggest a recovery to a more balanced position by 2027, as energy costs decline and the University benefits from lower pension contribution requirements.
- However, this improvement is not expected to be sufficient to achieve a cash-flow surplus from core academic operations (which remains the University's ambition, to provide headroom for renewal and academic investment) and there are clearly risks that inflation remains higher.
- A sustainable annual cash-flow surplus from core academic operations remains plausible in the medium term, provided appropriate revenue growth is secured and cost savings, which do not reduce the University's academic potential, are progressed. A failure to do so leaves the University reliant on Press & Assessment for the capital it needs for investment to remain a world-leading university.
- The Chest (now *c.* 35–40% of the financial activity of the Academic University) excludes all research activity, some teaching activity and some other activities; it presents proportionally more deficit-generating activities compared to the total position.
- Again, the Chest budget deficit of £90m must be considered in light of the extraordinary inflationary environment, where allowing only inflationary changes increases the expenditure deficit from just under £43m (Budget 2022–23) to £76m.
- The Council sought advice from the Finance Committee regarding the continued overall strength of the University's financial position, and with regard to the progress being made on the programmes for revenue growth and cost efficiencies, recognising that University-wide collective leadership and engagement would be required to realise the cost savings potential. The Council endorses the Planning and Resources Committee's (PRC) decision to convene a small group to ensure that progress is made towards the delivery of savings.

- The PRC will also look to accelerate the development and use of Enhanced Financial Transparency (EFT) financial and non-financial key performance indicators in order to progressively influence behaviours, financial responsibility and prioritisation in advance of the new finance systems go-live (currently planned for Q1 2027).

The scale of the financial challenge

The Council acknowledges that both the current financial performance of the Academic University and the recent deteriorating trend are not acceptable in the medium term. In addressing the situation, it is important to keep the scale of the challenge in the context summarised above and focus on the overall Academic University position and financial potential, rather than a subset of the Academic University's collective finances. The University must be prepared to take difficult decisions that are informed by its academic priorities.

All parts of the Academic University must play a part in taking budgetary responsibility if the University is to achieve collective financial sustainability. Development and implementation of the current transformation initiatives should produce meaningful revenue growth and cost efficiencies across the University's administrative processes and supporting services, with limited direct academic impact.

Running operating deficits, while manageable for Cambridge in the short term, does erode capital from the CUEF, reducing the future annual drawdown needed to balance the operational budget every year.

Balancing the Chest

While, in the past, the Chest represented the majority of the Academic University finances and hence achieving a balance in the Chest would guarantee financial health, the Chest now represents only 35%–40% of the Academic University's finances. It excludes all research activity, some teaching activity and some other activities, and represents proportionally more deficit-generating activity compared to the total Academic University position.

The planning process

The quality and consistency of academically informed financial planning across the devolved organisation, and its consolidation into a meaningful Academic University plan, has not kept pace with organisational needs. The annual Planning Round had become dominated by a 'core plus new needs' institutional approach, with a short-term focus and no zero basing, while aspects of the Resource Allocation Model (RAM) had become moribund, with mixed uptake across Schools and departments.

The programme for EFT, which has growing momentum and maturity, will see development of the University's planning process based on EFT principles of income and expenditure reporting and drawing on an improved chart of accounts and technology solutions available through the new finance system. Through EFT, Schools will be able to translate academic visions into costed plans with clear short- to medium-term priorities and financial forecasts built on consistent assumptions (for example a collegiate University framework for student number planning) that integrate to a meaningful 'bottom-up' Academic University plan. EFT principles of Income and Expenditure reporting will provide transparency, consistency, alignment and incentivisation.

In the meantime, Schools and non-School institutions (NSIs) will continue to be resourced, in part, via Chest allocations, with the Council continuing to make an annual Report recommending allocations from the Chest to Schools, NSIs and centrally managed funds. The Allocations Report will be made in the context of both the total Academic University position and the University Group financial outlook.

The PRC agreed to manage allocations during the transition to EFT within a 'framework' that provides mid-term stability for institutional planning purposes. The 'hold back' mechanism introduced as part of the 2022–23 budget is intended to encourage a greater collective emphasis on cost control for the greater good; the efficacy of the framework will be measured following July 2023 year-end and reported to the PRC in Michaelmas Term 2023.

Will the transformation programmes deliver?

The University's current transformation ambition is unprecedented. Provided the programmes continue to be resourced for success, and enjoy the collective leadership required to achieve the right design and commitment across the devolved organisation, they present a unique opportunity to modernise the University, with material operational benefits, including meaningful cost and efficiency savings.

Enhanced Financial Transparency

EFT will not generate income but will provide a step change in the transparency of management information that will inform and support the decisions to come. Insights from the operation of the RAM over many years continue to inform the development of EFT.

To date EFT has produced six years of financial information in an EFT income/expenditure format comprising three years of actuals, an in-year forecast, and two plan years; held briefings with Schools and institutions to explain how this was put together; and drafted principles for future 'contributions' and held several consultation sessions on these. EFT has developed and shared financial and non-financial management information, and the process of briefing and consultation has raised important questions to aid further detailed analysis and refinement of the EFT prototype and to support development of performance information and indicators to aid planning in general.

EFT will be fully rolled out with the replacement University finance system (currently expected in 2027). EFT management information has already begun to inform discussion at PRC meetings, however, and will become increasingly valuable – to Schools and institutions, and to the PRC – in each subsequent planning round.

Additional points

Dr Cowley raises three further points:

1. The management information pack prepared for the PRC alongside the draft Allocations Report included staff data similar to the table previously published for the information of the Regent House. This data will be published.
2. The maintenance contract started in December 2022 and runs for a period of five years. The tendered cost for the contract is £10m per year or £50m over the length of the contract. The contract was predicated on an out-of-date portfolio asset listing and it was contractually recognised that the contractor would complete a detailed asset verification exercise in order to provide a firm and certain basis both for the services delivered and their correct cost. It was acknowledged through the tender and approval processes that there was a likely increase in the cost that would result from this asset verification. The Estates Division is currently working with the contractor to finalise and agree the cost impact. Due to the scale of the variance between the baseline and the refreshed asset data, this is a long and complex negotiation. The Estates Division is taking a very firm commercial position to minimise the overall cost impact to the University. It is not yet possible to provide a clear quantum; the considered view of the Estates Division is that the final outcome of this exercise will see an increase in the annual maintenance costs but that this will be within contained and manageable proportions. It is not expected to be anywhere near the rumoured £150m.
3. The method for calculating the cost of an undergraduate education is periodically reviewed by a working group reporting to the PRC. The same group reviews annually the calculation prepared by the Finance Division and published for the information of the Regent House alongside the Notice of fees to be charged to Home undergraduate students. For several years the model has indicated a large, persistent gap between income and expenditure of £10k–11k. In 2022 the working group endorsed a new method of calculation which ensured that the model uses accurate TRAC apportionment of costs to activity and strengthens the methodological alignment between reported University and College costs. The calculation for 2021–22, which has been received by the PRC and will be published in due course, indicates that the gap between income and expenditure has increased substantially. This is driven principally by increased University expenditure (including staff costs and the rising inflationary environment detailed above); a significantly higher overall value for the Margin for Sustainability and Investment (MSI) in the 2021–22 TRAC analysis; and a shift of the allocation of costs in TRAC towards teaching activity, following an update of cost drivers for 2021–22. The College element of the calculation indicates a similar rising cost profile.

Professor Evans asks whether the University has been consulted on the UK government’s vision for ‘Cambridge 2040’ as reported in the local and national media in July 2023. The Council can confirm that the University has not been consulted.

The Council is submitting a Grace (Grace 3, p. 908) for the approval of the recommendations of this Report.

Report of the General Board on curatorial and associated staff progression in certain museums: Notice in response to Discussion remarks

20 July 2023

The Council has received the remarks made at the Discussion on 11 July 2023 on the above Report (*Reporter*, 2022–23: 6706, p. 789; 6709, p. 877). It has consulted with the General Board in the preparation of this response.

Professor Evans has raised concerns about the difference in status between posts which are established and those which are unestablished. The Council has agreed that there will be a review of the use of established and unestablished posts, following a request from the Board of Scrutiny. This work has been put on hold until the review of the Retirement Policy and EJRA has been completed. The outcomes of the review on the use of established and unestablished posts, once reinitiated and concluded, will have bearing on Professor Evans’ concern.

Professor Evans also draws attention to the focus on research, rather than teaching, of the affected curatorial and associated staff. These staff do, in fact, often undertake some teaching as part of their responsibilities. This is sufficient for them to be evaluated on their teaching, for example, in line with one of the existing optional scoring mechanisms of the Academic Career Pathway (Research and Teaching) scheme. The Report’s recommendations do not propose to remove the teaching element for these staff, but instead acknowledge that the proportion of teaching undertaken is likely to be lower for this particular group.

The Council is submitting a Grace (Grace 4, p. 908) for the approval of the recommendations of this Report.

Report of the Council on the establishment of an office of Chief Financial Officer: Notice in response to Discussion remarks

26 July 2023

The Council has received the remarks made at the Discussion on 25 July 2023 concerning the above Report (*Reporter*, 2022–23: 6708, p. 849; and below p. 927).

Professor Evans suggests that there are some deficiencies in the Report, including further matters requiring approval by Grace. The Report notes that the Council would add the new office of Chief Financial Officer (CFO), if approved, to the lists of those with authority to sign contracts and to authorise the affixing of the University's seal in the Financial Regulations. The Financial Regulations note that the exercise of this authority is subject to all necessary approvals being in place. There is nothing in Statute or Ordinance requiring those granted this authority to be approved by Grace. The Report sets out the primary responsibilities of the existing role, with a reporting line to the Vice-Chancellor. The Council is not planning to make any changes to those arrangements, nor to propose exempting the CFO from the general provisions of Statute C I 2, at this time.

Mr Allen draws attention to the postponement of the review of the use of unestablished and established roles in the University. The Council remains committed to carrying out the review and regrets the necessity of the delay which, as Mr Allen notes, is because of the pressure of other work.

Mr Allen questions why it has taken six years for the Council to propose the establishment of the office of CFO. The simple fact is that it is now evident that the role has added significant value to the development of the financial strategy for the University group and therefore the proposal is likely to be supported.

The Council will return separately to Mr Allen's recommendation of a change to Statute A VII 5(c), to extend the Board of Scrutiny's power to make enquiry of those who do not hold an office, but agrees in principle that it would not wish to curtail the Board's ability to ask questions of those with a high level of responsibility for areas of activity within the University.

The Council is submitting a Grace (Grace 6, p. 908) for the approval of the recommendations of this Report. It is also submitting a separate Grace (Grace 7, p. 908) to make a change to Ordinance that will prevent the CFO from serving on the Board of Scrutiny, as Mr Allen recommends.

Review of the University Retirement Policy: Consultation

At its meeting on 20 February 2023, the Council approved the establishment of a Retirement Policy and EJRA Review Group¹ to consider:

- the operation of the University's current Employer Justified Retirement Age (EJRA), to determine whether it has been successful in meeting its aims; and
- the terms of the University's current Retirement Policy, to establish whether they remain fit for purpose.

The review group intends to begin a consultation with the University community in September 2023. It envisages two phases to this consultation. The first phase will be an open exercise, likely to consist of two town hall meetings, a survey of affected staff, a survey of heads of institutions, as well as focus groups with particular staff cohorts. The town hall meetings are currently scheduled for **Monday, 18 September 2023, 2–3 p.m., and Tuesday, 19 September 2023, 10–11 a.m.**

The group will then review these findings and, in addition to considering other data and advice, publish its recommendations for a second phase of consultation, expected to take place in Lent Term 2024. Final recommendations will then be considered by the HR Committee, the General Board and the Council before they are published in the *Reporter*.

The review group is keen to hear from staff who would like to take part in the focus groups. Members of the University who are interested in taking part should email internalcomms@admin.cam.ac.uk.

¹ See *Reporter*, 6689, 2022–23, p. 423.

Email address allocation and retention policy: Update

20 July 2023

Further to the Notice published on 1 June 2023 (*Reporter*, 6702, 2022–23, p. 697), the General Board and the Council considered the email address allocation and retention policy at their respective meetings of 7 and 19 June 2023. These committees approved the policy for a trial year in the first instance. The policy will be piloted with a small sample of volunteer institutions in the academic year 2023–24. The Information Services Committee will review the policy in the light of the trial, and the experiences of the participating institutions, before any wider implementation. Updates on the policy will continue to be available on the University Information Services' webpages.¹

¹ <https://help.uis.cam.ac.uk/service/email/address-allocation-policy>.

Development of an Information Services Acceptable Use Policy

20 July 2023

The University's Information Services Committee has approved the development of an Acceptable Use Policy (AUP) for University information services as part of a series of actions designed to reduce cyber security risk. Cyber crime is a persistent and ever-changing threat to the University and its people. Defining how IT services should be used appropriately is a significant step in protecting staff, students and the institution from harm.

The policy will set out how users of the University's information services – including University and College staff, students, contractors and certain visitors – can help prevent security-related incidents and avoid harmful activities. It will replace the 'Rules made by the Information Services Committee' in Ordinance and guidelines in the *Reporter*, as well as associated guidance from the HR Division and UIS.

More specifically, it will cover:

- Signing in securely and keeping details safe
- Protecting against malware
- Keeping data safe and confidential
- Avoiding activity that may be illegal, weaken security or harm others
- Reasonable personal use – which is allowed
- Exemptions

A draft of the policy has received initial comments from members of the Information Services Committee, School Secretaries, School IT leads, the Colleges' IT Committee, and the Colleges' IT Managers Group. It will now enter a phase of wider consultation, with staff and students being invited to attend focus groups in September. These sessions will seek to identify any aspects of the policy that require further consideration and to understand how users might best engage with the policy's requirements.

The AUP will return to the Information Services Committee for recommendation to the General Board and Council for approval in autumn 2023.

If you would like to take part in the focus groups, you can sign up at: <https://www.training.cam.ac.uk/ppo/event/4809927> (check side bar and target audience for other dates). To contact the team developing the policy with any other queries, email isc@admin.cam.ac.uk.

Updates on the development of this and other information security policies will be provided at: <https://help.uis.cam.ac.uk/information-security-policies>.

Centre for the Physics and Chemistry of Solids Fund

20 July 2023

The Faculty Board of Physics and Chemistry wishes to establish a trust fund to support research in the field of the physics and chemistry of solids by funding a new research centre. The remainder of a government research grant held by the Department of Physics will provide the endowment of £2.5m for the trust fund. The Council, on the recommendation of the General Board, is proposing regulations to establish the Centre for the Physics and Chemistry of Solids Fund (Grace 9, p. 909).

Zoology Building

20 July 2023

The following Notice is published to advise the University of works which are not considered to be a 'substantial alteration' within the meaning of Statute F II 3 and therefore do not require a Report but are nevertheless of interest or consequence to members of the Regent House (see *Reporter*, 6259, 2011–12, p. 498).

The Department of Zoology has a requirement for rooms with a constant environment and temperature to meet the research requirements of its academic staff. The mechanical services required to achieve the necessary humidification levels include the installation of external ventilation ductwork between the second floor and rooftop plant area of the Zoology Building, which is a Grade II Listed building. Listed building consent will be sought from Cambridge City Council. The estimated cost of the project – which will be undertaken alongside planned maintenance works – is £250,000, and will be funded by the School of the Biological Sciences.

Naming of roads on the West and North West Cambridge sites

20 July 2023

In 2014, the Council approved principles for the naming of roads, neighbourhoods and buildings on the West and North West Cambridge sites (*Reporter*, 6350, 2013–14, p. 610).

The Committee on Benefactions and External and Legal Affairs, on the recommendation of the Property Board, has approved the following additional names for roads and public spaces at Eddington, for allocation by the Board. The two new last names listed below commemorate black Cambridge graduate and poet Kamau Brathwaite, and Olaudah Equiano, who was a writer and abolitionist who lived in Cambridgeshire for some time.

People with a strong connection with the University or the locality:

Brathwaite
Equiano

Christmas and New Year closing: University Offices

20 July 2023

The Council has authorised the closure of the University Offices from 5 p.m. on Friday, 22 December 2023, until 8.30 a.m. on Tuesday, 2 January 2024. The University Messenger Service will not operate during the period of closure.

The Council notes that the Fitzwilliam Museum will be open and welcoming visitors on 23, 27–30 December 2023 and from 2 January 2024 onwards.

Regent House membership for retired University staff: Reminder

Members of the University are reminded that the deadline for applications from retired or retiring members of University staff for inclusion on the 2023 Roll of the Regent House under the provisions of Special Ordinance A (i) (e) is **Tuesday, 15 August 2023**. Applicants must meet the qualifying criteria, including having previously been on the Roll and not being eligible in any other category. See the previous Notice (*Reporter*, 6706, 2022–23, p. 772) for further details and a link to the application form.

VACANCIES, APPOINTMENTS, ETC.

Vacancies in the University

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

Plumian Professorship of Astronomy and Experimental Philosophy in the Institute of Astronomy; tenure: from 1 October 2024 or as soon as possible thereafter; informal enquiries: Professor Mark Wyatt, co-Director and Head of Department, Institute of Astronomy (email: director@ast.cam.ac.uk); closing date: 15 October 2023; further details: <https://www.jobs.cam.ac.uk/job/42119/>; quote reference: LG37766

The University actively supports equality, diversity and inclusion and encourages applications from all sections of society.

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

NOTICES BY THE GENERAL BOARD

Establishment of a Dobson Professorship of Materials Science and Metallurgy

25 July 2023

The General Board, on the recommendation of the School of the Physical Sciences, seeks approval to establish a Dobson Professorship of Materials Science and Metallurgy in perpetuity, from 1 October 2024, assigned to the Department of Materials Science and Metallurgy. The Resource Management Committee approved the funding arrangements on 14 June 2023.

The Professorship will be supported by a trust fund following a benefaction from The Ann D Foundation (p. 880).

The Dobson Professor will be working in the broad area of energy materials and will support academic leadership and strategy planning to expand the Department's research activities in that field. This is an opportunity to attract a world-leading researcher in this area, further galvanising the University's efforts to accelerate progress towards reaching net zero carbon. The holder of the Dobson Professorship will be outward-looking, seeking active collaborations with colleagues and promoting translational research in the field.

The General Board, on the recommendation of the Council of the School, has agreed that an election should be made by an *ad hoc* Board of Electors and that the candidature should be open without limitation or preference to all persons whose work falls within the general field of the title of the office.

The Council is submitting a Grace (Grace 10, p. 909) for the establishment of the Professorship.

Establishment of a Professorship of Evolutionary Biology and Ecology

25 July 2023

The General Board is proposing the establishment of a single-tenure Professorship of Evolutionary Biology and Ecology from 1 October 2023, assigned to the Department of Zoology, on the recommendation of the Faculty Board of Biology and the Council of the School of the Biological Sciences. The funding arrangements for the Professorship were approved by the Resource Management Committee on 14 June 2023. The Professorship will be fully funded from the School's existing Chest allocation, using the funding allocated for a Professorship of Zoology in 2010. The holder of the Professorship will therefore also be jointly appointed *ex officio* as Director of the Museum of Zoology (*Statutes and Ordinances*, p. 737).

The officeholder's principal role will be as the Director of the Museum. This is a substantial administrative position overseeing all aspects of the Museum of Zoology's function and managing a team of six curators and eleven specialist professional service staff. This appointment also represents an opportunity to appoint an exceptional candidate of international stature in the fields of evolutionary biology and ecology with strong links to conservation biology. Much of the Department's research makes use of the Museum's exceptional collections but is also embedded in fieldwork and work on current-day systems. Evolution, ecology and conservation are priority areas in the Zoology academic vision; the Department therefore proposes to recruit in the areas of evolution and ecology with an emphasis on the use of museum collections and the use of large data sets.

The Director is expected to play a full role in teaching. The officeholder will be expected to contribute to lectures, laboratory practicals and fieldwork, and courses in Part I of the Natural Sciences Tripos such as the Part IA paper on Evolution and Behaviour, and the Part IB papers on Ecology, Evolution and Conservation, and Evolution and Animal Diversity. In addition, the Director will contribute to Part II lecturing and other activities, integrating collections-based research into their teaching. The officeholder will also contribute to new M.Phil. courses and play a full role in the education of Ph.D. students.

The General Board, on the recommendation of the Council of the School, has agreed that an election should be made by an *ad hoc* Board of Electors and preference should be given to those persons with experience in the fields of Evolutionary Biology and/or Ecology.

The Council is submitting a Grace (Grace 13, p. 910) for the establishment of the Professorship.

REGULATIONS FOR EXAMINATIONS

Architecture Tripos

(*Statutes and Ordinances*, p. 279)

With effect from 1 October 2024

The General Board, on the recommendation of the Faculty Board of Architecture and History of Art, has approved the amendment of the regulations for the Architecture Tripos to update the paper information, introduce new papers to support the development of professional skills and be more consistent in wording and organisation with other offerings by the Faculty, as follows:

Regulations 2, 3 and 4.

By removing Regulations 2, 3 and 4, renumbering the remaining regulations and updating affected cross-references.

New Regulation 9.

By inserting a new regulation, as Regulation 9 and before the Part IA heading, to read as follows:

9. Students choose options in Section C in Part IB and in Part II. Not later than the Division of Easter Term each year the Faculty Board shall give notice of the approved lists of options prescribed for the examination to be held in the academic year next following, and shall specify the mode of assessment for each option. There shall be no fewer than eight optional papers in Part IB and twelve optional papers in Part II. In giving such notice the Faculty Board shall announce combinations of options which satisfy the qualifying conditions for relevant professional registrations. The Board shall have power to announce restrictions on the combination of papers that a candidate may choose to offer. A candidate shall not offer in any part of the Tripos a paper that they have previously offered in another University Honours examination.

New Regulation 10.

By inserting a new regulation, as Regulation 10 and after the Part IA heading, to read as follows:

10. The following may present themselves as candidates for honours in Part IA:

- (a) a student who has kept one term, provided that three complete terms have not passed after the student's first term of residence;
- (b) a student who has obtained honours in another Honours Examination in the year next after so obtaining honours, provided that the student has kept four terms and that nine complete terms have not passed after the student's first term of residence.

Regulation 12 (renumbered 11).

By amending the regulation so it reads as follows:

11. The examination for Part IA of the Architecture Tripos shall consist of two sections:

Section A. Studio-work.

Section B. Six papers as follows:

Paper 1.1: Professional skills I.

Paper 1.2: Materials and fabrication I.

Paper 1.3: Form and forces I.

Paper 1.4: Introduction to the history and theory of architecture to 1800.

Paper 1.5: Introduction to the history and theory of architecture after 1800.

Paper 1.6: Fundamental principles of environmental design.

Regulation 13 (renumbered 12).

By amending in sub-paragraph (b) the two references to the number of papers offered from 'five' to 'six'.

New Regulation 13.

By inserting a new regulation, as Regulation 13 and after the Part IB heading, to read as follows:

13. A student who has obtained honours in Part IA of the Architecture Tripos or the Design Tripos may be a candidate for honours in Part IB in the year next after so obtaining honours, provided that the student has kept four terms, and has satisfied the Examiners in studio-work in the examination for Part IA.

Regulation 14.

By amending the regulation so it reads as follows:

14. The examination for Part IB of the Architecture Tripos shall consist of three sections:

Section A. Studio-work.

Section B. Four papers as follows:

Paper 2.1: Professional skills II.

Paper 2.2: Materials and fabrication II.

Paper 2.3: Principles of structural design.

Paper 2.4: Principles of environmental design.

Section C. A list of papers in History and Theory as announced under Regulation 9.

Regulation 15.

By amending sub-paragraph (b) and adding a new sub-paragraph (c), to read as follows:

(b) for Section B, to offer all four papers. All four papers shall be examined by coursework.

(c) for Section C, to offer four papers. All four papers shall be examined by coursework.

New Regulation 16.

By inserting a new regulation, as Regulation 16 and after the Part II heading, to read as follows (and renumbering the subsequent regulations):

16. A student who has obtained honours in Part IB of the Architecture Tripos or the Design Tripos may be a candidate for honours in Part II in the year after so obtaining honours, provided that:

(a) the student has kept seven terms and twelve complete terms have not passed after the student's first term of residence; and

(b) the student has satisfied the Examiners in studio-work in the examination for Part IB.

Regulation 16 (renumbered 17).

By amending the regulation so it reads as follows:

17. The examination for Part II of the Architecture Tripos shall consist of four sections:

Section A. Studio-work.

Section B. Paper 3.1: Professional skills III.

Section C. A list of papers in History and Theory, Integrated, and Technical subjects as announced under Regulation 9.

Section D. A dissertation, or an alternative exercise of equivalent scope and standard approved by the Faculty Board, on a subject approved by the Faculty Board.

Regulation 17 (renumbered 18).

By revising the Regulation to read as follows:

18. A candidate for Part II shall be required:

- (a) for Section A, to present to the Examiners a portfolio of studio-work carried out during the current academic year;
- (b) to offer the paper in Section B, to be examined by coursework.
- (c) for Section C, to offer four papers. All four papers shall be examined by coursework.
- (d) for Section D, to submit a dissertation, or an alternative exercise of equivalent scope and standard, in accordance with the provisions of Regulations 19 and 20.

Regulation 18 (renumbered 19).

By updating the reference in sub-paragraph (a) from ‘Section C’ to ‘Section D’.

By updating the reference in sub-paragraph (d) from ‘Regulation 18(c)’ to ‘Regulation 19(c)’.

Regulation 19 (renumbered 20).

By updating the text ‘Regulation 17(c)’ to ‘Regulation 18(d)’ in the first sentence.

SUPPLEMENTARY REGULATIONS

(*Statutes and Ordinances*, p. 281)

The Faculty Board of Architecture and History of Art also gives notice of the withdrawal of the supplementary regulations for the Architecture Tripos.

Design Tripos

(*Statutes and Ordinances*, p. 310)

With effect from 1 October 2024

The General Board, on the recommendation of the Faculty Board of Architecture and History of Art, has approved the amendment of the regulations for the Design Tripos to introduce mathematics and programming content and update paper information to be more consistent with other offerings by the Faculty, as follows:

Regulation 7.

By adding a new sentence, after the first sentence in Regulation 7, to read ‘There shall be no fewer than twelve option papers for each of Part IB and Part IIA.’

Regulation 9.

By renaming Papers 1.3, 1.4 and 1.5 as follows:

- Paper 1.3: Form and forces I.
- Paper 1.4: Mathematics and programming I.
- Paper 1.5: History and theory of design I.

Regulation 12.

By renaming Papers 2.3 and 2.4 in Section B as follows:

- Paper 2.3: Form and forces II.
- Paper 2.4: Mathematics and programming II.

And by amending the description of Section C as follows:

- Section C. A list of optional papers in Technical, History and Theory, and Integrated subjects as announced by the Faculty Board under Regulation 7.

Regulation 15.

By amending the description of Section C as follows:

- Section C. A list of optional papers in Technical, History and Theory, and Integrated subjects as announced by the Faculty Board under Regulation 7.

History of Art Tripos

(*Statutes and Ordinances*, p. 369)

With effect from 1 October 2024

The General Board, on the recommendation of the Faculty Board of Architecture and History of Art, has approved the amendment of the regulations for the History of Art Tripos to rationalise the offering of Option Papers at Part II and increase optionality for students, as follows:

Regulations 10, 11, 14, 15 and 16.

By replacing the existing text of the regulations with the following:

10. The Faculty Board shall have power to issue from time to time supplementary regulations defining or limiting all or any of the subjects of examination and determining the scope and character of the papers, and to amend or withdraw such supplementary regulations as occasion may require, due care being taken that sufficient notice is given of any change.

11. Public notice of Option Papers, special periods, and books prescribed under the following regulations or under any supplementary regulations for the Tripos shall be given by the Faculty Board before the end of the Easter Term of the year next preceding the examination to which they apply provided that (i) the Board shall have the power to specify restrictions on the combinations of Option Papers that candidates may offer and (ii) the Board shall have the power of subsequently issuing amendments if they have due reason for doing so and if they are satisfied that no student's preparation for the examination is adversely affected.

14. The scheme of examination for Part IIA and IIB shall be:

Paper 1. Approaches to the history of art, with reference to works of criticism.

Paper 2. The display of art.

Papers 3–14. Part IIA Option Papers dealing with a particular person, subject or period in the history of art.

Papers 15–26. Part IIB Option Papers dealing with a particular person, subject or period in the history of art.

There shall be not less than eight and not more than twelve Option Papers specified for each of Part IIA and Part IIB. Papers 3–26 shall be assessed by coursework of not more than 4,000 words. Details of the nature of the coursework and of the arrangements for its submission shall be published by the Faculty Board not later than the beginning of the Full Michaelmas Term next preceding the examination.

15. A candidate for Part IIA shall offer Paper 1 and four Option Papers.

16. A candidate for Part IIB

- (a) who has obtained honours in Part IIA of the History of Art Tripos shall offer Paper 2; four Option Papers; and a Part IIB dissertation of between 7,000 and 9,000 words on a subject approved by the Faculty Board dealing with a particular person, work of art, subject or period in the history of art;
- (b) who takes the examination in the year after obtaining honours in another Tripos shall offer either Paper 1 or Paper 2; four Option Papers; and a Part IIB dissertation of between 7,000 and 9,000 words on a subject approved by the Faculty Board dealing with a particular person, work of art, subject or period in the history of art.

Human, Social and Political Sciences Tripos

(*Statutes and Ordinances*, p. 372)

The General Board, on the recommendation of the Faculty Board of Human, Social and Political Science, has approved amendments to the regulations for the Human, Social and Political Sciences Tripos to change the paper choices available, as follows:

With effect from 1 October 2022

Regulation 15.

By adding a new paper POL22 to the list of papers available in Politics and International Relations in Part IIA and Part IIB as follows:

POL22. A subject in politics and international relations X

Regulation 17.

By removing all footnotes from the regulation.

By adding 'CRIM1' to the list of papers after 'from the Archaeology Tripos,' in sub-paragraph (c)(iv) for *Candidates in Sociology*.

And by amending sub-paragraph (f)(ii) for *Candidates in Social Anthropology and Religious Studies – Modern Religion*, so it reads as follows:

(ii) one paper chosen from SAN3, SAN4 or SAN7–15.

Regulation 18.

By removing all existing footnotes from the regulation.

And by amending the regulation as follows:

(a) *Candidates in Politics and International Relations*:

By amending sub-paragraphs (ii) and (iii) to include POL22, remove SAN7 and add new footnotes, as follows:

- (ii) two papers chosen from POL10–22¹; one paper may be substituted by a dissertation on a subject approved by the Head of the Department of Politics and International Studies, which shall be submitted in accordance with the provisions of Regulation 19;
- (iii) one paper chosen from the following: B2–B4 from Part II of the Archaeology Tripos, SAN8–15, SOC6–15², Paper 5 or Paper 6 for the subject History and Philosophy of Science in Part II of the Natural Sciences Tripos, Paper 6 from Part II of the Historical Tripos, Paper 8 borrowed from Part II of the Economics Tripos, Paper EAS.2 from the Asian and Middle Eastern Studies Tripos, or a further paper chosen from POL6 and POL10–22¹.

¹ Paper POL10 cannot be taken if a candidate has taken Paper POL8 in Part IIA.

² Paper SOC6 can only be taken if a candidate has taken Paper SOC2 in Part IIA.

(b) *Candidates in Social Anthropology*:

By amending sub-paragraphs (ii) and (iii) to remove SAN7 and add new footnotes, as follows:

- (ii) *either* one paper chosen from SAN8–15, *or* a dissertation on a subject approved by the Head of the Department of Social Anthropology, which shall be submitted in accordance with the provisions of Regulation 19;
- (iii) one paper chosen from the following: a further paper chosen from SAN4 or SAN8–15, one paper chosen from POL13³, POL17, SOC5–15², Paper 5 for the subject History and Philosophy of Science in Part II of the Natural Sciences Tripos, or Paper J9 from the Asian and Middle Eastern Studies Tripos.

² Paper SOC6 can only be taken if a candidate has taken Paper SOC2 in Part IIA.

³ Paper POL13 can only be taken if a candidate has taken Papers POL3 or POL4 in Part IIA.

(c) *Candidates in Sociology*:

By amending sub-paragraphs (i), (ii) and (iii) to remove SAN7 and add new footnotes, as follows:

- (i) one paper chosen from SOC5–13²;
- (ii) two further papers chosen from SOC5–15², one of which may be substituted by a dissertation on a subject approved by the Head of the Department of Sociology, which shall be submitted in accordance with the provisions of Regulation 19;
- (iii) one paper chosen from the following: B2–B4 from Part II of the Archaeology Tripos, POL13³, POL17, SAN8–15, Papers PBS6–8 of the Psychological and Behavioural Sciences Tripos, a further paper chosen from SOC5–15².

² Paper SOC6 can only be taken if a candidate has taken Paper SOC2 in Part IIA.

³ Paper POL13 can only be taken if a candidate has taken Papers POL3 or POL4 in Part IIA.

(d) Candidates in Politics and Sociology:

By amending sub-paragraphs (i) and (ii) to add POL22 and new footnotes, as follows:

- (i) two papers chosen from POL6, POL10–22¹;
- (ii) two papers chosen from SOC5–15^{2, 4};

¹ Paper POL10 cannot be taken if a candidate has taken Paper POL8 in Part IIA.

² Paper SOC6 can only be taken if a candidate has taken Paper SOC2 in Part IIA.

⁴ Paper SOC5 cannot be taken if a candidate is also taking Paper POL6.

(e) Candidates in Social Anthropology and Politics:

By amending sub-paragraphs (i) and (ii) to remove SAN7 and add POL22 and a new footnote, as follows:

- (i) one paper chosen from SAN5–6, and one paper chosen from SAN4–6 or SAN8–15;
- (ii) two papers chosen from POL6, POL10–22¹;

¹ Paper POL10 cannot be taken if a candidate has taken Paper POL8 in Part IIA.

(f) Candidates in Social Anthropology and Religious Studies – Modern Religion:

By amending sub-paragraph (ii) to remove SAN7, as follows:

- (ii) one paper chosen from SAN4, SAN6 or SAN8–15;

(h) Candidates in Sociology and Social Anthropology:

By amending sub-paragraphs (i) and (ii) to add a footnote and remove SAN7, as follows:

- (i) two papers chosen from SOC5–15²;
- (ii) one paper chosen from SAN4, SAN6 or SAN8–15;

² Paper SOC6 can only be taken if a candidate has taken Paper SOC2 in Part IIA.

With effect from 1 October 2023

Regulation 15.

By adding a footnote to suspend Paper SOC8 *A subject in sociology III* in 2023–24.

Regulation 17.

By removing the text ‘Paper 10 or Paper 11 from Part I of the Historical Tripos,’ from sub-paragraphs (a)(iv) for *Candidates in Politics and International Relations* and (c)(iv) for *Candidates in Sociology*.

Regulation 18.

By amending sub-paragraph (iv) to update paper numbers and add a new footnote, as follows:

- (iv) one paper chosen from C2–C26⁵ of the Theology, Religion and Philosophy of Religion Tripos;

⁵ Paper C17 is not permitted for students on the Social Anthropology and Religious Studies – Modern Religion joint track.

Natural Sciences Tripos and Physics for the M.A.St. Degree

(Statutes and Ordinances, p. 415)

The General Board, on the recommendation of the Committee of Management for the Natural Sciences Tripos, has approved amendments to the regulations for the Natural Sciences Tripos (i) to divide the Part IA second class into an upper and lower division, making this classing comparable to the other Parts of the Natural Sciences Tripos; (ii) in the subjects *Pathology, Physical Sciences* and *Physics* in Parts Ib and II, to provide the opportunity for more optionality in module choice, provide opportunity for formative feedback and better align with current practice; and (iii) in the subject *Physics* at Part III of the Natural Sciences Tripos and for the examination in Physics for the degree of Master of Advanced Study, to remove the general physics written paper and the Long Vacation project from the scheme of examination, as follows:

With effect from 1 October 2023

PART IA

Regulation 18.

By amending the regulation to read as follows:

18. The names of the candidates who obtain honours in Part IA shall be arranged in three classes, of which the second shall be divided into two divisions. The names in the first and third classes, and in each division of the second class, shall be arranged in alphabetical order.

PART II

Regulation 30.

By amending the examination requirements as follows:

Pathology

By amending the duration of the practical examination in (a) to 'three hours'.

And by adding the following text before the final sentence of the requirements as follows:

The candidate shall complete an extended essay linked to the research project as an additional coursework component to be submitted not later than the third day of the Full Lent Term for formative assessment. The candidate will have the opportunity to modify the essay and incorporate it into the introduction section of the project report.

Physical Sciences

By replacing the existing text of sub-paragraph (ii), outlining the requirements for Half Subject Physics, with the following:

- (ii) The examination requirements for Half Subject Physics shall consist of:
- (1) two papers drawn from the core papers in Physics in Part II of the Natural Sciences Tripos;
 - (2) one paper drawn from the optional papers in Physics in Part II of the Natural Sciences Tripos;
 - (3) two units of further work not to include the research review;
 - (4) a computing exercise.

Each paper shall be of two hours' duration.

The types of further work and their examination requirements including submission deadlines shall be announced by the Head of the Department of Physics not later than the beginning of the Michaelmas Term. The Examiners shall be provided by the Head of the Department with assessments of the work submitted by candidates, and shall take these assessments into account in assigning marks for the examination.

Half Subject Physics may not be offered unless the candidate has previously offered Physics A or Physics B in Part IB of the Tripos.

Physics

By replacing the existing text with the following:

Physics. Each candidate shall offer:

- (a) the four core papers;
- (b) a minimum of three papers chosen from a list of at least four optional papers;
- (c) three or more units of further work;
- (d) a computing exercise.

Each paper shall be of two hours' duration.

The types of further work and their examination requirements including submission deadlines shall be announced by the Head of the Department of Physics not later than the beginning of the Michaelmas Term. The Examiners shall be provided by the Head of the Department with assessments of the work submitted by candidates, and shall take these assessments into account in assigning marks for the examination.

If a candidate offers four papers in (b) the Examiners will take into account the three components which they judge to be the best.

If a candidate offers more than three units of further work in (c) the Examiners will take into account the three components which they judge to be the best.

In drawing up the class-list the Examiners shall take account of the standard attained by a candidate in each part of the examination as well as the aggregate of marks obtained.

PART III / M.A.ST.

Regulation 36.

Physics

By replacing the existing text of the examination requirements with the following:

Physics. Each candidate shall offer:

- (a) one written paper of three hours in general physics;
- (b) at least three major topics and at least three minor topics, provided that in place of one or more of the minor topics a candidate may submit approved units of further work (comprising classwork and/or practical work);
- (c) a report of a research project of not more than 5,000 words, excluding footnotes.

The Head of the Department of Physics shall announce not fewer than five major topics and ten minor topics, and the types of further work for the examination, including the form of assessment for each topic or piece of further work, not later than the beginning of the Michaelmas Term.

The subject of the research project may be either proposed by the candidate and approved by the Head of the Department of Physics, or chosen by the candidate from a list of approved subjects announced by the Head of the Department. The Head of the Department of Physics shall announce detailed regulations for the project including relevant deadlines not later than the beginning of the Michaelmas Term.

The Examiners shall be provided by the Head of the Department of Physics with assessments of the reports or further work submitted by candidates under (b) and (c), and shall take the assessments into account in assigning marks for the examination.

SUPPLEMENTARY REGULATIONS

PART IB

By removing the supplementary regulation for Physics B in its entirety.

With effect from 1 October 2024

PART III / M.A.ST.

Regulation 36.

Physics

By removing sub-paragraph (a), concerning the written paper in general physics, from the examination requirements, renumbering the remaining sub-paragraphs and updating the cross-references in the final paragraph.

General Regulations for Certain Postgraduate Degrees and other Qualifications

(*Statutes and Ordinances*, p. 450)

With effect from 1 October 2022

The General Board, on the recommendation of the Strategic Committee for the Institute of Continuing Education, has approved the withdrawal of the *Engineering* pathway within the Advanced Diploma in Research Theory and Practice in English (Engineering or Business Management) and has updated the general regulations to remove reference to the pathway from Regulation 12(d)(iii), as follows:¹

Regulation 12.

By removing ‘Engineering or’ from the bracketed text in the name of the Advanced Diploma in sub-paragraph (d)(iii) so it reads ‘(Business Management)’.

¹ See also the Notice on p. 897.

Master of Law (LL.M.)

(*Statutes and Ordinances*, p. 474)

The General Board, on the recommendation of the Faculty Board of Law, has approved the amendment of the regulations for the LL.M. examination for the degree of Master of Law, as follows:

With effect from 1 October 2023

Regulation 1.

By increasing the number of papers on offer by replacing ‘thirty-five’ with ‘forty’ in the first sentence.

With effect from 1 October 2024

Regulation 9.

By replacing, in sub-paragraphs (a), (b), (g), (h) and (i), references to ‘essay’ with ‘coursework’ and revising the text to read as follows:

9. (a) A candidate who intends to offer a dissertation under Regulation 4(a)(ii) or (iii) shall submit the title of the proposed dissertation, together with a statement of the subjects the candidate intends to offer in the LL.M. Examination, to the Secretary of the Faculty Board no later than the third Friday of the Full Michaelmas Term next preceding the examination.

(b) A candidate may only offer such a dissertation if the Faculty Board has approved its title. The Faculty Board shall approve such a title, or reject the candidate’s application to offer such a dissertation, as soon as practicable following the third Friday of the Full Michaelmas Term next preceding the examination, and in any event no later than the end of that Full Term. The Faculty Board shall promptly communicate to a candidate any decision made under this paragraph.

(g) When the Faculty Board has approved the title of a dissertation, no change shall be made to it, or to the candidate’s scheme of subjects offered, without the further approval of the Board.

(h) A candidate for the LL.M. Examination shall submit any coursework or dissertation they are offering to the Secretary of the Faculty Board no later than 1 May next preceding that examination. A candidate who submits coursework or a dissertation to the Secretary of the Faculty Board after this date may be penalised by the Examiners of the LL.M. Examination.

(i) Any coursework or dissertation submitted shall be typewritten.

Regulation 10

By amending the maximum word limit for the dissertation in the penultimate sentence from ‘18,000’ to ‘12,000’.

Regulation 11

By replacing the word ‘essay’ with ‘coursework’ and adding a reference to Regulation 2(a)(iii) so the regulation reads:

11. A candidate who offers coursework under Regulation 2(a)(ii) or (a)(iii), or a dissertation under Regulation 4(a)(ii) or (a)(iii), may be called for *viva voce* examination in connection with such coursework or dissertation.

Economics and Data Science for the M.Phil. Degree

With effect from 1 October 2024

The General Board, on the recommendation of the Faculty Board of Economics, has approved Economics and Data Science as a subject for examination for the degree of Master of Philosophy by advanced study with effect from 1 October 2024. Special regulations for the examination in the subject have been approved as follows:

ECONOMICS AND DATA SCIENCE

1. The scheme of examination for the one-year full-time or two-year part-time course of study in Economics and Data Science for the degree of Master of Philosophy shall consist of:

- (a) seven core modules;
- (b) two additional modules selected from a list of optional modules published by the Degree Committee for the Faculty of Economics;
- (c) a project report of not less than 8,000 and not more than 10,000 words in length.

2. The list of optional modules shall be published by the Degree Committee not later than the end of the Easter Term of the academic year preceding that in which the examination is to be held, provided that the Degree Committee shall have power to give notice of additional optional modules not later than the end of the Michaelmas Term. A candidate may not offer a module that they have taken for any other University examination.

3. At the discretion of the Examiners, the examination may include an oral examination on the work submitted by the candidate and on the general field of knowledge within which it falls.

Population Health Sciences for the M.Phil. Degree

(*Statutes and Ordinances*, p. 542)

With effect from 1 October 2023

The General Board, on the recommendation of the Faculty Boards of Clinical Medicine and Veterinary Medicine, has approved the amendment of the regulations for the examination in Population Health Sciences for the degree of Master of Philosophy by advanced study to rationalise the course regulations by removing Regulation 4.

Sociology for the M.Phil. Degree

(*Statutes and Ordinances*, p. 544)

With effect from 1 October 2024

The General Board, on the recommendation of the Faculty Board of Human, Social and Political Science, has approved the amendment of the regulations for the examination in Sociology for the degree of Master of Philosophy by advanced study to introduce a part-time option, as follows:

Regulation 1.

By amending the first sentence of the regulation so it reads as follows:

1. The scheme of examination for the one-year full-time and two-year part-time course of study in Sociology for the degree of Master of Philosophy shall be as follows:

Advanced Diploma in Research Theory and Practice in English (Engineering or Business Management)

(*Statutes and Ordinances*, p. 585)

With effect from 1 October 2022

The General Board, on the recommendation of the Strategic Committee for the Institute of Continuing Education, has approved the withdrawal of the *Engineering* pathway within the Advanced Diploma in Research Theory and Practice in English (Engineering or Business Management). The course title will be amended to read ‘Advanced Diploma in Research Theory and Practice in English (Business Management)’ and the course regulations will be amended to remove references to the Engineering pathway, the Faculty Board of Engineering and the Degree Committee of Engineering, as follows:

Regulation 1.

By removing the instances of ‘Engineering or’ from the text of Regulation 1.

Regulation 2.

By amending the regulation so it reads as follows:

2. A candidate for the Advanced Diploma in Research Theory and Practice in English (with a specialization in Business Management) must be recommended by the Institute of Continuing Education’s Academic Policy and Operations Committee and formally approved by the Degree Committee for the Faculty of Business and Management. Each candidate shall pursue in the University a course of study extending over one academic year. The Course Director of the Advanced Diploma in Research Theory and Practice in English (with a specialization in Business Management) will supervise the candidate and shall comply with any special conditions that the Degree Committee may prescribe. No one shall be a candidate in the same year both for the Advanced Diploma in Research Theory and Practice in English (with a specialization in Business Management) and for another Diploma or for any Honours Examination.

Regulation 3.

By removing ‘Engineering or’ from the brackets in the first sentence of Regulation 3 and removing the word ‘relevant’ from the end of the text of the scheme of examination for both Part 1 and Part 2.

Regulation 4.

By amending the regulation so it reads as follows:

4. The Degree Committee shall nominate such number of Examiners as they deem sufficient; they shall also have power to nominate one or more Assessors to the Examiners.

Regulation 5.

By removing ‘, either Engineering or Business Management,’ from the text of the regulation.

Regulation 8.

By removing the text for the form of the Diploma relating to the Engineering specialisation from the regulation.

Diplomas and Certificates open to non-members of the University

(*Statutes and Ordinances*, p. 596)

With effect from 1 October 2021

The General Board, on the recommendation of the Strategic Committee for the Institute of Continuing Education, has approved an amendment to the Schedule of diplomas and certificates open to non-members of the University, to rename a Diploma, as follows:

SCHEDULE

Diplomas

Institute of Continuing Education

By amending the title of the Diploma in Archaeology: Conflict, History and Heritage to read ‘Diploma in Archaeology: Conflict Archaeology and Heritage’.

NOTICES BY FACULTY BOARDS, ETC.**Asian and Middle Eastern Studies Tripos: Supplementary Regulations**

(*Statutes and Ordinances*, p. 289)

The Faculty Board of Asian and Middle Eastern Studies gives notice that amendments have been made to the Supplementary Regulations for Parts IB and II of the Asian and Middle Eastern Studies Tripos, as follows:

PART IB

By amending the paper information as follows:

J.6A. Japan's pre-modern history and J.6B. Japan's modern history

By removing the footnote.

MES.20. Themes in the anthropology of Islam

By adding a footnote to the paper to read 'In 2023–24, this paper will be convened by the Theology, Religion and Philosophy of Religion Tripos (Paper B12) and borrowed by students in the Asian and Middle Eastern Studies Tripos.'

Additional papers available for examination under Regulation 8

By adding the following two papers to the list:

K.1. Modern Korean 1

The aim of this course is to help students acquire solid basic skills of language learning and to foster students' cultural awareness and understanding of contemporary Korean society and culture.

C.10. Politics and international relations of China, 1949–present

This paper is designed to provide a solid (if basic) foundation in the study of Chinese politics and international relations, from 1949 to the present – but with a significant tilt toward the contemporary (especially post-1990s).

PART II

Additional papers available for examination under Regulation 8

By making changes to the existing list as follows:

EAS.3. The Korean wave: By removing this paper from the list.

C.14. Advanced Chinese texts: By amending the existing footnote to read 'This paper is not available in 2023–24.'

C.16. Cultural history of late-imperial China: By removing the footnote to reinstate the paper.

C.19. Chinese linguistics: By adding a footnote to read 'When offered, this paper is also available to candidates for Part II of the Modern and Medieval Languages Tripos, provided they have the necessary language proficiency.'

C.21. China in the international order (Paper POL21 of the Human, Social, and Political Sciences Tripos, when it is offered on this topic): By replacing the existing title and borrowing note and deleting the footnote so that it reads:

C.21. Research seminar in Chinese politics

An introduction to key socio-political and cultural developments in reform-era China (from the early 1980s to the present), while situating them in the historical contexts of the late Imperial and Maoist periods. Topics covered will include Chinese political culture, kinship and marriage, reproduction and family planning, gender and sexuality, urban and rural lives, ethnic minorities, religion, state and society, nationalism, migration, law and society, etc. The analytical approaches are drawn from anthropology, political science, sociology, and cultural studies.

J.13. Advanced Japanese texts: By amending the existing footnote to read 'This paper is not available in 2023–24.'

J.14. Classical Japanese texts: By amending the existing footnote to read 'This paper is not available in 2023–24.'

J.16. Topics in pre-modern Japanese history: By removing the existing footnote to reinstate the paper.

J.18. Japanese politics and international relations: By removing the description and amending the existing footnote to read 'This paper has been replaced by the Paper EAS.2.'

K.1. Modern Korean reading and writing: By removing this paper from the list.

By adding the following paper to the list:

K.2. Modern Korean 2

Students wishing to enrol in this paper would normally be expected to either have taken K1 or have a level of Korean language ability equivalent to that achieved from having taken K1.

MES.37. History of the pre-modern Middle East: By removing the footnote.

MES.40. Special subject in the contemporary Middle East: Israel: Invention of a culture: By removing the second footnote to reinstate the paper.

X.9. The Jewish tradition and Christianity: By removing the existing footnote to reinstate the paper.

MES.39. Special subject in the pre-modern Middle East: Islamic art and architecture: Routes, roots and new frontiers: By changing the subtitle from 'Islamic art and architecture: Routes, roots and new frontiers' to 'Power, patronage, and material culture in the Islamic world'.

MES.44. Economy/culture in the Middle East and beyond: By adding a footnote to read ‘This paper is not available in 2023–24.’

X.9. The Jewish tradition and Christianity: From antiquity to modernity (Paper C8 of the Theology, Religion, and Philosophy of Religion Tripos): By removing footnote 2 to reinstate the paper.

By adding the following paper and footnote to the list:

X.16. The history of the Indian Subcontinent from the late eighteenth century to the present day (Paper 28 of the Historical Tripos)^[1]

^[1] See the supplementary regulations for the Historical Tripos.

Advanced Chemical Engineering for the M.Phil. Degree, 2023–24

The Degree Committee for the Faculty of Engineering gives notice that, in the academic year 2023–24, the modules available to candidates studying the one-year course in Advanced Chemical Engineering for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 515) and the form of examination of each module will be as follows:

Mandatory modules

DA	Data analysis (coursework)
NM	Numerical methods in chemical engineering (coursework)

Elective modules (candidates must take eight)

B2	Electrochemical engineering (examination)
B3	Pharmaceutical engineering (examination)
B7	Interface engineering (examination)
B8	Adsorption and advanced nanoporous materials (coursework)
C1	Optical microscopy (examination)
C3	Healthcare biotechnology (examination)
C6	Biosensors and bioelectronics (coursework)
C7	Bionanotechnology (coursework and examination)
C8	Biophysics (examination)
4E1	Innovation and strategic management of intellectual property (coursework)
4E3	Business innovation in a digital age (coursework)
4E5	International business (coursework)
4E11	Strategic management (coursework)
4G5	Materials and molecules: Modelling, simulation and machine learning (coursework)
4M16	Nuclear power engineering (examination)
4M22	Climate change mitigation (coursework)
4M23	Electricity and environment (coursework)

Research requirements

Each candidate must submit a thesis of up to 10,000 words on a subject approved by the Degree Committee.

Bioscience Enterprise for the M.Phil. Degree, 2023–24

The Degree Committee for the Faculty of Engineering gives notice that the modules available to candidates studying the one-year course in Bioscience Enterprise for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 520) in the academic year 2023–24 and the form of examination of each module will be as follows:

Science and Technology (ST) modules

ST1	Biopharmaceutical discovery (coursework)
ST2	Biopharmaceutical development (coursework)
ST3	Trends in biotechnology (coursework)
ST4	Diagnostics and devices (coursework)
ST5	Agricultural biotechnology (coursework)

Business (B) modules

B1	Technology and innovation management (coursework)
B2	Healthcare economics (coursework)
B3	Law and intellectual property (coursework)

Transitory (T) modules

T1	Building a bioscience enterprise (coursework)
T2	Partnerships and alliances (coursework)
T3	Finances and valuation (coursework)

Joint assessments

Several principal individual assessments cover material from multiple modules, and include written papers on selected topics in science and technology in business (each of 4,000 words maximum) and a business plan submission. These assessments are:

- STB1 Science and technology in business, Paper I
- STB2 Science and technology in business, Paper II
- T4 Bioscience enterprise in practice

Coursework includes individual and/or group activities, to address one or a selected combination of report, critical appraisal, extended paper or audiovisual presentation and may include engagement in approved extracurricular activities.

All candidates are required to complete a dissertation of up to 10,000 words (reference: E1) on a topic approved by the Degree Committee, and will give a presentation on the project work at a symposium (reference: E2).

Biotechnology for the M.Phil. Degree, 2023–24

The Degree Committee for the Faculty of Engineering gives notice that, in the academic year 2023–24, the modules available to candidates studying the one-year course in Biotechnology for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 520) and the form of examination of each module will be as follows:

Core modules

- BPT Principles of biotechnology (*double module*) (coursework)
- BPC Biotechnology practical course (*double module*) (coursework)

Elective modules (candidates must take six)

- B3 Pharmaceutical engineering (examination)
- C1 Optical microscopy (examination)
- C3 Healthcare biotechnology (coursework)
- C6 Biosensors and bioelectronics (coursework)
- C7 Bionanotechnology (coursework and examination)
- C8 Biophysics (examination)
- BX2 Biomaterials (coursework and examination)
- MAM2 Systems biology (coursework)
- 4G1 Mathematical biology of the cell (coursework)
- 4G3 Computational neuroscience (coursework)
- 4G5 Materials and molecules: Modelling, simulation and machine learning (coursework)
- 4G6 Cellular and molecular biomechanics (examination)
- 4G7 Control and computation in living systems (coursework and examination)
- 4G9 Biomedical engineering (coursework)
- 4E1 Innovation and strategic management of intellectual property (coursework)
- 4E5 International business (coursework)
- 4E11 Strategic management (coursework)
- 4I8 Medical physics (examination)

Research

All candidates are required to complete an individual project report of up to 7,000 words (reference: BIRP) and to complete a team project assessed by a report of up to 7,000 words (reference: BGRP).

Energy Technologies for the M.Phil. Degree, 2023–24

The Degree Committee for the Faculty of Engineering gives 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. 527) in the academic year 2023–24 and the form of examination of each module will be as follows:

Core courses (compulsory)

ETA1	Energy topics (coursework)
ETA2	Revision of fundamentals (coursework)
ETB1	Clean fossil fuels (coursework)
ETB2	Renewables 1: Wind, wave, tidal and hydro (coursework)
ETB3	Renewables 2: Solar and biofuels (coursework)
ETB4	Energy systems and efficiency (coursework)

Electives (candidates must choose four or six, depending on whether a long or short dissertation is taken)

4A2	Computational fluid dynamics (coursework)
4A3	Turbomachinery I (coursework and examination)
4A4	Aircraft stability and control (course-work)
4A7	Aerodynamics (coursework)
4A9	Molecular thermodynamics (examination)
4A12	Turbulence and vortex dynamics (examination)
4A13	Combustion and IC engines (examination)
4A15	Aeroacoustics (examination)
4B19	Renewable electrical power (examination)
4C7	Random and non-linear vibrations (coursework and examination)
4D13	Architectural engineering (coursework)
4E1	Innovation and strategic management of intellectual property (coursework)
4E3	Business innovation in a digital age (coursework)
4E6	Accounting and finance (coursework)
4E11	Strategic management (coursework)
4F2	Robust and non-linear systems and control (examination)
4F3	Optimal and predictive control (examination)
4F12	Computer vision (examination)
4I10	Nuclear reactor engineering (examination)
4I11	Advanced fission and fusion systems (examination)
4M12	Partial differential equations and variational methods (examination)
4M16	Nuclear power engineering (examination)
4M17	Practical optimisation (coursework)
4M19	Advanced building physics (coursework)
4M22	Climate change mitigation (coursework)
4M23	Electricity and environment (coursework)
5R10	Turbulent reacting flows (coursework)
5R18	Environmental fluid mechanics and air pollution (coursework)
ESD450	Policy, legislation and government (coursework)
B2	Electrochemical engineering (examination)

Research requirements

Each candidate must submit a dissertation *either* of up to 10,000 words (if the candidate has taken six elective modules) *or* of up to 20,000 words (if the candidate has taken four elective modules) on a subject approved by the Degree Committee.

Engineering for Sustainable Development for the M.Phil. Degree, 2023–24

The Degree Committee for the Faculty of Engineering gives 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. 528) in the academic year 2023–24 and the form of examination of each module will be as follows:

Core courses (mandatory)

Teaching to take place in Michaelmas Term 2023

- ESD150 Driving change towards sustainability (coursework)
- ESD200 Sustainability methods and metrics (coursework)
- ESDSE Stakeholder engagement (coursework)

Teaching to take place in Lent Term 2024

- ESD380 Resilience of infrastructure systems (coursework)
- ESD560 Innovations in sustainable design and manufacturing (coursework)
- ESDCCP Client consultancy project (coursework)

Elective modules

Teaching to take place in Michaelmas Term 2023

- ESD650 International development (coursework)
- 4B19 Renewable electrical power (examination¹)
- 4D13 Architectural engineering (coursework)
- 4D16 Construction management (examination)
- 4E1 Innovation and strategic management of intellectual property (coursework)
- 4E3 Business innovation in a digital age (coursework)
- 4E6 Accounting and finance (coursework)
- 4M22 Climate change mitigation (coursework)
- TPE20² Management of the innovation process (coursework)
- TPE23² Negotiation skills (coursework)
- TPE25² Strategic valuation: Uncertainty and real options in system design (coursework)

Teaching to take place in Lent Term 2024

- ESD450 Policy, legislation and government (coursework)
- ESD950 Water management for development in a changing climate (coursework)
- ESD-A2 Sustainable architecture and urban design (coursework)
- 4D4 Construction engineering (coursework)
- 4E5 International business (coursework)
- 4E11 Strategic management (coursework)
- 4M23 Electricity and environment (coursework)
- 5R18 Environmental fluid mechanics (coursework)
- ETB2 Renewable energy: Wind, wave, tidal and hydro (coursework)
- ETB3³ Renewable energy: Solar and biofuels (coursework)
- ETB4 Energy systems and efficiency (coursework)
- TP4² Business, government and technology in emerging markets (coursework)
- TPE21² The circular economy – entrepreneurial environment and policy implications (coursework)

Research Requirements

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

¹ All written examinations are of ninety minutes' duration unless otherwise specified.

² Limited places available for ESD students or a cap will be placed of approx. five ESD students per module.

³ Lectures in both Michaelmas and Lent Terms (classified as a Lent module).

Innovation, Strategy and Organisation for the M.Phil. Degree, 2023–24

The Degree Committee for the Faculty of Business and Management gives notice that, in the academic year 2023–24, the subjects for examination in Innovation, Strategy and Organisation for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 534) will be as listed below. The method of examination is shown for each subject.

Group 1 (mandatory subjects)

- ISO1 Information systems, innovation and organisational change [3,000-word essay (85%); leading group discussion (10%); class participation (5%)]
- ISO2 Organisations and strategic innovation [3,000-word essay (70%); 30-minute seminar group presentation (30%)]
- ISO3 Organisations theory [3,000-word essay (70%); 30-minute seminar group presentation (30%)]
- ISO5 Qualitative research methods [two 1,000-word essays (20% each); 3,000-word essay (60%)]

either

- ISO4 Statistical concepts for management researchers [1,000-word assignment (80%); 30-minute seminar presentation (20%)]

or

- MF2 Econometrics I [3-hour in-class test (80%); online quiz (20%)]

either

- Dissertation [12,000 words]

or

- ISO12 Individual research project (4,000-word essay)

Group 2 (optional papers)

- ISOE7 Seminar in strategy process [individual paper (70%); leading discussion (15%); in-class participation (15%)]
- ISOE6 Strategic organising of digital and social innovation [individual 3,000-word essay (60%); 20-minute case study group presentation (25%); 10-minute individual presentation and class participation (15%)]
- SMO9 Organisational research methods [5,000-word essay (80%); reaction papers (20%)]
- SMO11 Marketing strategy [4,000-word essay (80%); 20-minute individual presentation (20%)]
- SMO1 Introduction to operations and technology management research [homework assignment of up to 15 mathematical questions (50%); 2,500-word research proposal (30%); paper presentations/discussion and participation (20%)]
- SMO6 Fundamentals of competitive markets [2-hour in-class test]

Nuclear Energy for the M.Phil. Degree, 2023–24

The Degree Committee for the Faculty of Engineering gives notice that, in the academic year 2023–24, the modules available to candidates studying the one-year course in Nuclear Energy for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 540) and the form of examination of each module will be as follows:

Compulsory core modules

- NE1 Reactor physics (examination)
- NE2 Reactor engineering and thermal-hydraulics (*double module*) (coursework and examination)
- NE5 Nuclear safety principles and practice (*half module*) (coursework)
- NE6 Nuclear policy (coursework)
- NE7 Nuclear practice (*half module*) (coursework)

Other core modules (candidates must take at least one)

- NE3 Materials for nuclear energy (examination)
- NE4 Fuel cycle, waste and decommissioning (examination)
- NE8 Computational reactor modelling (coursework)
- NE9 Advanced fission and fusion reactor systems (coursework)

Elective modules

4A2	Computational fluid dynamics (coursework)
4A3	Turbomachinery I (coursework and examination)
4B19	Renewable electrical power (examination)
4C4	Design methods (examination)
4C5	Design case studies (coursework)
4D7	Concrete structures (coursework and examination)
4D10	Structural steelwork (coursework and examination)
4E5	International business (coursework)
4E6	Accounting and finance (coursework)
4E11	Strategic management (coursework)
4E12	Project management (coursework)
4F2	Robust and non-linear systems and control (examination)
4F12	Computer vision (examination)
4I8	Medical physics (examination)
4M17	Practical optimisation (coursework)
4M22	Climate change mitigation (coursework)
4M23	Electricity and environment (coursework)
ESD560	Innovations in sustainable manufacturing (coursework)
B2	Electrochemical engineering (examination)
B6	Fluid mechanics and the environment (examination)
TP2	Economic foundations of technology policy (coursework)
TP4	Business, government and technology in emerging markets (coursework)
TP5	Policy design and evaluation (coursework)
TPE20	Management of the innovation process (coursework)
TPE21	Entrepreneurial science and innovation policy (coursework)
TPE23	Negotiation skills (coursework)
TPE24	Competitive strategy in the digital age (coursework)
PNP	Particle and nuclear physics/computational physics (examination)

Research

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

Strategy, Marketing and Operations for the M.Phil. Degree, 2023–24

The Degree Committee for the Faculty of Business and Management gives notice that, in the academic year 2023–24, the list of available modules for the examination in Strategy, Marketing and Operations for the degree of Master of Philosophy (*Statutes and Ordinances*, p. 545), from which candidates will choose six modules,¹ is as follows. The method of examination is shown for each subject.

MF2	Econometrics I [one three-hour in-class test (80%); one online quiz (20%)]
MF2A	Econometrics II [one three-hour in-class test (80%); one online quiz (20%)]
SMO1	Introduction to operations and technology management research [paper on research opportunities of up to 3,000 words (50%); class presentation (30%); in-class participation (20%)]
SMO2	Classics of operations and technology management research [homework assignment of up to 15 mathematical questions (50%); 2,500-word research proposal (30%); paper presentation/discussion and participation (20%)]
SMO3	Advanced topics in operations and technology management research [class presentation (20%); homework assignment of up to 15 mathematical questions (40%); two referee reports on working papers of no more than 2,000 words (40%)]
SMO7	Consumer behaviour [4,000-word essay (80%); 20-minute individual presentation (20%)]
SMO5	Individual research project [5,000-word essay (100%)]
SMO6	Fundamentals of competitive markets [one two-hour class test (100%)]
SMO9	Organisational research methods [4,000-word essay (80%); reaction papers (20%)]
SMO10	Organisational behaviour [4,000-word term paper (50%); class participation: weekly reaction memos and verbal paper summaries in the class (30%); 20-minute individual presentation (20%)]
SMO11	Marketing strategy [4,000-word essay (80%); 20-minute individual presentation (20%)]

¹ The Degree Committee may permit a particular candidate to take an additional three modules from this list, in place of the dissertation.

ISO1	Information systems, innovation and organisational change [3,000-word essay (85%); leading group discussion (10%); class participation (5%)]
ISO2	Organisations and strategic innovation [3,000-word essay (70%); half-hour seminar group presentation (30%)]
ISO3	Organisations theory [3,000-word essay (70%); half-hour seminar group presentation (30%)]
ISO5	Qualitative research methods [two 1,000-word essays (20% each); one 3,000-word essay (60%)]
ISOE6	Strategic organising of digital and social innovation [3,000-word essay (60%); 20-minute case study group presentation (25%); 10-minute individual presentation and class participation (15%)]
ISOE7	Seminar in strategy process [individual paper (70%); leading discussion (15%); in-class participation (15%)]
E300	Econometric methods (TBC by Economics)
R100	Microeconomics (TBC by Economics)
S140	Behavioural economics (TBC by Economics)
S170	Industrial organisation (TBC by Economics)
S500	Development economics (TBC by Economics)
MFin35	Further econometrics (TBC by M.Fin.)

Connected Electronic and Photonic Systems for the M.Res. Degree, 2023–24

The Degree Committee for the Faculty of Engineering gives notice that the modules available to candidates studying the one-year course in Connected Electronic and Photonic Systems for the degree of Master of Research (*Statutes and Ordinances*, p. 550) in the academic year 2023–24 and the form of examination of each module will be as follows:

Electronic components and systems

4B13	Electronic sensors and instrumentation (examination)
4B24	Radio frequency systems (coursework and examination)
4B25	Embedded systems for the internet of things (coursework)
UCLRFD	RF circuits and devices (coursework and examination)
UCLWCP	Wireless communications principles (coursework and examination)

Photonic components and systems

4B11	Photonic systems (examination)
4B23	Optical fibre communications (coursework and examination)
UCLAPD	Advanced photonic devices (examination)
UCLOTN	Optical transmission and networks (examination)
UCLPSS	Photonic sub-systems (examination)

Business

4E11	Project management (coursework)
UCLETP	Entrepreneurship theory and practice (coursework)
UCLTBE	Telecommunication business environment (coursework)

Electives

4B5	Quantum and nanotechnologies (coursework and examination)
4F5	Advanced information theory and coding (examination)
4F8	Image processing and image coding (examination)
4F12	Computer vision (examination)
4I14	Biosensors and bioelectronics (coursework)
UCLAML	Applied machine learning systems (coursework)
UCLBCL	Broadband communications lab (coursework)
UCLBTC	Broadband technologies and components (examination)
UCLIOT	Internet of things (coursework)
UCLPON	Physics and optics of nano-structure (coursework and examination)
UCLSNS	Software for network and services design (coursework)

The modules beginning ‘UCL’ are provided and examined by University College London.

Research

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

Future Infrastructure and the Built Environment for the M.Res. Degree, 2023–24

The Degree Committee for the Faculty of Engineering gives 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. 550) in the academic year 2023–24 and the form of examination of each module will be as follows:

Core modules (all compulsory)

CM1	Resilient infrastructure (coursework)
CM2	Technical challenges (coursework)
CM3	Research methods (coursework)
NMIS	Nurturing and managing innovation in science (coursework)

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

4B27	Internet of everything (coursework)
4C6	Advanced linear vibrations (coursework and examination)
4C7	Random and non-linear vibrations (coursework and examination)
4C9	Continuum mechanics (examination)
4D2	Advanced structural design (coursework)
4D4	Construction engineering (coursework)
4D5	Foundation engineering (coursework and examination)
4D6	Dynamics in civil engineering (coursework and examination)
4D7	Concrete structures (coursework and examination)
4D9	Offshore geotechnical engineering (examination)
4D10	Structural steelwork (coursework and examination)
4D13	Architectural engineering (coursework)
4D14	Contaminated land and waste management (coursework and examination)
4D16	Construction management (examination)
4E6	Accounting and finance (coursework)
4F3	An optimisation-based approach to control (examination)
4F7	Digital filters and spectrum estimation (examination)
4F8	Image processing and image coding (examination)
4F10	Deep learning and structured data (examination)
4F12	Computer vision (examination)
4F13	Probabilistic machine learning (coursework)
4M12	Partial differential equations and variational methods (examination)
4M16	Nuclear power engineering (examination)
4M17	Practical optimisation (coursework)
4M19	Advanced building physics (coursework)
4M20	Robotics (coursework)
4M22	Climate change mitigation (coursework)
4M23	Electricity and environment (coursework)
4M24	Computational statistics and machine learning (coursework and examination)
5R5	Advanced experimental methods in geomechanics (coursework)
5R7	Advanced numerical methods in geomechanics (coursework)
5R14	Non-linear solid mechanics (coursework)
5R19	Earthquake engineering (coursework)
EP10	Climate change policy and land development (examination)
ESD650	International development (coursework)

Research

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

Future Propulsion and Power for the M.Res. Degree, 2023–24

The Degree Committee for the Faculty of Engineering gives notice that the modules available to candidates studying the one-year course in Future Propulsion and Power for the degree of Master of Research (*Statutes and Ordinances*, p. 551) in the academic year 2023–24 and the form of examination of each module will be as follows:

Core modules (all compulsory)

CFPP1	Advanced propulsion and power aerodynamics (examination)
FPP2	Turbomachinery aerodynamic design process (coursework)
FPP3	Experimental methods (coursework)
FPP4	Researcher skills (coursework)

Elective modules

4A2	Computational fluid dynamics (coursework)
4A3	Turbomachinery I (coursework and examination)
4A4	Aircraft stability and control (coursework)
4A7	Aerodynamics and design (coursework)
4A9	Molecular thermodynamics (examination)
4B19	Renewable electrical power (examination)
4E4	Management of technology (coursework)
4E6	Accounting and finance (coursework)
4F1	Control system design (coursework and examination)
4F13	Probabilistic machine learning (coursework)
4M17	Practical optimisation (coursework)
4M24	Computational statistics and machine learning (coursework)

Research

All candidates are required to complete three mini-projects:

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

All candidates are also required to complete three industry courses:

IC1	Holistic gas turbine design
IC2	Gas turbine build
IC3	Product design

Finally, all candidates are required to complete a Ph.D. proposal dissertation of up to 12,000 words on a topic approved by the Degree Committee.

Sensor Technologies and Applications for the M.Res. Degree, 2023–24

The Degree Committee for the Faculty of Engineering gives notice that, in the academic year 2023–24, 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. 552), and the form of examination of each module, will be as follows:

Core modules (all compulsory)

STA1	Principles of sensing (coursework)
STA2	Guided sensor design project (coursework)
STA3	Inclusive innovation (coursework)

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

BIOPR	Biological physics (principles) (examination)
4B5	Quantum and nanotechnologies (coursework and examination)
4B11	Photonic systems (examination)
4B13	Electronic sensors and instrumentation (examination)
4B25	Embedded systems for the internet of things (coursework)
4B27	Internet of everything (coursework)
4C3	Advanced functional materials and devices (examination)
4F8	Image processing and image coding (examination)
4F10	Deep learning and structured data (examination)
4F12	Computer vision (examination)

4F13	Probabilistic machine learning (coursework)
4G9	Biomedical engineering (coursework)
4I8	Medical physics (examination)
4M22	Climate change mitigation (coursework)
C1	Optical microscopy (examination)
C6	Biosensors and bioelectronics (coursework)
C7	Bionanotechnology (coursework and examination)
C8	Biophysics (examination)
IDP1	Atmospheric chemistry and global change (examination)
L46	Principles of machine learning systems (coursework)
L48	Machine learning and the physical world (coursework)
L349	Mobile health (coursework)
L335	Machine visual perception (coursework)
P342	Practical research in human-centred AI (coursework)
R244	Large-scale data processing and optimisation (coursework)
R265	Advanced topics in computer architecture (coursework)

Research

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

GRACES

Graces submitted to the Regent House on 26 July 2023

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. 112), will be deemed to have been approved at **4 p.m. on Friday, 4 August 2023**. Further information on requests for a ballot or the amendment of Graces is available to members of the Regent House on the Regent House Petitions site.[§]

1. That the recommendations in paragraph 12 of the Joint Report of the Council and the General Board, dated 14 June 2023, on the regulation of the methods and modes of assessment in University examinations (*Reporter*, 6704, 2022–23, p. 742) be approved.¹
2. That the recommendation in paragraph 7 of the Joint Report of the Council and the General Board, dated 28 June 2023, on an updated contribution reward scheme for academic-related staff in Grade 12 (*Reporter*, 6706, 2022–23, p. 780) be approved.²
3. That the recommendations in paragraph 42 of the Report of the Council, dated 28 June 2023, recommending allocations from the Chest for 2023–24 (*Reporter*, 6706, 2022–23, p. 782) be approved.³
4. That the recommendations in paragraph 7 of the Report of the General Board, dated 28 June 2023, on curatorial and associated staff progression in certain museums (*Reporter*, 6706, 2022–23, p. 789) be approved.⁴
5. That the recommendations in paragraph 6 of the Report of the Council, dated 12 July 2023, on the demolition of derelict buildings on the North West Cambridge Estate (*Reporter*, 6708, 2022–23, p. 847) be approved.
6. That the recommendation in paragraph 5 of the Report of the Council, dated 12 July 2023, on the establishment of an office of Chief Financial Officer (*Reporter*, 6708, 2022–23, p. 849) be approved.⁵
7. If Grace 6 is approved, that the office of Chief Financial Officer be added to the list of offices in Regulation 5 of the Ordinance for the Board of Scrutiny (*Statutes and Ordinances*, p. 119), the holders of which may not be members of the Board.⁶

¹ See the Council’s Notice, p. 881.

² See the Council’s Notice, p. 882.

³ See the Council’s Notice, p. 882.

⁴ See the Council’s Notice, p. 884.

⁵ See the Council’s Notice, p. 885.

⁶ The Council is publishing this Grace to make a change to Ordinance that was overlooked when submitting the proposal for the establishment of an office of Chief Financial Officer, see p. 885.

[§] See <https://www.governance.cam.ac.uk/governance/key-bodies/RH-Senate/Pages/RH-Petitions.aspx> for details.

8. That with effect from 1 October 2023, the stipends of the Proctors and of the Esquire Bedells be increased by 2.7% and 10.9% respectively.⁷
9. That a Centre for the Physics and Chemistry of Solids Fund be established in the University, to be governed by the following regulations:⁸

CENTRE FOR THE PHYSICS AND CHEMISTRY OF SOLIDS FUND

1. The funds received from the Department of Physics, together with such other sums as may be received or applied for the same purpose, shall form an endowment fund called the Centre for the Physics and Chemistry of Solids Fund to advance discovery-driven, fundamental science research in the field of the physics and chemistry of solids with a particular emphasis on projects with societal benefit and/or potential commercial and/or governmental applications.

2. The Managers shall be responsible for the administration of the Fund and the application of its income and shall comprise the Head of the School of the Physical Sciences, who shall be Chair, the Head of the Department of Physics, and one member of the Department of Physics appointed by the Faculty Board of Physics and Chemistry for such period as the Board shall determine.

3. Subject to Regulation 4, the income of the Fund shall and (if the Managers think fit) the capital of the Fund may be applied towards the following:

- (a) the payment of the stipend, national insurance, pension contributions, and associated indirect costs of the following offices and posts payable by the University:
- (i) the Director of the Centre for the Physics and Chemistry of Solids, which may, subject to the provisions of Special Ordinances C (vii) A.10 and C (ix) 9, be held concurrently with a University office;
 - (ii) such research posts within the Centre for the Physics and Chemistry of Solids as the Managers shall determine.
- (b) the support of the Centre for the Physics and Chemistry of Solids in such manner as the Managers shall determine, including but not limited to the consumables and operational research costs of the Centre.

4. Any unexpended income in any financial year, including income accrued during a vacancy in the offices and posts supported by the Fund, may, at the discretion of the Managers:

- (a) with the approval of the Council of the School of the Physical Sciences, be applied to support research in the field of physics in the University in such manner as may be recommended by the Managers; and/or
- (b) be carried forward for use as income in accordance with Regulation 3 in any one or more subsequent financial years.

10. That, on the recommendation of the General Board, a Dobson Professorship of Materials Science and Metallurgy be established in perpetuity from 1 April 2023, placed in the Schedule to Special Ordinance C (vii) 1, and assigned to the Department of Materials Science and Metallurgy.⁹

11. That a Dobson Professorship Fund be established in the University, to be governed by the following regulations:⁹

DOBSON PROFESSORSHIP FUND

1. The benefaction received from The Ann D Foundation, together with such other sums as may be received or applied for the same purpose, shall form an endowment fund called the Dobson Professorship Fund to advance research in the field of materials science and metallurgy by supporting a Dobson Professorship of Materials Science and Metallurgy.

2. The Managers shall be responsible for the administration of the Fund and the application of its income and shall comprise the Head of the Department of Materials Science and Metallurgy, who shall be Chair, and two members of the Department of Materials Science and Metallurgy appointed by the Head of the Department of Materials Science and Metallurgy for such period as the Head of Department shall determine.

⁷ The Council is submitting this non-routine increase to take account of the rise in the number of Congregations each year from 1 October 2023.

⁸ See the Council's Notice, p. 886.

⁹ See the Vice-Chancellor's Notice, p. 880, and the General Board's Notice, p. 887.

3. Subject to Regulation 4, the income of the Fund shall be applied towards the payment of the stipend, national insurance, pension contributions, and associated indirect costs of the Professorship payable by the University.

4. Any unexpended income in any financial year, including income accrued during a vacancy in the Professorship, may, at the discretion of the Managers:

- (a) be applied to support the work of the Professor;
- (b) with the approval of the Council of the School of the Physical Sciences, be applied to support research in the field of materials science and metallurgy in the University in such manner as may be recommended by the Managers; and/or
- (c) be carried forward for use as income in accordance with Regulation 3 in any one or more subsequent financial years.

12. That a Dobson Studentship Fund be established in the University, to be governed by the following regulations:⁹

DOBSON STUDENTSHIP FUND

1. The benefaction received from The Ann D Foundation, together with such other sums as may be received or applied for the same purpose, shall form an endowment fund called the Dobson Studentship Fund to support Ph.D. students studying materials science and metallurgy in the University.

2. The Managers of the Dobson Professorship Fund shall be responsible for the administration of the Fund and the application of its income.

3. Subject to Regulation 4, the income of the Fund shall be used to provide awards, which shall be called the Dobson Studentships. Arrangements for awards, including the number, tenure and conditions of Studentships to be awarded in any given year, the expenses to be covered by an award, and the form of the application and selection processes, shall be at the discretion of the Managers and may provide for applications by persons who are not yet members of the University and for the financial circumstances of candidates to be taken into consideration.

4. Any unexpended income in any financial year, including income accrued during a vacancy in the Studentships, may, at the discretion of the Managers:

- (a) be awarded to support the work of the holder(s) of the Studentships;
- (b) with the approval of the Council of the School of the Physical Sciences, be applied to support research in the field of materials science and metallurgy in the University in such manner as may be recommended by the Managers;
- (c) be carried forward for use as income in accordance with Regulation 3 in any one or more subsequent financial years.

13. That, on the recommendation of the General Board, a Professorship of Evolutionary Biology and Ecology be established for a single tenure from 1 October 2023, placed in the Schedule to Special Ordinance C (vii) 1, and assigned to the Department of Zoology.¹⁰

⁹ See the Vice-Chancellor's Notice, p. 880, and the General Board's Notice, p. 887.

¹⁰ See the General Board's Notice, p. 888.

ACTA

Approval of Grace submitted to the Senate on 12 July 2023

The Grace submitted to the Senate on 12 July 2023 (*Reporter*, 6708, 2022–23, p. 849) was approved at 4 p.m. on Friday, 21 July 2023.

Approval of Graces submitted to the Regent House on 12 July 2023

The Graces submitted to the Regent House on 12 July 2023 (*Reporter*, 6708, 2022–23, p. 850) were approved at 4 p.m. on Friday, 21 July 2023.

Congregation of the Regent House on 30 June 2023: Correction

In the list of persons upon whom degrees were conferred in absence at the Congregation on Friday, 30 June 2023, which was published on 5 July 2023 (*Reporter*, 6707, 2022–23, p. 829), the following name should be removed:

This content has been removed as it contains personal information.

Congregation of the Regent House on 21 July 2023

A Congregation was held at 9.30 a.m. in Great St Mary's, the University Church. All the Graces submitted to the Regent House (*Reporter*, 6709, 2022–23, p. 873) were approved. The Congregation was briefly adjourned and resumed in the Senate-House at 10 a.m.

The following degrees were conferred:

This content and pages 912–918 have been removed as they contain personal information.

This content has been removed as it contains personal information.

Congregation of the Regent House on 22 July 2023

A Congregation was held at 9.30 a.m. in Great St Mary's, the University Church. All the Graces submitted to the Regent House (*Reporter*, 6709, 2022–23, p. 874) were approved. The Congregation was briefly adjourned and resumed in the Senate-House at 10 a.m.

The following degrees were conferred:

This content and pages 920–925 have been removed as they contain personal information.

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E. M. C. RAMPTON, *Registrar*

END OF THE OFFICIAL PART OF THE 'REPORTER'

REPORT OF DISCUSSION

Tuesday, 25 July 2023

A Discussion was convened by videoconference with the Deputy Vice-Chancellor, Dr Jessica Gardner, *SE*, presiding and the Registry's deputy, the Senior Proctor and the Deputy Junior Proctor as the attending officers.

Remarks were received as follows:

Report of the Council, dated 12 July 2023, on the demolition of derelict buildings on the North West Cambridge estate

(*Reporter*, 6708, 2022–23, p. 847).

No remarks were received on this Report.

Report of the Council, dated 12 July 2023, on the establishment of an office of Chief Financial Officer

(*Reporter*, 6708, 2022–23, p. 849).

Professor G. R. EVANS (Emeritus Professor of Medieval Theology and Intellectual History):

Deputy Vice-Chancellor, this Report is of importance in connection with the still unresolved and yet again postponed review of the multiplication of unestablished posts for roles where a University Office would be appropriate. There is precedent for the experimental creation of Directorships as unestablished posts after Tim Mead became Registrar in 1997. Within the UAS he planned to create Divisions headed by Directors, some (as a matter of policy) requiring professionally qualified appointees. Certain Directors began to be appointed, but to unestablished posts. But here were very senior 'administrators' who were unable to join their colleagues in voting on a Grace. This presented constitutional difficulties. In response to objections on this point, including from the Board of Scrutiny, it was then proposed to 'establish' these posts.

The creation of these Directors was intended to form part of a radical reconstruction going beyond a shift from a 'civil service' administration to one including 'professionally qualified' administrators. A Report on the Unified Administrative Service duly appeared in the *Reporter* on 21 March 2001,¹ with the intention of making a constitutional reality of the Unified Administrative Service proposed in the Wass Report. It explained that the new Directors would have duties of 'functional and policy reporting' to 'those principally charged with guiding development of policy' who should 'receive regular briefing from Directors'. This introduced and formalised some blurring of the distinction between academic and academic-related roles. The Discussion held on this UAS Report on 1 May 2001² is worth revisiting. The Directors became University Officers.

Is the present proposal of comparable constitutional importance? The present unestablished CFO post was created as 'a new role with no precedent in the University'. The activities and responsibilities it now covers are listed in this Report, including involvement in some key initiatives, including the uniting of Press and Assessment, the wisdom of which is yet to become clear. Most importantly, the 'role holder' has 'overarching financial and strategic responsibility for large commercial undertakings across the University'. That takes it into the difficult area of the commercial activities permitted to the University as a charity.

To make this post into an Office is apparently to change its terms in significant ways noted in passing in the Report as involving some 'examples' of 'consequential changes' to the *Statutes and Ordinances*. For example, if this unestablished post becomes a University Office its holder will be added to the list of approved signatories for contracts and those with authority to affix the University's Seal. Surely these changes need actual Gracing, not mere nodding to in the final paragraph of a Report?

The norm is for the UAS Directors to report to the Registry. The CFO reports to the Vice-Chancellor. Will that continue to be the case? The Office will be under the direction of the Council with the Council allowed to 'determine from time to time' the 'duties' of the new Office. Will it be communicating these to the Regent House in a Report, or at least a Notice? Nigel Topping's *Grace on fossil fuel industry ties. A report into the impacts of implementing the Grace on fossil fuel industry ties on Cambridge University's mission* published in the *Reporter* of 19 July 2023³ includes recommendations which might be added to the list if approved in due course. What constitutional provision is to be made to ensure that 'duties' do not become 'powers' unnoticed?

Without a Grace to add it, Statute C I 1(a) will not include this Office in those excluded from the requirements listed in Statute C I 2. Adjusting those requires a Special Ordinance. That certainly needs a Grace. The Grace in this Report is surely short on much necessary detail?

¹ *Reporter*, 5842, 2000–01, p. 560, <https://www.admin.cam.ac.uk/reporter/2000-01/weekly/5842/19.html>.

² *Reporter*, 5845, 2000–01, p. 661, <https://www.admin.cam.ac.uk/reporter/2000-01/weekly/5845/19.html>.

³ See *Reporter*, 6709, 2022–23, p. 854, and <https://www.admin.cam.ac.uk/reporter/documents/reports/FossilFuelStudy2023.pdf>

Mr G. P. ALLEN (Wolfson College and Secretary of the Board of Scrutiny):

Deputy Vice-Chancellor, I am sorry I am unable to be present for today's Discussion.

Since 2018, starting in its Twenty-third Annual Report,¹ the Board of Scrutiny has periodically drawn attention to the growth in the number of unestablished posts in the University and asked the Council to clarify its policy and criteria for creating such posts. In its response to the Board's Twenty-sixth Report, the Council agreed that the HR Committee would review the use of unestablished and established roles in the University, starting in 2022–23.² Notwithstanding the Council's agreement, earlier this year the Director of HR informed the then Chair of the Board that because of the pressure of other work the Committee had decided to delay embarking on the review. Accordingly, the situation remains unsatisfactory and yet unestablished posts proliferate including the appointment of no less than thirty individuals to senior unestablished posts, in Grades 9–11, under the Teaching and Scholarship Academic Careers Pathway (*Reporter*, 6704, 2022–23, p. 745). When might those individuals look forward to their Faculties and Departments fully recognising their impressive contributions to teaching and their being translated, by analogy with Mr Odgers, to established offices? Without the promised review of the use of established offices and unestablished posts the proposal before us today has a whiff about it of one rule for the senior officers and another for the rest of the staff of the University.

I don't want to deny the University making an honest man of Mr Odgers; indeed one could argue that this Report is overdue and question why it took the Council six years to decide the University needs a permanent senior officer with the responsibilities of the CFO, in effect reinstating the office of Treasurer which was abolished in 2004. Or has it taken that long to sort out the responsibilities of the triumvirate comprising the Pro-Vice-Chancellor for Strategy and Planning, the CFO, and the Director of Finance? In the light of remarks by Dr Cowley in the Discussion on the Allocations Report,³ the Council might want to reflect how this arrangement has enhanced the University's ability to plan strategically.

On a point of detail, assuming the Report proceeds, will the Council propose the inclusion of the office of CFO in the list of University Offices the holders of which are excluded from membership of the Board of Scrutiny?⁴

Finally, Statute A VII 5(c) gives the Board of Scrutiny power to make enquiry 'of the officers of any authority' on matters pertaining to a subject of enquiry. So where does

this leave the holder of an unestablished post in relation to the Board's power to scrutinise? This has been resolved satisfactorily so far on a case-by-case basis and indeed Mr Odgers while an unestablished member of staff has been very accommodating and forthcoming in his discussions with the Board. However, there are clear implications for the ability of the Board to discharge its responsibilities should a non-University officer decline to help it. Will the Council resolve this ambiguity e.g., by inserting the words 'or role holder' in 5(c)?

¹ See *Reporter*, 6521, 2018–19, p. 42 at p. 50, <https://www.admin.cam.ac.uk/reporter/2018-19/weekly/6521/section6.shtml#heading3-20>.

² See *Reporter*, 6633, 2021–22, p. 62 at p. 71, and *Reporter*, 6649, 2021–22, p. 283 at p. 288.

³ *Reporter*, 6709, 2022–23, p. 875.

⁴ Regulation 5 of the Ordinances for the Board of Scrutiny, *Statutes and Ordinances*, p. 119.

COLLEGE NOTICES

Elections

Girton College

Elected to an Official Fellowship in Law from 1 October 2023:

Tor Krever, A.B., J.D., *Harvard*, M.Phil., LL.M., *PEM*, P.G.C.E., Ph.D., *LSE*

Elected to the Sheila Lesley Official Fellowship in Law from 1 October 2023:

Lena Sophie Holzer, B.A., *Vienna*, M.A., *EIUC Venice*, Ph.D., *IHEID Geneva*

Elected to the Jean Sybil Dannatt Official Fellowship in Modern and Medieval Languages from 1 October 2023:

Maria Reyes Baztán, B.A., *València*, M.A., Ph.D., *Warwick*

Elected to the Fairlie–Hutchinson Research Fellowship in French from 1 October 2023:

Jasmine Dee Cooper, M.A., *UCL*, M.A., Ph.D., *N*

Elected to the Oschinsky Research Fellowship from 1 October 2023:

Stephanie Jane Lahey, B.A., *Saint Mary's Nova Scotia*, M.A., *Ottawa*, Ph.D., *Victoria*

Elected to the Joan Robinson Research Fellowship in Heterodox Economics from 1 October 2023:

Antonis Ragkousis, B.Sc., *City*, M.A., M.A., *KCL*

Robinson College

Elected to a Fellowship in Class B from 17 July 2023:

Alberto Roselló-Díez, B.S. / M.S., *Zaragoza*, Ph.D., *Autonomous University of Madrid*

Memorial Service

Professor James (Jim) Aitken

A memorial service for Professor Jim Aitken, Fitzwilliam College and Faculty of Divinity (*Reporter*, 6696, 2022–23, p. 607), will be held in Fitzwilliam College Chapel at 2.30 p.m. on Friday, 15 September 2023. The service will be followed by a drinks reception.

Vacancies

Christ's College: Stipendiary Junior Research Fellowships 2024 (two available) in specified subjects; tenure: four years from 1 October 2024; closing date: 19 October 2023 at 12 noon; further details: <https://www.christs.cam.ac.uk/jrf>

Charles Darwin and Galapagos Islands Fund Junior Research Fellowship; tenure: four years from 1 October 2024; closing date: 19 October 2023 at 12 noon; further details: <https://www.christs.cam.ac.uk/vacancies>

Non-Stipendiary Junior Research Fellowship (in the Physical Sciences, Technology, Arts, Humanities or Social Sciences); tenure: two to four years from no later than 1 October 2024; closing date: 29 November 2023 at 12 noon; further details: <https://www.christs.cam.ac.uk/non-stipendiary-junior-research-fellowship-0>

Hughes Hall: Research Associate and Teaching Officer in Private Law (with a focus on climate and company law); tenure: two years (with the possibility of extension for a further year); salary: £32,348; closing date: 7 August 2023 at 12 noon; further details: <https://www.hughes.cam.ac.uk/about/vacancies/>

Wolfson College: Non-Stipendiary Junior Research Fellowship Competition 2024 (up to ten posts available, any subject); tenure: one year from 1 January 2024, 1 April 2024 or 1 October 2024, with the possibility of renewal for a further two years; annual research allowance and other benefits included; closing date: 2 October 2023 at 12 noon; further details: <https://www.wolfson.cam.ac.uk/jrf>