UNIVERSITY OF SUSSEX

THE BULLETIN

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AGREEMENT WITH O. U.

Proposals for the reciprocal transfer of course credits between the University of Sussex and the Open University were approved by Planning Committee at its meeting on December 3.

The Committee agreed that Sussex will accept, in satisfaction of the General Entrance Requirement, one full credit and one half-credit awarded by the Open University, without subject restriction.

A procedural framework was also approved within which applicants with three or more credits might be considered for admission to Sussex BA and MA courses, with exemption from part of the requirements of attendance and examination for the degrees.

Each application would be considered on its merits. The opportunities for exemption beyond three terms would probably be limited by the integrated nature of Sussex degree courses, and might vary from School of Studies to School of Studies.

The agreement between the two universities also includes reciprocal arrangements for the admission of Sussex students to the Open University with directly transferred credits.

This arrangement follows a standard pattern offered by the Open University. A Sussex student who has successfully completed two years of a degree course may be awarded up to four directly transferred credits, so allowing him to proceed to a non-honours or an honours degree by gaining two or four further credits respectively.

Housing association scheme

The proposal for a residential development in the University Park by the New Coblebrooke Housing Society took another step forward at Planning Committee.

Under the first phase of the scheme approximately 300 units would be constructed on campus for completion by August 1977. Ninety per cent of the accommodation would be allocated to University students and ten per cent would be available to Brighton Corporation for occupation by nominated tenants chosen on the basis that they could be integrated successfully into the University environment.

The New Coblebrooke Housing Society would take a sub-lease on a section of the University site and an architect would be appointed by the Society, in agreement with the University.

In proposals put to Planning Committee, the day to day management, maintenance of premises and rent collection would be carried out by the University, acting as agents for the Society.

Rents would be the equivalent fair rent set by the Rent Officer, and the New Coblebrooke Society would require the University to underwrite payment of rents.

In discussing the proposals, Planning Committee reiterated its concern at the potential difficulties which could be caused by having non-members of the University resident on site and which could arise given the University's policies of a unified scheme of rents for its student accommodation and of relating increases to student grants.

It was agreed that every effort should be made, before a final agreement on the scheme, to obtain an indication from the Rent Officer of the likely 'equivalent fair rent', both for the new property and for the University's existing residential accommodation, and to remove the obligation on the University to be responsible for the liability for the non-payment of rent by non-University members.

Planning Committee agreed to recommend that Council should accept the following points of principle, as applied to the particular proposals:

* that the University should seek a change in its lease, so as to allow a sub-lease to be granted to the Housing Society;

* that people who were neither students nor staff of the University, nor members of their families, should be enabled to reside in the University park;

* that the University should be responsible for collecting rents on behalf of another body and assume liability in the event of non-payment by tenants;

* that different rents might be payable in one section of student residences from those payable in other sections.

Sussex Centre for Medical Research

Formal terms for the assimilation of the Sussex Centre for Medical Research (SCMR) into the University were accepted by Planning Committee.

Subject to completion of the formal agreement with the SCMR, the establishment of the University of Sussex Centre for Medical Research will take effect from January 1, 1976.

New post of Counsellor

Planning Committee approved proposals from Counselling Services for the new post of Counsellor.

The skills and experience which were being sought in a Counsellor were scarce and an appointment would only be made if the right person was found, the Committee was told.

THANK YOU

The INFORMATION OFFICE would like to thank all those who have contributed items to THE BULLETIN and DIARY OF EVENTS during the past term. We are indebted to people too numerous to mention individually for news items, feature stories, details of forthcoming events, drawings, and other generous help.

We hope to produce The Bulletin fortnightly and the Diary of Events every Thursday next term.

Items for The Bulletin should be sent to JENNIFER PAYNE, Information Office, Sussex House (tel. 06-132). Items for the Diary of Events should be sent to VERA McPHILLIPS or SUE FRASER, Information Office, Sussex House (tel. 06-110 or 06-244).
NEW ROAD ENTRANCE

The Government's long-standing intention to upgrade the A27 road through Falmer will mean that a new University entrance will have to be built, with major implications for vehicle and pedestrian distribution and car parking on campus.

The Government appears intent on going ahead with the scheme for a dual carrigeway through Falmer village. A bridge will be built over the dual carrigeway to carry Rottingdean and University traffic, and a partial clover leaf and slip roads will link this traffic to the A27. (see map page 3)

The scheme is in phase with work on the Lewes by-pass, which also forms part of the A27 trunk road from Horiton to Folkestone.

The new main entrance to the University will be at the top of the hill, to the north-west of the Swan public house. This will form the only exit for all University traffic, although there will be three entrances.

The Department of the Environment (DoE) and East Sussex County Council have agreed that the present entrances on the A27 may be retained for entry from the Brighton direction only, but the gap in the central reservation will go, as will the traffic lights.

The University will have to build a short stretch of road on its own land to provide one incoming and two outgoing traffic lanes to link the University's existing road system with the new junction.

The latest information from the DoE is that work on the A27 will start in June next year. As part of the University's plans, the Campus Road Development Project Team is actively considering the consequential changes necessary in the road and footpath systems and the probable altered traffic circulation inside the campus.

Dame Sylvia Crowe, the University's landscape consultant, is to advise on the visual aspects of the new entrance and it is hoped her comments will be available for a meeting of the Project Team early next term.

Consultations are also taking place with the Chairman of the Safety Committee on access for the emergency services.

Proposal for the development of the A27 date back to 1967. Under the County Council's original plans the University was to lose the present two entrances, together with direct access from the A27 to the Sports Pavilion.

The University was concerned that it would have only one entrance and would lose the ceremonial entrance. It would also be possible to reach the playing fields only by cutting down a belt of trees at the top of the hill and building an additional section of road.

The University did not like the aesthetic appearance and thought the plans could not handle the traffic coming on to the site.

The Department of the Environment agreed to give further thought to the proposals in consultation with Mr. J.A. Thomas, the University Architect and Engineer, and Dame Sylvia Crowe. They came back with a scheme which provided better entrance and exit to and from the site and which also had a much better visual appearance.

Later the DoE and the local authority agreed that the University could retain direct access to the Sports Pavilion and also to the two existing entrances, for entrance purposes but not for exit.

Initially, the University was asked to pay for a very much larger part of the road alterations but further negotiations resulted in the Government agreeing to pay for all the works up to the entrance to the University site, leaving the University to complete the strip of road to link up with the University's road system. The University Grants Committee has agreed that this is an unavoidable expense and is to pay for this section of road, together with incidental works.

The new road development will have wide-ranging implications for the University site and the University has considered these most carefully in full consultation with all its members in the Discussion on Site Development which took place in 1971-73, culminating in the approval of the Site Development Plan in June 1974.

In Falmer village, a number of houses are to be demolished to make room for the dual carrigeway. In the early stages of discussions, representations by both the Parish Council of Falmer village and the University led to the configuration of the junction being changed to minimise the impact on the village. As a result, the alignment of the road was slightly altered.

Last week, Professor M.W. Thompson, Pro-Vice-Chancellor and Chairman of the Campus Road Development Project Team, said that agreement had been reached with the County Council and the DoE in such a way as to minimise the impact on the University.

"The University has done its utmost to get the best possible deal for the University," he said.

The new scheme has a number of advantages for the University. There will be a much better distribution system for cars coming into the University. Vehicles will be able to park nearer to the entrance and the present conflict between pedestrians and vehicles should be lessened.

This falls in line with the concept in the Site Development Plan of the perimetre road round the University site and the town plan to keep traffic on the edges of the site and create a pedestrian precinct in the centre, which was approved by Planning Committee in 1974.

It is thought the new scheme should lead to fewer accidents on the road outside the University. Risk of accidents at the traffic lights, where there has been one fatal accident, should be reduced. It should be easier for vehicles to get off and onto the site and will avoid congestion particularly for users of the Woodingdean road.

Also on the plus side, communications with the College of Education will be greatly improved by road as it will be possible to cross to the College by the flyover without using the A27.

There are, however, a number of difficulties with the new system. It will create a very circuitous route for vehicle traffic, although those on foot should find their journeys to and from the campus easier than at present. To drive from, say, the Gardner Art Centre to gain the roadway to Brighton will mean following an extremely tortuous route.

Cyclists will be hard hit by the new scheme. As it stands at present, they will have to cycle up to the top of the hill at Falmer before dropping down again towards Brighton. This problem, together with consideration of new footpaths, including one to Falmer village, is being studied by the Project Team. The possibility of ramps in the pedestrian underpass has been mentioned.

Discussions are continuing with the bus company on any changes which may be necessary. Present intentions are that the existing bus stops should be retained, but that the special service buses, which will, as at present, enter the University site by Falmer House, will leave by the flyover bridge.
COMMUNITY SERVICES

Members of outside organisations used University sports facilities on 11,000 individual occasions in 1974/75.

Groups involved ranged from Falmer School to Brighton & Hove Athletic, and from Nutley Tug of War Club to the Sussex Closed Fencing Championship.

The value of the public relations role played by the Sport Service in bringing large numbers of people to the campus was acknowledged by Community Services Committee at its meeting on November 19.

As part of the University's overall economies, the post of Director of Sport has not been filled following the departure of Mike Banks, and in approving the 1974/75 Sport and Physical Recreation Service Annual Report, the Committee congratulated Jan Thole, Terry Wheeler and staff of the Service for keeping up the level of activity over the past year. It also recorded its thanks to Colin Brummitt, Chairman of the Sport and Recreation Committee.

Accommodation

A large proportion of moves amongst tenants in campus accommodation was reported at Community Services Committee on November 19. This term there have been more than 200 moves since the initial settling in period.

In accepting the Accommodation Office Annual Report for 1974/75, the Committee noted that last year there was a great deal of movement in and out of University accommodation, as well as switches from one room to another.

During the 1974/5 Session there were 850 moves, in and out, that is there was a change of tenants in 425 rooms/flats, out of a total of 1500. It was pointed out that this movement of tenants caused a serious increase of administrative work.

CAR PARKING WILL BE RESTRICTED ON DECEMBER 12.

The Fourteenth Annual Meeting of the Court of the University will be held in the Meeting House at 11.15am on Friday, December 12.

It will be necessary to reserve part of the Sussex House car park that morning for visitors' cars. Drivers who usually leave their vehicles in this car park are asked to seek alternative parking accommodation on that day.

Arts Centre

"FABRIC OF POP"

The Fabric of Pop exhibition from the Victoria and Albert Museum, currently on show in the Gardner Centre Gallery, continues until December 13.

The annual craft exhibition has been cancelled to make way for 'The Useful Arts and Sciences' exhibition. However there will be a small display in the foyer of local crafts and an exhibition of paintings, drawings and water colours by Paul Newland until December 22.

All this work is for sale at reasonable prices. A postcard stand offering an interesting choice is now open at the Centre.

"MAX" AT THE GARDNER AGAIN

Moray Watson returns to the Gardner Centre tonight, December 9, to present the first of five performances this week of the one-man show "Max", based on the writings of Sir Max Beerbohm.

This witty and sophisticated entertainment first presented for a single performance during the Brighton Festival and is being repeated for the benefit of a wider local audience, it will be seen on tour and at major festivals next year.

The show has been written by Peter Ling and Sheila Ward and is directed by John Gorrie, who was responsible for the recent Edward the Seventh television series.

CHRISTMAS MUSICAL

Red Admiral, Ladybird, Greenfly, Maggot, Slug and Bumble Bee take the stage in "The Plotters of Cabbage Patch Corner" - this year's Christmas entertainment at the Gardner Centre from December 18 to January 10.

This musical for all the family, is by David Wood, author of last year's "The Owl and the Pussycat". It is set in a garden and follows the adventures of the garden's inhabitants.

There are plenty of catchy songs, colourful and inventive sets and costumes, and lots of laughs and excitement.

STUDY IN USA. 1976-77

Twenty four scholarships are available to B.A. or B.Sc. students currently in the second year of their courses, to study for one year in any of 10 American universities and colleges under the University's exchange programme.

Information and application forms (returnable by January 19, 1976) are obtainable from Pauline Osborne in EDB 300 before Christmas, Sussex 308 from January 2, 1976.
SIGHT FOR TOMORROW

This year's Christmas appeal by the Meeting House Chapel aims to raise £300 for a scheme to save the sight of children threatened by nutritional blindness.

The scheme - described as imaginative and exciting - is sponsored by the Royal Commonweal Society for the Blind (RCSB).

Xerophthalmia is the largest cause of child blindness in developing countries. Long term action to save children's eyes involves teaching mothers to include cheap vitamin-rich vegetables in their children's diet.

At Madurai in Southern India, the RCSB is financing a pioneer nutritional centre which last year alone saved the sight and probably the lives of more than 200 children. This work is now being extended to all children at risk in 46 neighbouring villages, and similar projects are planned elsewhere.

In Uttar Pradesh, the Stapur Group of Eye Hospitals has a project which, at a cost of about £4,500 provides immediate medical care to a child threatened with nutritional blindness.

Money raised at Sussex will be used to support this project to save the sight of children at risk.

Last year, two week-long eye camps in India were financed by the Christmas appeal which raised more than £300. Various eye diseases were treated in 313 patients; 11 had operations for the prevention of blindness; and 52 were operated upon and had their sight restored.

Contributions to this year's appeal should be sent to any of the Chaplains or to Mrs Barbara Barber in the Meeting House. Cheques should be made payable to the Chapel Collections account.

EDUCATION AS A SOCIAL PROCESS

Professor Howard S. Becker, Department of Sociology, of the Northwestern University, is visiting the U.K. in December and has agreed to give a seminar on his recent work relevant to the study of education as a social process.

The seminar will begin at 4 p.m. in Room 302 of the Education Development Building on Friday, December 19.

BOOK REVIEW

A Sussex University lecturer in Social Administration is one of the first authors to take part in a new "do-it-yourself" publishing scheme launched by Routledge and Kegan Paul earlier this year.


"Direct editions" are seen by Routledge as a way to beat the soaring costs of publishing, specialised academic books. Under the scheme, the author has to type his text, or find a typist to type it, and the result is taken straight to the cameras.

Costs are greatly reduced. The Use of Imprisonment costs £2.95, as against an estimated £7 if produced by orthodox methods. Sean McConville says it was a strategic decision to be taken with the publishers as to whether to produce a few copies which might only be bought by libraries or whether to get the book out to students at a cheaper price - he preferred the latter course.

Speed is another advantage. Routledge can get books on to the market within 10 weeks of the typescript's arrival.

After a draft manuscript has been accepted and edited by the publishers, it is returned to the author with precise typing instructions. The type of paper and typewriter is specified and detailed instructions are given on layout, headlines, folio numbering and so on.

If all this sounds like too much hard work, Sean McConville remains enthusiastic about the venture and is planning a second part to his book - also to be published as a "direct edition".

He says that not too much extra work was involved, although a very good typist is needed to prepare the typescript - and he was fortunate to find one at Sussex.

Contributors to the book focus on the use of imprisonment in a time of transition, and examine various aspects of penal policy - administrative, organisational, staffing, legal and philosophical. The book provides an introduction to penal policy and administration, and to some of the central issues in the current penological debate.
HORMONE RESEARCH

A grant of £57,850 has been awarded by the Science Research Council (SRC) to Dr. Tom Blundell, lecturer in Biochemistry, for a study of hormones which could help in the treatment of diabetes.

One of the main objectives of scientists studying the causes and cure of diabetes is a fuller understanding of the complex mechanisms controlled by the polypeptide hormones, glucagon and insulin.

Dr. Tom Blundell and his co-workers, Dr. Ian Tickle and Dr. Stephen Wood, in the School of Biological Sciences at the University, are using biochemical and X-ray techniques to define the characteristics of these hormones, including their three-dimensional structures which are important for their proper function.

Hormones are chemical substances manufactured and secreted in minute quantities by specialised tissues.

Their extraordinary potency, which has fascinated scientists for so long, is related to the part they play in control mechanisms which integrate and regulate complex metabolic processes in living organisms.

Two such hormones are insulin and glucagon. These are stored in the pancreas. They travel through the bloodstream to remote target tissues - liver, muscle and fat cells - and are responsible for the control of blood sugar levels.

The X-ray analysis of insulin took 35 years before Professor Dorothy Hodgkin and her co-workers at Oxford were able to determine the structure of this complex polypeptide hormone, Dr. Blundell says.

"My own part in this project spanned six years. Since leaving Oxford and establishing the group at Sussex with SRC funding, we have determined the three dimensional structure of glucagon after groups of scientists in the USA had been unsuccessful over a period of about fifteen years," he adds.

"The results are exciting not only because this is the second polypeptide hormone structure to be described in this way, but also because it is quite unlike the structure of insulin. We have now been able to propose a model for the mode of interaction of this hormone with the target tissues."

The grant from the SRC is for the continuation of these studies into glucagon and insulin and into other related polypeptide hormones.

The Useful Arts and Sciences

Victorian Steam and Mechanical Inventions

An exhibition of items from the remarkable collection of model steam engines owned and collected by Johnathan Minns will be on display at the Gardeon Centre Gallery from December 23 to January 22.

Examples of stationary, working and marine engines will be included in the exhibition, together with railway locomotives, early road and land engines, some charming steam toys, household and cooking machinery, hand tools, paintings and prints.

Johnathan Minns, a leading authority on the development of steam technology, says in his catalogue introduction: "Engineering, in particular steam engineering, was the latest, mightiest and most exciting new art form."

"It captured the loyalty and admiration of people from every walk of life, and the very challenging prospects presented with each new invention, promised almost, one might say, nineteenth century pop star status.

"Watt, Trevithick, Stephenson, Brunel - all from humble origins - were elevated to international popularity and fame in relatively short spaces of time."

"So great was the lure, that it is not surprising that the engines to evolve incorporated mechanical and aesthetic qualities more perfect and sure than those of our contemporary arts and architecture."

The exhibition will be open from 10.00am to 6.00pm and will be closed on Sundays, Christmas Day and January 17. On December 27 it will be open from 2.00pm - 6.00pm only.

Henry Worthington European Technical Award

Dr. J.M. Owen and Dr. C.M. Haynes (now working with Shell Petroleum) have received a special commendation from the Jury of the Henry Worthington Technical Award for their paper 'Design formulae for the heat loss and frictional resistance of air-cooled rotating discs' in recognition of its valuable contribution to the study of turbine machinery discs.

The biennial award, is sponsored by Worthington Pump Incorporated on a European basis as an incentive to young researchers. The plate and prize of 500 dollars will be awarded in Brussels on December 10.