Contrary to expectations, the University has been able to find places this year for all new undergraduates who have met the standard requirements of the university.

The University Council determined last September that, following a growth in enrolments considerably in excess of prediction, the intake in 1972 would be fixed at 1,000, which had been the target figure for last year.

The Vice-Principal said the target figure had allowed for the admission of a maximum of 25 mature age students, 25 sponsored overseas students and 100 other non-standard matriculants, leaving a minimum of 850 places for applicants with matriculation qualifications gained at the H.S.C. examinations since 1968.

Professor Newton-John said that the university had received applications for admission in 1972 from approximately 2,500 people. It had made offers to 1,534 of these who possessed full matriculation qualifications gained since 1968 and 794 had accepted.

The university had also received acceptances from 16 mature age students out of the 26 to whom places had been offered, from 22 sponsored overseas students out of 25, and from 164 non-standard matriculants out of 200.

Professor Newton-John said that up to 1st March a total of 996 applicants for admission to first year courses had accepted the university's offer of places. First year new student numbers last year were 1,046.

CONFERRING OF DEGREES CEREMONIES

Approximately 400 people who have completed the university's requirements for admission to degrees are expected to have degrees conferred upon them on 17th March. It is also anticipated that approximately 100 people will be awarded diplomas.

Two Graduation Ceremonies will be held in the City Hall, degrees in the Faculty of Arts being conferred at 10.30 a.m., and degrees in the Faculties of Applied Science, Architecture, Economics and Commerce, Engineering, Mathematics and Science at 2.30 p.m. Lectures and practical classes at the university will be cancelled and the Student Administration Office will be closed.

The Vice-Chancellor will deliver the occasional address at the morning ceremony. Sir Phillip Baxter, Chairman of the Australian Atomic Energy Commission, will address the afternoon ceremony. Tea will be served in the Supper Room at the City Hall at the conclusion of both ceremonies.

A meeting of people who intend to take out their degrees will be held in the New Common Room at the Union on 16th March at 5.30 p.m., to be followed by a reception to be given by the Chancellor and members of the University Council.

Convocation will conduct the Graduation Ball in the City Hall on the night of the conferring of degrees ceremonies (17th March).
The Union has stocks of Academic dress tailored to the regulations of the university. Gowns etc. can either be purchased or hired from the Shop.

VISITING PROFESSOR OF CHEMICAL ENGINEERING

Professor Hoyt C. Hottel, an American eminent in the research fields of combustion and radiant heat transfer, has arrived at the university to act as Visiting Professor in the Department of Chemical Engineering for first term.

Professor Hottel will lecture to final year and postgraduate students on Combustion and Radiant Heat Transfer. In addition he will go to Sydney and Melbourne to visit research and industrial organisations and universities and to give lectures to professional institutions.

Presently Carbon P. Dubbs Professor of Chemical Engineering at the Massachusetts Institute of Fuel, he is accompanied by his wife, Nellie, an active member of the Faculty Wives Group at the M.I.T.

The Head of the Department of Chemical Engineering (Professor I. McC. Stewart) said Professor Hottel was particularly interested in the major research projects being undertaken in his department. These projects were concerned with heat transfer in large power station boilers and a new method of spectroscopic temperature measurement in large furnaces; the first was supported by a National Coal Research Advisory Committee grant and the second by an A.R.G.C. Grant.

At the end of Professor Hottel's visit, Professor Stewart's department will hold an intensive school, primarily for men from industry, to run from 22nd to 25th May. This will be a residential school at the new Hall of Residence. Lectures will be given by Professor Hottel, Professor Stewart and lecturers from this university and other centres of Australia.

Professor Hottel is considered to be the best known figure in the world today in the fields of combustion and radiant heat transfer. He was awarded the King's Medal by Great Britain, and the U.S. Medal of Merit, for his work on a number of defence problems during the war. His laboratory did a great deal of pioneer work towards the development of space vehicles. His most recent task has been to head a technical committee making a survey of how the future energy needs of the U.S. may best be met with regard to resources, technology and protection of the environment. He has just published a book outlining the highlights of this work.

Professor Hottel's visit was made possible by sponsorship by the University of Newcastle, The Institute of Fuel, The Combustion Institute and by a wide range of industrial firms in Australia, and also by support from the Australian American Education Foundation.

DISTINCTION TO VICE-PRINCIPAL

The Vice-Principal and Deputy Vice-Chancellor (Professor B. Newton-John) has accepted an invitation to become a Fellow of the Royal Society of Arts, London.

The Royal Society of Arts is the third oldest of the learned societies in London. Founded in 1754, it included Walpole, Samuel Johnson and Hogarth among its original subscribers. Its headquarters, in one of the remaining blocks of the old Adelphi, were designed by the Adams brothers. Among the early aims of the Society was the application of science to agriculture, but with the coming of the Industrial Revolution, its aims have been broadened considerably and it now acts as a liaison between the practical arts and sciences.

FIRST HALL OF RESIDENCE APPLICATION FOR RESIDENCE 1972

Application forms for residence in the Hall in 1972 and further information may be obtained from The Warden, Dr. M.W. Blackmore, Room 124, Chemistry Building.
The Hall will open at the beginning of second term and residential fees for undergraduates are as follows:

<table>
<thead>
<tr>
<th>Term</th>
<th>Fee</th>
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<tbody>
<tr>
<td>2</td>
<td>$240</td>
</tr>
<tr>
<td>3</td>
<td>$264</td>
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</tbody>
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Applications close on Friday, 17th March.

**HEALTH SERVICE DOCTOR**

Dr. John Raschke has taken up his appointment as the Student Health Service's doctor and is available for consultations on Tuesdays and Thursdays. Nurses are also on duty in the service's consulting room in the Union (adjacent to the Reading Room) on week days, except on Friday afternoons.

**STUDENT IDENTITY CARDS**

Student Identity cards are available at the Student Administration Office between 9 a.m. and 5 p.m. Identity cards will be issued only upon production of receipts for fees.

**POSITIONS AVAILABLE**

**BRARY STAFF Position No. N28/72**

**LIBRARIAN**

Applicants must be graduates with the Registration Certificate of the Library Association of Australia or its equivalent. Previous experience preferably in an Academic Library is essential. Commencing salary will be within the range $5,618 p.a. to $6,466 p.a. depending upon qualifications and experience.

**ADULT LIBRARY ASSISTANTS**

1) Graduate

Without relevant library qualifications commencing salary $4,452 p.a. with incremental progression to $5,406 p.a.

2) Non-Graduate

Preferably with Registration Certificate of Library Association of Australia. Commencing salary will be within the range $3,737 p.a. to $4,691 p.a. depending upon qualifications and experience.

**OFFICE ASSISTANT/TYPIST - ACCOUNTANT'S DEPARTMENT Position No. N29/72**

This position would suit a female in the 18 to 25 age bracket. Shorthand is not required, but it is expected that applicants attained a typing speed of not less than 50 words per minute. The duties of the successful applicant include general typing and processing a small amount of sub-clerical work.

Commencing salary will be up to $59.19 per week depending upon age, qualifications and experience. Efficiency allowances up to $2.30 per week can be gained by passing typing speed tests at examinations.

Applications close 10th March, 1972.

**FIRST HALL OF RESIDENCE APPOINTMENT OF SUBWARDENS**

Applications are invited from suitably qualified men or women for appointment as a SUBWARDEN in the First Hall of Residence. The position of subwarden is a part-time one and in 1972 the following will be available:
(a) 2 positions for married applicants with no children to commence on 1st June,

(b) 2 positions for single applicants to commence on 1st June, and

(c) 2 positions for single applicants to commence on 1st September.

Applicants should hold a primary degree and should be proceeding to a higher degree OR should be a member of the staff of the University. However, the Interim Board of Trustees of the Hall reserves the right to appoint any other person it thinks fit.

Subwardens will be required to make themselves available at all reasonable times for academic assistance to members of the Hall. They will also be required to organize and take part in tutorials of both a general and specific nature of which there shall be at least two and not more than four in an academic term. During termtime, a roster will be drawn up such that after 6 p.m. on weekdays and all of the weekend there will be one subwarden on duty and responsible, in the first instance, for the Hall. Subwardens will also be required to carry out other minor duties as directed by the Warden.

All appointments as subwarden shall be terminated automatically on 31st December of the year in which the appointment was made. At the discretion of the (Interim) Board of Trustees in consultation with the Warden, appointments may be renewed for a further year, but the Board reserves the right to vary the duties, conditions of appointment and remuneration and fees as it sees fit. A subwarden is required to give four weeks resignation notice and the Board is entitled to terminate an appointment on four weeks written notice to an individual.

Subwardens are required to live in at the Hall and pay residential fees in term and vacation, but will receive an honorarium at the end of each academic term. Suitable accommodation is available for both married and single subwardens.

Further information may be obtained from the Warden, Dr. M.W. Blackmore, Room 124, Chemistry Building, to whom applications should be addressed to arrive by 24th March, 1972. Applications should contain the following information: Name, address, age, academic and professional qualifications and present position.

LABORATORY CRAFTSMAN DEPARTMENT OF MECHANICAL ENGINEERING Position No. N31/72

Applications are invited for the abovementioned position. Duties will include construction and maintenance of instruments and equipment used in teaching and research. Qualifications should include completion of an electrical or an allied trade course. Experience in fitting and machining, sheet metal work and welding would be advantageous.

Commencing salary will be within the range $84.10 - $96.28 per week, depending upon qualifications and experience.

Application forms and further information may be obtained by contacting the Personnel Section, on Extensión 251.

Applications close on 14th March, 1972.

ADVERTISEMENTS

HOUSE WANTED: Professor C.A. Tisdell, who has been appointed to the second Chair in Economics, requires an unfurnished house, with three bedrooms, which he can lease for six months, beginning next June. Anybody able to help is requested to ring Mrs. A. Rowley, Ext. 219.

FOR SALE: Suzuki 50 cc. motor cycle; excellent condition; very low mileage; registered to March, 1973. $100. Mr. Million, Department of French, Ext. 314, or 14 Marsden Street, Shortland.

FLAT FOR RENT: Merewether Heights, self-contained, beautiful coastal views, one bedroom, furnished loungeroom, bathroom, kitchen, $24 a week, working couple preferred, phone 63 1557 between 6 and 7 p.m. or at weekends.
Professor M. Euwe, a Dutchman who is a master at chess and a former World Champion, will visit the university on Wednesday, 22nd March, to deliver a lecture. On the night of 22nd March, he will be contested against 25 chess players in a "simul" at the Technical College Union.

Professor Euwe will visit Newcastle under the auspices of the Faculty of Mathematics and Newcastle District Chess Association.

Born in Amsterdam in 1901, he was chess champion of the Netherlands at the age of 20. From 1935 to 1937, he held the world title, which he won from Dr. A. Alekhine in a gruelling match of 30 games, and, for almost 40 years, he was recognised as one of the strongest players in the world.

Professor Euwe took his Ph.D. degree in Pure Mathematics in 1926. He was a professional teacher of Mathematics, holding academic posts and Chairs at the University of Rotterdam and Tilburg, before, at the age of 70, taking on the Presidency of the World Chess Federation, a position he still holds.

He has played chess for the Netherlands in eight Olympiads, is the author of several books on the game and a world authority on Computer Chess. From 1961 to 1963 he was President of the Eurotom Committee which investigated the possibilities of programming chess for a computer.

Professor Euwe will have lunch with the Vice-Chancellor and the Dean of the Faculty of Mathematics (Professor R. Keats) before delivering a lecture on "Computer Chess" in Room G 24 at 2.15 p.m. He will be the guest of Newcastle District Chess Association in the evening and night. The "simul" will begin at 7.30 p.m.

COMING EVENTS

Mathematics Seminar

A seminar will be held in Room AG 24 on Friday, 10th March, at noon. Professor H. Vin Lieberstein, who has recently taken up duty as the second Professor of Mathematics in this University, will speak on "Towards a General Theory of Electrically Active Cells".

Hostel Group

Newcastle International Student Hostel Steering Association will hold a meeting in the Staff House on Tuesday, 14th March, at 8 p.m. Staff and students interested in the project are welcome to attend.

Welcoming Party

The Staff House Club and Staff Association will jointly hold a Welcoming Party at the Staff House on Friday, 10th March, between 4 and 6.30 p.m. Members of the academic staff (in particular, new staff members) and members of the Staff House Club are cordially invited to attend this free function.

Convocation

Convocation will hold a seminar in the Main Lecture Theatre on Friday, 10th March, beginning at 8 p.m., with the theme "The Relationship Between Colleges of Advanced Education and Universities". The Standing Committee of Convocation was influenced to hold the seminar on the relationship between universities and Colleges of Advanced Education because of strong views being ventilated on the subject. It has arranged for the following speakers to address the seminar: Professor L.N. Short, Professor of Education, University of Newcastle; Dr. R. Werner, Director, N.S.W. Institute of Technology, Sydney; Mr. G.H. Duncan, Principal, Newcastle Teachers' College.

Students' Annual Meeting

The Annual general meeting of Newcastle University Students' Association will be
held in the Lounge of the Union on Tuesday, 21st March, at 1 p.m. Business will include consideration of the reports of the Secretary and Treasurer of the 19th Students' Representative Council, Miss Lesley Stead and Mrs. A. Kumm respectively.

After the annual general meeting Mrs. Kumm will assume duties as President of the Association, succeeding Mr. A. Svirskis, and Mr. G. McDougall will become Treasurer. At the first S.R.C. meeting in April the remaining places on the executive of the 20th Council (1972) will be filled.

History Talk

Mr. E. Tonks, Newcastle numismatist and student in history, will give a talk for the Department of History on "History Through Coins" in the Council Room on Friday, 10th March, at 8 p.m.

History Club

The annual general meeting of the History Club will be held in the Council Room on Wednesday, 15th March, beginning with sherry at 7.30 p.m.

SPORTING NEWS

Training Allocations

The Amenities Office has made University Oval available for training at night under illumination in accordance with this schedule:

Monday, 5.30 - 8 p.m., men's and women's hockey, 8 - 10.30 p.m., Aussie Rules;
Tuesday, 5.30 - 8 p.m., Rugby, 8 - 10.30 p.m., Soccer;
Wednesday, 5.30 - 8 p.m., Rugby League, 8 - 10.30 p.m., men's and women's hockey;
Thursday, 4.30 - 6.30 p.m., Soccer, 6.30 - 8.30 p.m., Aussie Rules, 8.30 - 10.30 p.m., Rugby;
Friday, 5.30 - 8 p.m., Rugby League.

Annual Meetings

Some sporting clubs will hold annual general meetings next week. The Athletics Club will meet in the Amenities Office on 6th March at 8 o'clock, the Rugby League Club in the Union on 7th March at 7.30 p.m., and the N.U.D.E.S. in the Union on 9th March at 1 o'clock.

The Intervarsity Rugby Committee will meet in the Amenities Office on 14th March at 5 p.m. and the Intervarsity Rowing Committee in the Amenities Office on 15th March at 7 p.m.

Staff Golf

The University Staff v. R.A.A.F. golf match will be held at Maitland Golf Links on 22nd March.

Forthcoming Cricket

11th March: University First Grade plays Lambton-New Lambton at Lambton Oval;
Second Grade plays Lambton-New Lambton at University Oval;
Third Grade plays Belmont No. 2 at Miller Oval;
Fourth Grade I plays Stockton at Dalby Oval;
Fourth Grade II plays Hamilton-Wickham at Stevenson Park, and Fourth Grade III plays Cardiff-Boolaroo at Cardiff Park.