

CORNELL UNIVERSITY OFFICIAL PUBLICATION

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Announcement of the
SUMMER SESSION
UNIVERSITY AND STATE
SUMMER SCHOOLS



JULY 3—AUGUST 11

1944

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APRIL 1, 1944

CALENDAR

- JULY 3, MONDAY Registration, 8:30 a.m.-12:30 p.m., 1:30 p.m.-4 p.m., Barton Hall. Fees are due for payment at the Treasurer's office, Morrill Hall.
- JULY 4, TUESDAY Instruction begins at time and place announced for each course. Registration is continued at the Registrar's office, Morrill Hall.
- JULY 7, FRIDAY Last day for payment of fees at the Treasurer's office, which closes at 4 p.m., Morrill Hall.
- JULY 8, SATURDAY Instruction continues on this Saturday.
- AUG. 10, THURSDAY Final examinations begin; schedule on page 19.
- AUG. 11, FRIDAY Summer Session ends, 4 p.m.

SPECIAL COURSES

- JUNE 26, MONDAY First unit courses in Hotel Administration begin, 9 a.m., Martha Van Rensselaer Hall.

SUMMER SESSION OFFICE

The Summer Session office is located during July and August in room 251 Goldwin Smith Hall; the telephone of the office and the Assistant Director is 3331, extension 2044. The telephone of the Director is 3331, extension 2664. The office will be open from 8 a.m. to 4 p.m., daily except Saturday; on Saturday the office will close at 12 noon.

During the rest of the year the Summer Session office is located in room 248 Plant Science Building, on the College of Agriculture campus; the telephone number is 3331, extension 2664.

CORNELL UNIVERSITY OFFICIAL PUBLICATION

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WITH some exceptions, the Schools and Colleges of Cornell University will this year offer instruction in a Summer Term of sixteen weeks, to begin on July 3 and end on October 21. Their programs of courses are arranged primarily for both old and new students regularly admitted to these Schools and Colleges, but students enrolled in similar institutions elsewhere may apply for admission. All inquiries with regard to any feature of the summer terms of any of these Schools and Colleges should be addressed to the Secretary of the School or College concerned.

SUMMER SESSION

To place the facilities of the University at the disposal of those persons who have only a part of the summer free for study, the Summer Session this year offers courses ranging from one to six weeks in length. These courses have been selected to meet the needs of several groups: teachers who wish to continue their professional training; graduate students who wish to pursue work leading to advanced degrees; undergraduates enrolled in Cornell University and in other institutions who wish to accelerate their programs of study but cannot attend a summer term; and other persons who wish to further their education by study during the summer months.

ADMISSION

Application for admission to the Summer Session of 1944 must be made on the special form printed on the last pages of this Announcement. In most cases the information called for on this form will be sufficient. Applicants just graduating from high school are admitted only if they are entering a college in the fall term, or if their proposed Summer Session work is appropriately related to some other program of work. Such applicants will therefore be required to fill out an additional form which will be mailed upon receipt of the application for admission. Undergraduates registered in institutions other than Cornell University will be required to submit evidence of good standing and approved programs of study before they are admitted, and other applicants may be asked to furnish additional information. **Applications should be filed as early as possible, and late applicants who are admitted may unavoidably be delayed in registration. A certificate of admission signed by the Director is a prerequisite for registration in the Summer Session.**

The work of the Summer Session is planned to put the facilities of the University at the disposal of those persons who can use them to good advantage and for serious purposes during the summer period. Admission, however, cannot be granted to persons inadequately trained for the work they propose, or whose records in Cornell University or elsewhere are unsatisfactory; neither will admission be granted to persons whose purposes seem inadequate or inappropriate or better served by other work at other institutions. All applications will be acted upon promptly, but early application is urged.

ADMISSION TO THE GRADUATE SCHOOL

A student planning to become a candidate for an advanced degree from Cornell University must also apply for admission to the Graduate School. For this, two requirements are made: (1) the applicant must have received a baccalaureate degree from a college or university of recognized standing, or must have done work equivalent to that required for such a degree; (2) as judged by his scholastic record, or otherwise, the applicant must show promise of ability to pursue advanced study and research.

A student who wishes to enter the Graduate School should file application for admission, together with all the required supporting credentials, in the Office of the Dean of the Graduate School by June 1 if possible. Application must be made on the formal blanks obtainable from the office of the Graduate School, and must be accompanied by complete and official transcripts of the student's previous training.

Because of the time required to secure and evaluate transcripts and other records, a period of two to four weeks usually elapses between the receipt of an application and formal action upon it. Every effort will be made to render decisions promptly, and applicants can assist materially by making early applications.

Students planning to apply for admission to the Graduate School should read the section on the Graduate School beginning on page 8. Further information is given in the Announcement of the Graduate School, which will be sent by the Secretary of the University upon request.

REGISTRATION

Registration for the Session of 1944 will take place on Monday, July 3, in Barton Hall; the hours for registration will be from 8:30 a.m. to 12:30 p.m. and from 1:30 p.m. to 4 p.m. Students are urged to register on this day. Advance registration, either in person or by mail, cannot be arranged.

Registration is required for admission to any of the exercises of the Summer Session. In addition, all women students must register with the Counselor of Students. Registration of automobiles to be driven in and about Ithaca by Summer Session Students is also required.

REGISTRATION IN THE GRADUATE SCHOOL

Students who wish to obtain credit toward the advanced degrees of Cornell University for Summer Session work should arrange for admission to the Graduate School by correspondence in advance. They will then, on registration day, register in the Graduate School. Students whose applications and credentials for admission to the Graduate School are received after June 7 will not be able to register in the Graduate School on registration day, July 3. They will register in the Summer Session on that day and, after consulting members of the faculty in their proposed fields of graduate study, begin at once their programs of work. They will register in the Graduate School in Morrill Hall immediately after receiving notice of favorable action on their applications.

GRADUATES NOT REGISTERING

IN THE GRADUATE SCHOOL Students registered in the Graduate Schools of other institutions and planning to obtain credit toward the advanced degrees from those institutions by their Summer Session work do not register in the Graduate School. Before registering in the Summer Session they should arrange for the crediting of their Summer Session work by the institutions from which they plan to take the degrees. Other students who hold bachelor's degrees but are not candidates for advanced degrees also register in the Summer Session only.

PROGRAMS

Except by permission of the Director, all students are required to register for courses amounting to four semester hours as a minimum program. The normal program is six semester hours and students are advised against registering for more; the maximum program is eight semester hours.

Undergraduates are required to register for a program of six semester hours unless permission for a lighter program is granted by the Director. The program of a Summer Session student who is also registered in the Graduate School of Cornell University is determined by his special committee.

REGISTRATION

FOR ATTENDANCE Under certain circumstances teachers and other mature students, not candidates for degrees, may receive permission to register for some or all of their courses for attendance only. Students so registered are required to attend regularly and to perform the class work of the courses, but they will not be permitted to take the final examinations. They will receive no credit for these courses but may secure certificates of attendance in courses so registered for. Registration for attendance cannot be changed to registration for credit after the second week of the Session.

LATE

REGISTRATION Students reaching Ithaca on July 4 or later will register at the following times and places: all students, with the Registrar, at his office in *Morrill Hall, between 9 a.m. and 4 p.m.*; graduate students, also with the Dean of the Graduate School at his office in *Morrill Hall, at the same hours*; all women students, also with the Counselor of Students at *1 Sage Avenue, between 9 a.m. and 4 p.m.*; owners and drivers of automobiles, also with the Campus Patrol Office, *between 8:30 a.m. and 4:30 p.m.* Graduate Students who expect to receive residence credit toward an advanced degree for Summer Session work should register with the Dean of the Graduate School within the first week of the Session.

CHANGES OF

REGISTRATION All changes of registration after Monday, July 3, must be made in the Summer Session office, 251 Goldwin Smith Hall. Except by permission of the Director, no changes of registration may be made after Friday, July 7.

AUDITORS

Admission to classrooms during the Summer Session is restricted to students registered for the Session. A student thus duly registered may occasionally visit any class; but if he wishes to attend regularly at classes for which he is not registered, he must secure an auditor's permit. Such permits will be granted whenever the student can show a serious purpose in such attendance. Auditors are not required to take part in the work of the courses which they visit, and certificates of attendance cannot be issued to them.

Auditor's permits cannot be issued on registration day; they may be secured on Tuesday, July 4, and later, at the Summer Session office.

WITHDRAWAL FROM
THE SUMMER SESSION

A student may arrange for withdrawal at any time by cancelling his registration at the Summer Session office, 251 Goldwin Smith Hall. In such cases, the Treasurer may refund a part of the tuition fee or cancel a part of the obligation that the student has incurred for tuition, provided the reason for the withdrawal is stated in writing and is satisfactory to the Treasurer and the Registrar. In such cases the student is required to pay twenty per cent of the term's tuition for each week or fraction of a week between the first registration day and the date of his certificate of withdrawal, **unless the withdrawal is made before noon on Thursday, July 6.**

ACADEMIC

CREDIT All courses offered in the Summer Session, excepting some of the unit courses of one or two weeks in length, are accepted for credit in one or more of the Schools and Colleges of the University, when taken by matriculated students in these Schools and Colleges. No student may receive credit for more than eight semester hours for work done in a single Summer Session.

UNDERGRADUATE AND

GRADUATE COURSES There is, in general, no sharp distinction at Cornell University between undergraduate and graduate courses. In this Announcement each course is marked immediately after the title in one of three ways:

Undergraduate. These courses are intended primarily for undergraduates. Students registered in the Graduate School of Cornell University will not receive credit for these courses toward an advanced degree unless such credit is specifically recommended by the special committee in charge of their work.

Graduate. These courses are intended primarily for students who are candidates for advanced degrees, and for teachers and others who wish certification to accrediting agencies for work done at the graduate level. Undergraduates with adequate preparation may register for these courses only after receiving permission from the instructors in charge.

Undergraduate and graduate. These courses are open to graduates and advanced undergraduates. Graduates registering for these courses who are candidates for advanced degrees or who wish certification to accrediting

agencies for work done at the graduate level must indicate on their registration blanks their intention to complete the course at the graduate level and must be prepared to do any additional work that may be required.

COLLEGE OF ARTS

AND SCIENCES

To obtain credit towards the Bachelor of Arts degree for work done in a Cornell Summer Session, a student must previously have filed with the University Director of Admissions credentials covering the entrance requirements of the College of Arts and Sciences. He should then, in advance of Summer Session registration, secure the Dean's approval of his selection of courses. The academic requirements for the degree of Bachelor of Arts are explained in detail in the Announcement of the College of Arts and Sciences.

The Summer Session records of students registered in the College of Arts and Sciences are reviewed by the usual standing committees of the College, and poor records in the Summer Session are liable to the same penalties as in the regular University session.

COLLEGE OF

ENGINEERING

Students in the College of Engineering who desire to offer work done in the Summer Session toward requirements for graduation should consult the Director of the School in which they are regularly registered before registering in the Summer Session. Students not yet matriculated in the College of Engineering, but planning to enter it, may obtain information about its requirements by applying to the Secretary of the College of Engineering.

STATE COLLEGE

OF AGRICULTURE

Students in the State College of Agriculture must consult with Dr. J. P. HERTEL, Secretary of the College, and must obtain his approval to the proposed program of courses if credit in that College is to be secured.

STATE COLLEGE OF

HOME ECONOMICS

Students in the State College of Home Economics must consult with their class advisers and must obtain their approval of the proposed program of courses if credit in that College is to be secured.

DEPARTMENT OF

HOTEL ADMINISTRATION

Students in the Department of Hotel Administration who desire to offer work done in the Summer Session towards requirements for graduation should consult Professor MEEK of that department before registering in the Summer Session.

INSTITUTIONS OTHER THAN

CORNELL UNIVERSITY

The foregoing regulations apply to undergraduate students matriculated at Cornell University. Undergraduates enrolled in other institutions, before admission to the Summer Session, will submit a program of courses approved for

credit by an officer of the institution in which they are candidates for a degree. On registration day they will register for the courses of this program, and changes may only be made by permission of the Director. At the end of the Session, an official transcript of the Summer Session record of each undergraduate student will be sent to the institution in which that student is registered as a candidate for a degree. The Cornell Summer Session can assume no responsibility for the use to be made of credits earned by students thus coming from other institutions. The transcripts mentioned above will show what courses have been taken, the amount of credit in semester hours, and the grades.

CERTIFICATE OF SUMMER RECORD

At the close of the Session transcripts of the records of all undergraduates enrolled in other institutions will be sent to the registrars of those institutions; transcripts will also be furnished in the same way for those students admitted to other institutions for September entrance. Other Summer Session students may receive certificates of attendance or of work performed, with grades, upon request. Application for certificates should be made at least three days before the end of the Session, and the applicant must leave at the office of the Registrar a large-sized envelope stamped and directed to his home address. The certificate will then be forwarded by mail.

THE GRADUATE SCHOOL

APPLICATION FOR ADMISSION

A student planning to apply for admission to the Graduate School should write at once to the Dean of the Graduate School for a copy of the Announcement of that School and for the blanks required for applications for admission. The Announcement gives full information about the advanced degrees granted by Cornell University, including the language requirements for admission and for some of the advanced degrees; residence and course requirements; and other information not given in the following sections.

Applications for admission to the Graduate School should be filed by June 1 if possible. After admission to candidacy for a degree, the student may write in advance of the opening of the Session to professors whose courses he plans to take. In this way it is possible to secure advice with regard to major and minor subjects, or fields of concentration, and information about course requirements in specific fields, and to avoid delay and interruption of work at the opening of the Session.

REQUIREMENTS FOR

MASTER'S DEGREES

The requirements for the degrees Master of Arts, Master of Science, and Master of Science in Agriculture consist of three parts: (1) a minimum period of residence; (2) completion of such courses and other work (under Plan A, including a thesis) as may be specified by a special committee selected by the student to direct his work; (3) competence in scholarship, tested by a final examination.

RESIDENCE

REQUIREMENTS The minimum residence requirement for the Master's degrees mentioned above is two semesters of residence at Cornell University. This minimum requirement may be satisfied by five Summer Sessions of six weeks, or one semester and three Summer Sessions of six weeks, at Cornell University. With some restrictions, residence credit to the amount of one Summer Session will be allowed for a succession of unit courses of two or three weeks in length taken in different summers. Candidates for these degrees who are in residence during Summer Sessions are also expected to continue their studies during the year under the direction of the chairman of the special committee in charge of their work.

SUBJECT MATTER

REQUIREMENTS The subject matter requirements for the Master's degrees mentioned above may be satisfied in two ways. Each student, when applying for admission to candidacy for a Master's degree, should indicate which of these two plans of work he wishes to follow:

PLAN A

The candidate selecting this plan chooses a major subject of rather limited scope (e.g., French Literature, American History, Botany, Physical Chemistry) to which he plans to devote the greater part of his time. He also selects a minor subject properly related to the major subject. He then selects from the faculty of the Graduate School a member to represent each of his subjects; these constitute his special committee, and the representative of the major subject acts as chairman. The candidate then files with the Dean of the Graduate School a statement of his major and minor subjects approved by the members of his special committee. This statement must be filed within one week after registration.

The candidate then and from time to time thereafter confers with the members of his special committee, and with their help outlines a program of work which meets the requirements for the degree he expects to earn. These requirements will include achievement in independent investigation supported by a thesis acceptable to the student's special committee. In addition to course examinations, the candidate is required to pass a final examination comprehending the thesis and the major and minor subjects.

PLAN B

The candidate selecting this plan chooses a field of concentration of broader scope (e.g., Biological Sciences, Social Studies, English, Foreign Languages, Home Economics), to which he plans to devote at least half of his time. He also selects a group of subjects within which he plans to distribute the remainder of his work. He then selects two members of the faculty to serve as his special committee. One of these, who is chairman of the committee, represents the field of concentration; the other may be chosen from either that field or some related field, depending on the candidate's program. The candidate then files with the Dean of the Graduate School a statement of his field of concentration approved by the members

of his special committee. This statement must be filed within one week after registration. The candidate then and from time to time thereafter confers with his special committee, and with their help outlines a program of work which meets the requirements for the degree he expects to earn.

The subject matter requirements under this plan include the satisfactory completion of approved studies carrying a minimum of thirty semester hours of credit, of which approximately one half will be in the field of concentration and the rest will be variously distributed with the sanction of his special committee. Work acceptable within the field of concentration must be devoted in substantial part to studies requiring original investigation, organization, and criticism on the part of the student. The candidate is not required to present a formal thesis; but if he does not do so, he is required to complete an expository or critical essay, or a problem in research, to the satisfaction of his special committee. In addition to course examinations, the candidate is required to pass a final examination comprehending the field of concentration and the distributed studies.

REQUIREMENTS FOR THE DOCTOR'S DEGREE

The requirements for the Doctor's degree include a reading knowledge of French and German, tested by a special examination. A major subject and two minor subjects are chosen, and a thesis is always required. The residence requirement for the Doctor's degree may, upon recommendation of the student's special committee, be fulfilled in part by attendance during the Summer Session. For this purpose, three six-week Summer Sessions will be regarded as the equivalent of one semester, and five six-week Summer Sessions as the equivalent of one year.

Candidates for the Doctor's degree should in all cases consult the *Announcement of the Graduate School* for a more complete statement of the requirements.

COMPLETION OF REQUIREMENTS

Candidates for advanced degrees who expect to complete requirements and to take their final examinations at the end of a Summer Session should call at the office of the Graduate School well in advance for the necessary instructions and blanks.

REGISTRATION FOR RESIDENCE CREDIT

To obtain residence credit in the Graduate School for Summer Session work the student must register both in the Summer Session and in the Graduate School; and such registration should be completed within the first week of the Session.

CANDIDATES IN THE SCHOOL OF EDUCATION

The School of Education in its administration of graduate work functions as a division of the Graduate School of the University with the same requirements for admission except as to foreign languages. Two professional degrees are offered. (1) The degree of Master of Education (M.Ed.) is intended primarily for those who complete, through a newly-established five-year program, the

pre-service requirements for admission to teaching. (2) The degree of Master of Science in Education (M.S. in Ed.) is intended primarily for those who already hold certificates to teach but who wish to prepare themselves for some specialized form of educational service, such as administration, supervision, or guidance. In general, the program does not demand the extensive research required of a candidate under Plan A of the regular Master's degree and permits a broader selection of courses. For further information regarding the requirements for these degrees, consult the *Announcement of the School of Education*, which will be sent upon request.

NON-CANDIDATES

A student admitted to the Graduate School as a non-candidate selects an adviser to direct his work. He then files with the Dean of the Graduate School not later than one week after registration a statement, approved by his adviser, of the studies he plans to pursue.

RESIDENT DOCTORS

Persons who hold a Doctor's degree or have equivalent standing may, subject to permission from the Dean of the Graduate School, register as resident doctors to carry on advanced work in their special fields of study. Upon recommendation of the Dean of the Graduate School resident doctors are exempt from the payment of tuition and all other fees except laboratory fees. Ordinarily, resident doctors may not attend courses without the payment of tuition.

FEES

All fees are due and payable at the Treasurer's office in Morrill Hall on registration day, July 3. The last day for payment of fees without penalty is Friday, July 7.

TUITION FEES

The tuition fee for the Summer Session is \$60. Students taking unit courses for less than six weeks will pay tuition at the rate of \$12 a week. If unit courses extending through six weeks are taken, the tuition fee will be \$60. Special fees are charged for individual instruction in music, tennis, and other subjects.

MATRICULATION FEE

A matriculation fee of \$10 and an examination book fee of \$1 are charged if the student is registering for the first time in the Graduate School of Cornell University, unless the student, as an undergraduate in Cornell University, has already paid these fees. A student registering in the Summer Session but not in the Graduate School does not pay these fees unless he is at the same time registering for the first time as a candidate for a degree from one of the other Schools or Colleges of the University. For further information about these fees, the *General Information Number*, which may be obtained from the Secretary of the University upon request, should be consulted.

OTHER FEES

AND DEPOSITS All Summer Session students will also pay a health service and infirmary fee of \$4.50. The services furnished for this fee are described on page 16.

A registration fee of \$2 per course is charged for certain courses in Industrial Education.

A deposit of \$5, refundable when all books have been returned, is required for the withdrawal of books from the University library.

Laboratory, shop, field-trip, and incidental fees are charged for materials used and for other expenses in certain courses. The amounts of these fees are specified in the descriptions of the courses in which they are charged.

Deposits refundable upon return of apparatus, etc., are required in certain courses. The amounts of these deposits are specified in the descriptions of the courses in which they are charged.

Special fees are charged for individual instruction in music and for the use of practice facilities. For the amounts of these fees, see under the description of courses in music.

A fee of 10 cents a period is charged for the use of the University swimming pool in Beebe Lake, adjacent to the campus.

OTHER REGULATIONS

CONCERNING FEES

If a student withdraws from the Summer Session, the Treasurer may refund a part of the tuition fee or cancel a part of the obligation that the student has incurred for tuition, provided the reason for the withdrawal be stated in writing and be satisfactory to the Treasurer and the Registrar. In such cases the student is required to pay twenty per cent of the term's tuition for each week or fraction of a week between the first registration day and the date of his certificate of withdrawal **unless the withdrawal is made before noon on Thursday, July 6.**

Student registering at any time during the last five weeks of the Session are required to pay for the remainder of the term at the rate of twenty per cent of the term's tuition for each week or fraction of a week between the date of registration and the last examination day of the term.

Any student, graduate or undergraduate, except as hereinafter provided, who fails to pay his tuition, fees, and other indebtedness, or if entitled to free tuition fails to claim the same at the Treasurer's office and pay his fees, within the time prescribed by the University is thereby dropped from the University. When in his judgment the circumstances in a particular case so warrant, the Treasurer may allow an extension of time to complete payments. For such extension, the student will be assessed a fee of \$2. A reinstatement fee of \$5 will be assessed in the case of any student who is permitted to continue or return to classes after being dropped from the University for default in payments. For reasons satisfactory to the Treasurer and the Registrar, which must be presented in writing, the above assessment may be waived in any individual case.

Any tuition fee or other fee may be changed by the Trustees to take effect at any time without previous notice.

SPECIAL REGULATIONS

CONDUCT AND SCHOLARSHIP The Summer Session is conducted under the general regulations governing conduct and scholarship which apply to all sessions of the University. Students are expected to familiarize themselves with dormitory and other rules and to abide by them.

The University rules governing student conduct are:

"A student is expected to show both within and without the University unflinching respect for order, morality, personal honor, and the rights of others. The authority to administer this rule and to impose penalties for its violation is vested in the University Committee on Student Conduct. The rule is construed as applicable at all times, in all places, to all students of the University."

"A student may at any time be removed from the University if, in the opinion of the Committee on Student Conduct, his presence is not conducive to the University's best interests."

The officers of the University also reserve the right to cancel the registration of any student at any time for neglect of scholastic duties.

AUTOMOBILE REGULATIONS

For the duration of the war, students in attendance at Cornell University may not drive motor vehicles in or about Ithaca except by special permission. In accordance with this regulation, Summer Session students may not bring automobiles or motor cycles to Ithaca unless they have received official permission in advance. All correspondence on this matter should be addressed to Mr. H. H. BENSON, Executive Officer, Campus Patrol Office, Cornell University.

Each student who, having received permission in advance, maintains or operates a motor vehicle in or about Ithaca during the Summer Session must register with the Campus Patrol Office at the time of registration for courses. He will at the same time register the motor vehicle which he proposes to drive. A copy of the regulations governing parking on the campus will be furnished at that time.

CASHING OF CHECKS

The Treasurer of the University accepts checks in settlement of charges payable at his office, but a rule of the Board of Trustees forbids him to cash any credit instrument, even to the extent of accepting a check or draft in amount greater than the sum due and returning the excess in cash. Students are therefore advised to open an account in an Ithaca bank as soon as they arrive in town, or else provide themselves with travelers' checks, drafts on New York City banks, money orders, or other form of credit instrument such as a bank will cash in the ordinary course of business.

FOREIGN STUDENTS

The University maintains on its staff a Counselor to Foreign Students whose duty is to look after the welfare of all students from other countries. It is suggested that all foreign students write to him before coming to Ithaca, or call upon him soon after arrival. He

will be glad to help them find suitable living quarters and assist them with introductions. Letters of this kind should be addressed to Mr. DONALD C. KERR, Counselor of Foreign Students, Cornell Cosmopolitan Club, Ithaca, N. Y.

ROOMS FOR WOMEN

The University has two groups of residential halls for women in which board and room can be obtained during the summer by registered students only. The BALCH HALLS accommodate 318 students; PRUDENCE RISLEY HALL has a capacity of 204 students. In these halls students enrolled in the sixteen-week Summer Term will be accommodated first; rooms not required for Summer Term students will be assigned to applicants planning to register in the six-week Summer Session. For board and room in these halls, and an allowance of laundry, there is a uniform charge of \$108 for the six-week Summer Session.

All students obtaining board in the halls will be required to deposit their ration book 4 with the Manager of Residential Halls on registration day.

COTTAGES

Several cottages near Prudence Risley and Balch Halls, and a group of cottages on the Circle, near the campus of the State Colleges, will be open for more mature students. Persons residing in these cottages may obtain their meals at the University cafeterias. The charge for these cottages includes room and allowance of laundry only, and varies with the cottage and room selected.

UNDERGRADUATE WOMEN

All women undergraduates of Cornell University and of other institutions, and all other women students who are less than twenty-one years of age, are required to live in the residential halls or in sorority houses, and to take their meals there.

GRADUATE WOMEN

Graduate women students may secure rooms in the cottages, in other houses approved by the Counselor of Students, or in the residential halls if there is space. A list of approved houses is prepared about June 1 and it will be mailed upon application to the Manager of Residential Halls.

OPENING DATE

In the residential halls and cottages for women, rooms may be occupied on the night of Saturday, July 1; earlier occupancy will not be possible.

HEAD RESIDENTS

The Head Residents in charge of the halls are glad to know the students, to advise them in illness or other emergency, and to give them whatever information they wish about the University or the town. It is understood that persons living in the halls will conform to the house regulations made for the convenience and comfort of all,

APPLICATIONS

FOR ROOMS Applications for rooms in the residential halls or cottages for women and requests for the list of approved houses for women should be addressed to the Manager of Residential Halls, Morrill Hall, Ithaca, New York. Floor plans of the residential halls and other information about rooms may be obtained, before a reservation is made, by addressing the same office.

Application for rooms should state the exact dates of the proposed attendance at the University.

DEPOSITS WITH

APPLICATIONS A *deposit of five dollars* must accompany each application for a room in any of the residential halls for the Summer Session; otherwise the application will not be entertained. The rooms are reserved in the order of application. If a room assigned is occupied by the applicant, the amount of the deposit is held until the end of the Session to cover the return of keys and any damage to building or furniture other than ordinary wear and tear, and to insure the completion of the lease. The deposit will be refunded if the applicant gives formal notice to the Manager on or before June 15 that the applicant wishes to withdraw the application.

Checks should be drawn to the order of Cornell University.

ROOMS FOR MEN

Because the residential halls for men have been taken over to accommodate men in training for service in the armed forces, no rooms in these halls will be available to Summer Session students. A list of suitable rooms in private houses is compiled about June 1 and it will be mailed upon application to Mr. E. A. WHITING, Willard Straight Hall, Ithaca, New York.

HOUSES AND

APARTMENTS Information about living quarters in private houses and apartments is also furnished upon request. This includes a list of rooms for graduate women in private houses; a similar list of rooms for men; a list of apartments and private houses for rent; and a map of Ithaca to show the location of these places with reference to the campus. These lists are prepared about June 1 and may be obtained by addressing the Manager of Residential Halls.

DINING ROOMS,

CAFETERIAS The dining rooms of Prudence Risley and Balch Halls will be reserved for the use of occupants of those halls. Space remaining when occupants of the halls have been accommodated will be made available to occupants of the cottages at the rate of \$9.25 a week.

The dining facilities of Willard Straight Hall and the cafeterias in Martha Van Rensselaer Hall are open to both men and women students. Board may be obtained at these places and at cafeterias, dining rooms, and restaurants near the campus at \$1.50 to \$2 a day.

COST OF LIVING

An estimate of the cost of living in Ithaca in the summer can be made by consulting the figures given above. In private houses rentals vary according to the location. Rooms are rented with the understanding that they will be occupied for the entire Session unless both parties agree otherwise. Table board is generally engaged by the week.

MEANS OF

SELF SUPPORT There are many places available for those students, both men and women, who wish to work for their board in the residential halls department; applications for such work should be addressed to the Manager of Residential Halls. Applications from women students for other kinds of work should be addressed to Miss THELMA L. BRUMMETT, Counselor of Students. Men who want other kinds of work should write to the University Placement Bureau, Willard Straight Hall, Ithaca, New York.

LIBRARIES

THE UNIVERSITY LIBRARY is open on week days from 7:50 a.m. to 10:30 p.m. In this building are the main library, containing about 850,000 volumes, and most of the seminary and special libraries. Students properly qualified are allowed the use of the seminary rooms and the books in them. The main collection is primarily a library of reference for use in the building. Students are, however, to a limited extent, allowed to take out books for home use. Persons wishing this privilege must make a deposit of \$5, which will be refunded upon the return of all books taken out.

THE LIBRARY OF THE COLLEGE OF AGRICULTURE, in Stone Hall, is open on week days from 8 a.m. to 10 p.m., except Saturday when it is closed at 5 p.m. In it will be found a large collection of bulletins and reports of experiment stations, reference books on agriculture and country life, agricultural periodicals, and the like. The entomological library in Comstock Hall is one of the most complete of its kind in the United States. Nearly all of the departments in which instruction is given have well-selected departmental libraries.

THE LIBRARY OF RECORDED MUSIC and scores to parallel these recordings is available in the Music Building for the use of the general student body. This library may be used in the Music Building only, during the hours 9 a.m. to 5 p.m. and 7 p.m. to 10 p.m. daily except Sunday, and on Sunday afternoons from 2:00 p.m. to 5:00 p.m.

HEALTH SERVICE

The Student Medical Clinic at 7 Central Avenue will be available for all registered Summer Session students. Hours for civilian students at the Clinic will be from 9 a.m. to 12 m. and from 2 p.m. until 4:30 p.m., except Saturday and Sunday. Saturday hours at the Clinic will be from 9 a.m. until 12 m.; Sunday, from 10 a.m. to 11 a.m. A nurse will be in attendance daily from 12 m. until 2 p.m. weekdays, except Saturday. Those desiring to consult a physician after 5 p.m. weekdays, on Saturday afternoons, or on Sunday for an illness or accident of emergency nature may go directly to the Cornell University Infirmary. The

night service is not intended for the use of those who could visit the Clinic during the day.

Emergency room call service will be available at a charge of three dollars for night visits and two dollars for day visits. Requests for room visits will be cleared through the Student Medical Clinic, 3331-2336, during the day and through the Infirmary switchboard, Ithaca 2747, after 5 p.m. on weekdays, Saturday afternoons, and Sundays. Patients requiring more than one emergency visit for any one illness will not be treated in their rooms but will be requested to go to the Infirmary.

The Infirmary is a modern hospital and is approved by the American College of Surgeons. It will be available for Summer Session students. Two days bed, nursing, and ordinary medical care will be granted without extra charge to each student registered in the Summer Session. Per diem rates in the Infirmary for registered students beyond the exemption period will be two dollars in a ward and three dollars in a room. There will be no additional charge for extended ordinary medical care.

If a student, while in the Infirmary, wishes to avail himself or herself of a private physician from the visiting staff, he or she is at liberty to do so. A student may also receive medical care from private physicians from the City of Ithaca rather than consult the Clinic. In either case this service is not included in the health fee.

RECREATION AND PUBLIC EVENTS

WILLARD STRAIGHT HALL, the student union of Cornell University, contains lounges for men and women, activity rooms for student meetings, rooms for games and for classes in folk dancing, the University Theatre where motion pictures and dramatic productions are given each week, a billiards and game room for men, a barber shop for men, a browsing library well stocked with books of general interest, and an art room. On the upper floors of the Hall are sleeping rooms used principally by parents and guests of students, by alumni, and by guests of the University.

Willard Straight Hall is for the use of members of the University; but guests of members may secure guest cards for limited periods upon application to the Director of the Hall.

LECTURES

A public lecture, open to all Summer Session students, is given each Monday evening of the Session. Both non-resident lecturers and distinguished members of the faculty will take part in the series, and the subjects are chosen for their general interest and timeliness.

SAGE CHAPEL

Religious services are conducted in Sage Chapel throughout the academic year by clergymen of various religious denominations. There will be services in the Chapel on five Sundays during the Summer Session, July 9 to August 6 inclusive.

CONCERTS

A series of three evening concerts will be given in Bailey Hall during the Summer Session, one of which will be a recital by Egon Petri,

pianist. These evening concerts are free to students and members of the faculty. The dates and programs will be announced in the Weekly Calendar.

CHORUS

All members of the Summer Session who are interested in singing in a chorus of mixed men's and women's voices are asked to meet in the choir loft of Sage Chapel on Thursday afternoon, July 6, at 4:45 o'clock. At this time a schedule of rehearsals will be arranged in accordance with the desires of those interested. The chorus will be directed by RICHARD T. GORE, Assistant Professor of Music and University Organist.

CHAMBER

ORCHESTRA A chamber orchestra will rehearse regularly during the Summer Session and will play one concert. Members of the Summer Session who wish to join this organization should apply to Associate Professor KUYPERS at Barton Hall on Monday, July 3, or at his office in the Music Building, 320 Wait Avenue, as soon thereafter as possible.

SUMMER

THEATRE During the Summer Session performances are given by the Summer Theatre Company on Friday and Saturday evenings. The performances are given in the theatre of Willard Straight Hall; an admission charge is made. The plays to be produced will be announced each week in the Weekly Calendar.

The plays of the Summer Theatre Company are directed by Professor DRUMMOND, assisted by members of the Direction Staff. Competition for places in the cast and production staffs is restricted to persons regularly enrolled in the Summer Session or Summer Term. Detailed announcements will be made in the various classes in Drama.

FILMS

Noteworthy recent European and American films will be presented weekly by the Summer Theatre. Tickets will be on sale in Willard Straight Hall.

SPORTS

Tennis courts, conveniently located about the campus, are available for use without fee. Private lessons in tennis are offered by members of the Department of Physical Education; tennis, badminton, and golf tournaments and a swimming meet are arranged as part of the recreational program of the Summer Session. A nine-hole golf course is operated by the Department of Physical Education and Athletics; for information about conditions for its use and fees, address Mr. R. J. KANE, Schoellkopf Building, Cornell University. A gorge at one end of Beebe Lake, on the campus, forms a natural swimming pool, where a guard is on duty every day of the Session.

WEEKLY CALENDAR

A weekly calendar is issued and posted on each Saturday of the Summer Session. This carries all official notices and gives details of all public events, such as concerts, lectures, excursions, etc. Copies may be obtained upon request at the desk of Willard Straight Hall, at the Summer Session office, and at other University offices.

COURSES OF INSTRUCTION are listed under departmental headings alphabetically arranged. Because of uncertainties arising from the present emergency, **the right is reserved to cancel any course.** Because of other demands which may be placed upon the instructing staff, it may be necessary to substitute other instructors for the ones named in the course descriptions. A course will be cancelled only if the enrollment in that course is small or if no instructor is available; advanced and graduate courses will be continued with small enrollments whenever possible.

UNIT COURSES

Unit courses, less than six weeks in length, are indicated by asterisks and their dates are given in the descriptions.

CLASS SCHEDULES

In most courses of instruction, classes will meet five times a week, on each week day except Saturday. Such classes will meet on Saturday, July 8, the first Saturday of the Session, but on no other Saturdays. Class periods begin on the hour unless otherwise indicated, and are fifty minutes in length. Laboratory periods are of various lengths, as indicated in the description of courses which include laboratory work.

ROOM SCHEDULES

The meeting places of courses will be given in a special announcement which will be furnished at the time of registration.

SCHEDULE OF

EXAMINATIONS With a few exceptions, examinations will be held on Thursday, August 10, and Friday, August 11, at hours indicated by the schedule below: in the exceptional cases, the examination will be held on Wednesday, August 9, at 2. The usual class rooms will be used unless a change is announced by the instructor.

In courses which meet for more than one hour daily, the examination period is determined by the first hour at which they meet. For example, German S 1 meets daily at 8 and 12; the examination will be held on Thursday at 8. In courses which include both lecture and laboratory periods, the examination period is determined by the lecture hour. In courses in which no examination is to be given, an announcement to that effect will be made by the instructor; in such cases the last meeting of each course will be held in the examination period for that course.

Examinations will be held as follows:

8 o'clock classes, Thursday at 8.

9 o'clock classes, Friday at 8.

10 o'clock classes, Thursday at 10.30.

11 o'clock classes, Friday at 10.30.

12 o'clock classes, Thursday at 2.

Afternoon classes, Friday at 2.

COURSES OF INSTRUCTION

ASTRONOMY

S 10. Air Navigation. Undergraduate and graduate; credit three hours. Prerequisite, elements of plane trigonometry. Lectures, M W F, 9. Laboratory, T Th, 2-4. Associate Professor SHAW.

A thoroughly practical course in the art and science of finding the position of an airplane relative to the earth's surface. Practice work will include the use of airplane compasses, charts and maps, course plotting, dead reckoning, radio bearings, and the bubble sextant. Only methods approved by the Army Air Corps, the Navy, and commercial air lines will be taught. Frequent reference will be made to analogous techniques in marine navigation.

The course will be of special value to persons preparing to teach air or marine navigation or to those who expect to enter any branch of service utilizing navigation.

AVIATION SUBJECTS

Persons expecting to teach navigation or expecting to join some branch of the Air Services will find pertinent offerings under ASTRONOMY and METEOROLOGY.

UNITED AIR LINES SCHOLARSHIPS

The UNITED AIR LINES offers one or more Summer Session tuition scholarships to teachers in public or private schools who attend the Session to improve their preparation for teaching aviation subjects, either as separate courses or in connection with other subjects.

Application for these scholarships should be made to the Director of the Summer Session, and must be accompanied by a statement of the proposed program of courses.

BACTERIOLOGY

A 1. General Bacteriology. Undergraduate and graduate; credit two or four hours. Lectures, daily except Sat., 1:40. Laboratory, daily except Sat., 2:30-4:30. Professor STARK and Mrs. WASHBURN.

An introductory course giving a general survey of the field of bacteriology, together with the fundamentals essential to further work in the subject. The morphology, physiology, and classification of bacteria; the culture of micro-organisms, simple and differential staining, and general bacteriological technique; the bacteriology of soil, air, water, sewage, milk, and foods; the principles of immunity and the microbiology of disease. Laboratory fee, \$10, for those seeking four credit hours.

A 220. Special Problems. Credit and hours by arrangement. Professors SHERMAN and STARK.

Special problems in bacteriology may be elected by qualified students with the permission of the instructors.

BOTANY

S 1a. General Botany—Anatomy and Physiology. Undergraduate; credit three hours. Equivalent to Botany 1, first term. Lectures, daily except Sat., 10. Laboratory and conferences, daily except Sat., 11-12:30. Professor PETRY and Dr. LAUBENGAYER.

The structures and life processes of the higher plants are examined in detail, with considerable attention to information necessary for more advanced or practical work

with plants. Students taking this course may attend the field trips offered in connection with Botany A 1b. Laboratory fee, \$3.50.

A 1b. General Botany—Morphology and Taxonomy. Undergraduate; credit three hours. Equivalent to Botany 1, second term. May be taken in conjunction with Botany S 1a, or independently. Lectures, daily except Sat., 2. Laboratory, daily except Sat., 3-4:30. Three half-day field trips on Saturdays to be arranged. Dr. CUTTER.

Representatives of the principal groups of plants are studied with a view to acquainting the student with the plant kingdom as a whole. The principal families of ferns and flowering plants are examined and practice in identification is given.

The field work is intended to afford to teachers and others first-hand knowledge of the commoner plants of all the great groups. Facilities for collecting plant materials for teaching or other purposes will be provided. Laboratory fee, \$3.50.

A 31. Plant Physiology. Undergraduate and graduate; credit four hours. Prerequisite, general botany or biology and elementary chemistry. Lectures, daily except Sat., 9-12. Professor O. F. CURTIS.

This course is designed to acquaint the student with the important life processes of plants. Topics such as water-relations, photosynthesis, translocation, digestion, respiration, mineral nutrition, and growth relations are studied in some detail and particular emphasis is placed, both in laboratory and in classroom, on discussion of the principles and their applications to living plants. Laboratory fees, \$4; deposit, \$3.

A 117. Taxonomy of Vascular Plants. Undergraduate and graduate; credit four hours. Prerequisite, course 1 or its equivalent. Lectures, daily except Sat., 10. Laboratory, M T W Th, 11-12:30. Field trips, T Th, 2-6. Associate Professor CLAUSEN.

A study of the kinds of seed plants and ferns; their classification into genera, families, and orders; and field work on the local flora. Emphasis will be placed on wild plants, but the more common cultivated plants will have some attention. The course is planned to follow course 1 and to furnish an introduction to the knowledge of field botany and to the classification of the higher plants, in preparation for special work in various departments and as an aid in teaching. Instruction will be given in herbarium methods. Laboratory fee, \$4; deposit, \$5.

A 145. Special Problems with Plants. Credit two or more hours. Hours to be arranged. In registering for this course the name of the professor with whom the work is to be taken must be stated.

Students sufficiently prepared may arrange for the study of some problem or special topics. Such work may lie in the fields of general or taxonomic botany, anatomy, comparative morphology, mycology, cytology, plant physiology, economic botany, paleobotany, plant pathology, or genetics. A member of the staff must supervise the work.

CHEMISTRY

Because of other demands upon the staff of the department of Chemistry, it is impossible to offer the usual courses in this subject.

DRAWING AND PAINTING

The following courses are planned to meet the needs of students of varying degrees of advancement. Classes are small enough to permit individual instruction. All materials needed are available in Ithaca.

A student may register for credit during successive Summer Sessions in courses S 2 and S 3.

S 1. **Drawing and Painting.** Undergraduate; credit two hours. Daily except Sat., 10-12. Assistant Professor HANSON.

Studio work with group discussions and individual criticism.

S 2. **Advanced Drawing and Painting.** Undergraduate and graduate; credit two hours. Daily except Sat., 10-12. Assistant Professor HANSON.

Open to students with a considerable amount of previous training in Art. The work assigned will vary according to the needs of the individual student. A model will be available for this class.

S 6. **Outdoor Painting.** Undergraduate and graduate; credit two hours. Daily except Sat., 2-4. Assistant Professor HANSON.

This course is open to all students. The Cornell University campus and its immediate environs offer abundant and varied subject matter for outdoor work.

EDUCATION AND RURAL EDUCATION

THE SCHOOL OF EDUCATION

TYPES OF PROFESSIONAL PROGRAMS LEADING TO STATE CERTIFICATION

For several types of professional workers, programs have been so planned that it is possible for the student to secure a Master's degree while completing requirements for a state certificate. Among the professional positions for which programs have been prepared are these:

- Teachers of academic subjects in the secondary school, of agriculture, home economics, industrial arts, industrial education, and nature study
- Supervisors of agriculture, home economics, and industrial education
- Guidance counselors
- Principals of elementary or secondary schools
- Principals of vocational or technical high schools
- Directors of vocational education
- Supervisors of elementary school grades
- Supervising principals of small village, central, or consolidated schools
- Superintendents of large village or city school systems
- District superintendents, county superintendents, or similar leaders in rural education

For information regarding any of these programs the student who is already matriculated in the Graduate School of Cornell University should consult the Chairman of his Special Committee. Others should write to the Director of the School of Education.

Opportunities for specialization in the various phases of Education are, of course, offered for those not concerned with certification.

UNIT COURSES OF TWO AND THREE WEEKS

To meet the needs of special groups of teachers, a series of unit courses of two and three weeks in length has been arranged. In the following list these courses are indicated by asterisks preceding the course numbers. Persons planning to take any of the unit courses should carefully note the dates of each and they are advised to correspond in advance with the Director of the School of Education.

ADMINISTRATION, SUPERVISION, CURRICULUM

S 24. **The Principalship.** Undergraduate and graduate; credit two hours. Daily except Sat., 2. Professors FERRISS, MOORE, and BUTTERWORTH.

A consideration of the problems of elementary and high school administration. Intended primarily for persons interested in elementary or secondary principal's certificates. Persons interested in certification for the elementary principalship register for S 24a. Persons interested in certification for the secondary principalship register for S 24b.

A 261a. **Fundamentals of Educational Organization and Administration.** Graduate; credit two hours. Daily except Sat., 8. Professor BUTTERWORTH.

A consideration of the most important problems in organizing and administering the community's educational program.

A 262c. **The School Plant.** Graduate; credit two hours. Daily except Sat., 10. Professor BUTTERWORTH.

Principles and techniques in planning a school building to house the community's educational program. Typical problems: evaluating a school plant; predicting probable pupil population; determining the needs as regards class and special rooms; preparing preliminary plans for the architect; measuring probable utilization, etc. Each student is urged to bring with him data regarding a situation in which he is interested. Write the instructor for a statement of the types of data desired.

*A 262e. **The Administration of Attendance.** Undergraduate and graduate; credit two hours. Daily except Sat., 8-10 and 2-3. A two-week unit course for supervisors of attendance, July 3-July 15. Miss FLORENCE MCCARTEY, State Education Department.

Admission upon application to the Director of the School of Education before June 20. Will not be offered unless there is an advance registration of at least ten persons by that date.

The major administrative problems of the supervisor of attendance: aims of the attendance service; its organization within the school system, including relationships with other services; methods of improving attendance, etc.

***Social Case Work for Supervisors of Attendance.** See Sociology and Rural Sociology. page 40.

A 263. **Procedures and Techniques in Supervision.** Graduate; credit two hours. Daily except Sat., 10. Professor MOORE.

Designed for superintendents, supervisors, and principals. Inexperienced students admitted only by permission. A consideration of the nature and purpose of supervision; the improvement of the learning-teaching process; skill in observations; analysis of methods; relationships between general and specific objectives; selection, analysis, and organization of subject matter; measuring and testing results; assisting teachers in professional growth.

A 276. **The Curriculum in Post-War Schools.** Graduate; credit two hours. Daily except Sat., 10. Professor FERRISS.

A consideration of major problems, principles, and techniques in curriculum building for elementary and secondary schools in the light of modern educational theory and practice. Special attention will be given to problems of curriculum revision and adjustment to meet post-war needs. Some opportunity will be given for work on individual problems and consultation with specialists.

AGRICULTURAL EDUCATION

A 133. **The Teaching of Agriculture.** Undergraduate; credit and time to be arranged. Staff in Agricultural Education.

A 232. **Workshop in Advanced Vocational Agriculture.** Graduate or by special permission; credit two or three hours, the third hour by special arrangement only. Class

hours five to seven and one-half per week throughout the six-week period. Planned for several centers within the State to be determined by correspondence.

Planned as three special units, based on individual and community needs, choice of units and schedule to be determined in advance: a. The Program of Work in Vocational Agriculture; b. Planning and Conducting Supervised Farming Programs; and c. Planning Units of Instruction.

*A 250. **Seminar in Agricultural Education.** Graduate or by special permission; credit two hours for two special units of three weeks each. Units may be taken separately for one hour of credit by special permission. Given only if sufficient enrollment is assured by June 1. July 3 to July 21 and July 24 to August 12. M W F 10; laboratory, M W 1:40-4. Professor STEWART.

Evaluation plan for vocational programs of secondary agriculture, with special reference to Food Production War Training courses.

*A 267c. **Agricultural Education in Public Schools.** Graduate; credit two hours for two special units of three weeks each. Units may be taken separately for one hour of credit by special permission. Given only if sufficient enrollment is assured by June 1. July 3 to July 21 and July 24 to August 12. Daily except Sat., 8. East Roberts 223. Professor STEWART.

Open to graduate students with teaching experience. Agricultural education in a comprehensive program of public education, with special reference to wartime needs.

EDUCATIONAL PSYCHOLOGY, MEASUREMENT, AND GUIDANCE

S 7. **Mental Measurements.** Undergraduate and graduate; credit three hours. With consent of the instructor, this course may be taken without observations for two hours credit. Daily except Sat., 9. Observation hours to be arranged. Professor FREEMAN.

Concepts of intelligence; individual and group tests of intelligence; principles underlying their construction and interpretation; use of tests in schools, in the armed services, and in other fields. Lectures, readings, and observations of individual testing.

S 12. **Psychology of Exceptional Children.** Graduate; with the consent of the instructor, qualified undergraduates may be admitted; credit two hours. Daily except Sat., 11. Professor FREEMAN.

Designed to give a scientific understanding of children who deviate from the usual: the gifted, the feeble-minded, the delinquent, those having special abilities or disabilities, those having personality defects, and those having sensory and physical handicaps. Lectures, reading, and case studies. Students who have not had or are not now taking a course in mental measurements may be admitted only with approval of the instructor.

*S12a. **Psychology of Exceptional Children.** Daily except Sat., 8, and other hours to be arranged. Two-week unit course for supervisors of attendance, July 31-August 12. Professor FREEMAN.

Admission upon application to the Director of the School of Education before July 22. Will not be offered unless there is an advance registration of at least ten persons by that date.

An intensive course covering the essentials of course S 12.

S 28. **Introduction to Educational and Vocational Guidance.** Undergraduate and graduate; credit two hours. Daily except Sat., 11. Mr. PALMER.

This is an information course. It is designed to familiarize students with: (1) the history, principles, purpose, and place of guidance in educational systems; (2) methods of collecting, classifying, indexing, and filing information on educational, occupational,

and community resources available for a guidance program; (3) placement procedures and employment supervision.

S 34. **Counseling Methods.** Undergraduate and graduate; credit two hours. Daily except Sat., 9. Mr. PALMER.

Techniques for collecting, integrating, and utilizing information about the individual.

A 119. **Personnel Administration.** Graduate; credit two hours. Daily except Sat., 10. Professor WINSOR.

A study of the problems of human management and industrial relations in business and industry. The principles and methods of recruitment, selection, placement, maintenance, organization, and government of employees are considered from the point of view of the personnel director and the guidance counselor.

A 215. **Psychology of Adolescence.** Undergraduate and graduate; credit two hours. Daily except Sat., 2. Dr. WOODRUFF.

A study of behavior during the adolescent stage of development.

A 217. **Use and Interpretation of Tests in Guidance.** Graduate; credit two hours. Daily except Sat., 8. Professor WINSOR.

This course deals with the development, use, interpretation, and significance of psychological measuring devices as a basis for analyzing the capacities, interests, and abilities of individuals seeking vocational guidance. A course in measurement is prerequisite.

S 251. **Educational Measurement.** Graduate; credit two hours. Daily except Sat., 8. Assistant Professor BAYNE.

The use and interpretation of tests by teachers and school officers as aids in the improvement of instruction.

EDUCATION FOR TEACHERS OF ENGLISH

A 33. **The Teaching of English in Secondary Schools.** Undergraduate and graduate; credit two hours. Daily except Sat., 11. Dr. GROMMON.

Purposes and responsibilities of the teacher of English during time of war. Construction of units and lesson plans. Objectives and activities in teaching literature, grammar, and oral and written expression. The teaching of reading.

A 33a. **Seminar in Problems of Teaching English in Secondary Schools.** For experienced teachers who have had a course in special methods; credit two hours. Daily except Sat., 12. Dr. GROMMON.

The purpose of this seminar is to offer assistance to experienced teachers who wish to work intensively upon some particular problem pertaining to the teaching of English in the secondary school.

ELEMENTARY EDUCATION

S 224. **Methods and Materials of Instruction in the Elementary School.** Graduate; credit two hours. Daily except Sat., 9. Mr. PAINTER.

Designed for supervisors, elementary school principals, and superintendents. A consideration of important research studies which have a direct bearing upon the teaching and supervisory problems of the elementary school.

S 227. **Seminar in Elementary Education.** Graduate; credit two hours. Daily except Sat., 10. Mr. PAINTER.

Designed for students preparing for teaching or supervisory positions covering the elementary grades. A consideration of recent research comparing the purposes, methods and effectiveness of the activity program with the traditional elementary school pro-

gram. Also a consideration of present and future needs of the elementary school curriculum. Opportunity will be given for students to work on individual plans or problems.

HOME ECONOMICS EDUCATION

*A 236b. **Home Economics Workshop in the Teaching of Food, Nutrition, Clothing and Textiles in Wartime.** Undergraduate and graduate; credit three hours (one hour in education; two in home economics). Daily except Sat., July 3-21. First meeting, July 4 at 9. Hours to be arranged.

Creative Teaching, Miss HASTIE, Coordinator; Food and Nutrition, Assistant Professor DUDGEON; Clothing and Textiles, Associate Professor SMITH.

Open to experienced teachers and to graduate students without teaching experience. Attention will be focused upon the educational significance of social and economic changes and recent developments in education.

Through the cooperation of specialists in the fields of education, food and nutrition and clothing and textiles, the workshop will be developed to meet the needs of the students. Each student will select either foods and nutrition or clothing and textiles as her field of concentration. In consultation with the coordinator each student will set up one or more problems of special importance in her own teaching situation and throughout the three weeks will work on these problems under the guidance of the instructors.

Facilities will be available to those who wish to prepare illustrative materials, assemble reference and source materials, improve techniques and skills in connection with specific projects. The instructional materials and teaching procedures used in the workshop will be considered in relation to their adaptation to the work with in-school and out-of-school youth and adults.

Fee, \$2. Additional fees will depend upon the cost of materials necessary for the various projects selected.

The course will be limited in number. Registrations must be made not later than May 30. Make applications to Miss CORA E. BINZEL, Stone Hall, Cornell University. Letters will go to all registrants suggesting materials students may wish to bring.

A 248. **Preparation of Teachers of Home Economics for Secondary Schools.** Graduate; credit two hours. Daily except Sat., 10. Professor BINZEL.

Planned for cooperating teachers participating in teacher education programs and for experienced teachers who desire to prepare for positions in the field of teacher education.

The course deals with the nature, purpose, organization, and administration of student teaching; the functions of the cooperating teachers; induction of student teachers into the total school program and into community activities; critical analysis and appraisal of directed observations, participation, and teaching; cooperating teacher and student teacher conferences; instructional materials for courses in directed teaching. Students are advised to bring with them materials for appraisal and revision, such as observation guides, criteria used in continuous appraisal of the student teacher's performance; student-teacher manuals. Fee, \$2.

*A 276c. **Workshop in Home Economics Education.** Graduate; credit three hours. July 3-21. First meeting, July 4 at 9. Hours to be arranged. Assistant Professor HUTCHINS and Miss LAWSON.

The workshop will provide an opportunity for experienced teachers and supervisors to work on curriculum projects under supervision. Discussions, individual conferences and laboratory work on curriculum analysis and construction will be carried on. Since enrollment in the workshop will be limited, application should be made to the instructor

as early as possible. Each student is encouraged to correspond regarding the project she wishes to undertake. Fee, \$2.

INDUSTRIAL EDUCATION

*S 143c. **Special Methods in Industrial and Technical Education.** Undergraduate and graduate; credit two hours. Daily except Sat., 9-12. July 17-July 28. Mr. GRAY. Special methods applicable to teaching technical and related technical subjects in drawing, shop, laboratory, and classroom.

*A 143d. **Industrial Education Curriculum and Technological Change.** Undergraduate and graduate; credit two hours. Daily except Sat., 9-12. July 3-July 14. Mr. WALLENDORF.

This course deals with the effects of technological changes in industry on the curriculums of industrial and technical schools. Specialists in such fields as textiles, plastics, aviation, electronics, metal processing, and the building industry will discuss recent developments in their respective fields, and the changes needed in curriculums to meet the changing industrial patterns.

*A 243. **Administration of Industrial and Technical Education.** Graduate; credit two hours. Daily except Sat., 9-12. July 3-July 14. Professor EMERSON.

A course in school administration dealing with the responsibilities of the principal and administrative assistants in industrial and technical high schools, and technical institutes, and of the city director of vocational education.

*S 243a. **Supervision of Industrial and Technical Education.** Graduate; credit two hours. Daily except Sat., 9-12. July 31-August 11. Mr. GRAY.

Principles and practices in the improvement of instruction in all phases of industrial and technical high school courses.

*A 243b. **Seminar in Technical Institute Education.** Graduate; credit two hours. Daily except Sat., 9-12. July 17-July 28. Professor EMERSON.

Deals with the development of technical institutes in America, vocational-technical programs in junior colleges, the needs of industry for technician training, program planning in the technical institute field, and with various aspects of technical institute organization and operation.

*A 267d. **Post-War Planning of Vocational-Industrial Programs.** Graduate; credit two hours. Daily except Sat., 9-12. July 31-August 11. Mr. KULP.

A course for educational administrators concerned with the development of vocational-industrial and vocational-technical programs. Various representatives from the State Education Department will discuss special aspects of post-war planning, including general industrial schools, apprentice training, evening schools, technical high schools, industrial high schools, industrial programs for girls and women, and technical institutes. It will be under the direction of a coordinator.

SPECIAL COURSES

In addition to the regular courses offered in Industrial and Technical Education described above, two special two-week courses will be offered under the auspices of the Bureau of Industrial and Technical Education of the New York State Education Department. Registrants in these courses will pay a registration fee of \$2 for each course, but no tuition fee. Each course will provide the amount of work usually covered in a two-semester-hour course of graduate level. Successful completion of each course will be accepted by the State Education Department for two hours of credit toward appropriate licenses. Registrants who wish to secure credit toward the degree M.S. in Educa-

tion for these courses must be admitted to the Graduate School and pay the usual Graduate School matriculation fee before registering for them. The courses are as follows:

***X-1. Industrial Employment Trends in New York State.** Daily except Sat., 9-12. July 31-Aug. 11. Mr. ARMSTRONG.

A study of industrial patterns in New York State, employment characteristics in various industries, effects of the war production program on these industries, trends with respect to employment of workers, and implications for industrial and technical training programs.

***X-2. Organization, Administration and Supervision of In-Plant Rehabilitation Programs.** Daily except Sat., 9-12. July 17-July 28. Mr. KLITGORD.

Designed to help the industrial teacher and administrator in dealing with the training of handicapped persons. Deals with occupations suitable for persons with various handicaps, mental and physical aspects of rehabilitation training, and the organization and operation of rehabilitation training programs.

NATURE STUDY AND SCIENCE EDUCATION

***A 106. Outdoor Living.** Undergraduate; credit two hours. Daily except Sat., July 3-21, 2-5, with two overnight trips. Fernow 8. Professor PALMER and Miss GORDON. Advanced registration should be made by June 15.

A study of outdoor living, with practice in understanding the terrain, methods of camping and hiking, primitive means of survival. Laboratory fee, \$5.

S 127. Visual and Auditory Aids in Teaching. Undergraduate and graduate; credit two hours for lectures or three hours for lecture and laboratory. Daily except Sat., 8. Two laboratory periods to be arranged. Fernow 8. Assistant Professor JOHNSON.

A study of methods for preparing visual and other aids to instruction, together with a study of techniques for using such ideas effectively.

***A 205. The Teaching of Conservation.** Undergraduate and graduate; credit two hours. Daily except Saturday, July 24-August 12. 2-5. Fernow 8. Professor PALMER. Advanced registration should be made by June 15.

Consideration of the principles, materials, and methods of conservation education useful to teachers, and others engaged in teaching of the wise use of the resources of the nation, particularly in the present emergency.

SOCIAL STUDIES EDUCATION

Cornell University Workshop for Social Studies Teachers in New York State. The following seminars, S 230a and S 230b, constitute a Workshop for the purpose of helping social studies teachers in New York State prepare courses of study in World History and in American History and Problems, which meet the specifications outlined by the State Education Department. Participants may elect one course outside this Workshop, and should consider the courses offered by the History Department and other social science divisions. The afternoons are free so that participants may arrange group discussions and other request meetings, and work on individual and group projects. Participants will have the exclusive use of a large and well-equipped curriculum laboratory and will have an opportunity to consult with specialists in content and methods, selected from the University and from other institutions, in developing their materials. Those desiring admission to this Workshop should address Professor HOWARD R. ANDERSON, Director, Boardman Hall, Cornell University, Ithaca, N. Y.

All participants will enroll in one or both of the following courses:

Ed. S 230a. **Seminar in Social Studies Education: The Preparation of Instructional Materials in World History.** Graduate; credit three or four hours. Daily except Sat., 8. Miss HAINES and Professor ANDERSON.

Ed. S 230b. **Seminar in Social Studies Education: The Preparation of Instructional Materials in American History and Problems.** Graduate; credit three or four hours. Daily except Sat., 9. Miss HAINES and Professor ANDERSON.

Cornell University Workshop on Latin America, the Far East, and the British Commonwealth of Nations. By attending this Workshop social studies teachers will have the opportunity to acquire a background of knowledge in one or more special fields, and to develop instructional materials which relate these commonly neglected fields to courses which are established in the schools. Participants in this Workshop may take one or two of the history courses listed below and the one course in education. The afternoons are free so that participants may arrange forums and other group meetings, and work on individual and group projects. Each staff member has scheduled one hour for individual conferences daily. At least six visiting consultants, who are authorities in the special fields, will visit the Workshop and will be available for individual and group conferences. In requesting admission to this Workshop address Professor Howard Anderson, Director, Boardman Hall, Cornell University, Ithaca, N. Y. The following courses are sponsored by the Workshop:

History S 9. **British Empire and Commonwealth.**

History S 30. **Recent History of the Far East**

History S 70. **History of Latin America**

Ed. S 230c. **Seminar in Social Studies Education; The Preparation of Instructional Materials.** Graduate; credit two or four hours. Daily except Sat., 10. Professor ANDERSON.

RESEARCH

B 300. **Research.** Graduate; credit as arranged. Members of the staff of the School of Education.

Students working on theses or other research projects may register for this course. The staff members concerned must be consulted before registration.

ENGLISH

S 23. **Introduction to the Drama.** Undergraduate and graduate; credit two hours. Daily except Sat., 11. Associate Professor MYERS.

An introduction to the drama as a form of literature, and to the distinguishing qualities of tragedy, comedy, melodrama, and farce. Reading of representative classical and modern plays.

S 39a. **American Literature to the Civil War.** Undergraduate and graduate; credit two hours. Daily except Sat., 8. Professor THOMPSON.

A study of literary and democratic ideals reflected in the writings of Irving, Bryant, Cooper, Poe, Emerson, Thoreau, Hawthorne, Melville, Whittier, Longfellow, Holmes, and Lowell. Text: Quinn, Baugh, and Howe, *The Literature of America*, Vol. I.

S 45b. **Elizabethan Drama.** Undergraduate and graduate; credit two hours. Daily except Sat., 11. Associate Professor NUNGEZER.

The erection of permanent playhouses; the contemporaries and successors of Shakespeare; the suppression of acting.

S 48. **Modern Drama.** Undergraduate and graduate; credit two hours. Daily except Sat., 12. Associate Professor MYERS.

A study of modern English, Continental, and American plays. Reading at the rate of three plays a week.

S 54. **Recent American Poetry.** Undergraduate and graduate; credit two hours. Daily except Sat., 10. Associate Professor FRENCH.

A study of American poets of this century: Robinson, Frost, Sandburg, MacLeish, Eliot, and others.

S 58. **American Folk-Literature.** Undergraduate and graduate; credit two hours. Daily except Sat., 9. Professor THOMPSON.

Study of traditional tales, ballads, proverbs, and folk-beliefs of whites, Negroes, and Indians. Emphasis upon ballads, which will be sung, and upon methods of collecting and classifying folklore. Texts: Thompson, *Body, Boots and Britches*, and Sandburg, *The American Songbag*. No technical knowledge of music is required.

S 60b. **Chaucer.** Undergraduate and graduate; credit two hours. Daily except Sat., 12. Associate Professor FRENCH.

A course to acquaint students without previous training in Middle English with some of the best of the Canterbury Tales.

S 61b. **Shakespeare.** Undergraduate and graduate; credit two hours. Daily except Sat., 9. Associate Professor NUNGEZER.

A study of the dramatic art of Shakespeare as illustrated by *Hamlet*, *Macbeth*, *King Lear*, and *Antony and Cleopatra*; with supplementary readings.

S 82. **The English Language.** Undergraduate and graduate; credit two hours. Daily except Sat., 10. Professor MONROE.

A study of significant features in the growth and development of the mother tongue; language and grammar in general; some misconceptions about the life of language; the relationships of English; idiom; the English vocabulary; inflections; native resources and foreign influences; the bearing of historical grammar on present forms and usages, spoken and written.

Baugh's *History of the English Language* is used as a basis for recitations, lectures, and collateral reading. The course does not require previous knowledge of Old or Middle English. Extra work is required for credit in the Graduate School.

ADDITIONAL COURSES FOR TEACHERS OF ENGLISH

Education S 33. **The Teaching of English in Secondary Schools.**

Education S 33a. **Seminar in Problems of Teaching English in Secondary Schools.**

ENTOMOLOGY

A 41. **Elementary Economic Entomology.** Undergraduate and graduate; credit three hours. Lectures, daily except Sat., 10. Practical exercises, T Th, 1:40-4 and Sat., 8-10:30. Professor READIO.

Includes lectures, conferences, and discussions on the life histories and habits of injurious insects, together with methods of control. The practical exercises include a study of the more important insecticides and of as many of the common pests as time permits. There will be a number of field trips. Laboratory fee, \$2.

A 52. **Medical Entomology.** Undergraduate and graduate; credit three hours. Prerequisite, Biology 1 or Zoology 1 or an equivalent. Lectures, daily except Sat., 9. Practical exercises, M W F, 2-5. Professor MATHESON.

This course will include lectures and demonstrations on those insects which attack man, are the causative agents of human diseases, or act as transmitting agents of human

and animal diseases. The laboratory work will consist of study and identification of insects that affect man or act as causative agents of disease or as transmitters of disease producing organisms of man and animals. Text required will be announced at the beginning of the course. Laboratory fee, \$4.

A 300. Research in Entomology. Credit one to three hours. Laboratory fee and hours to be arranged. Professor MATHESON and Professor READIO. Prerequisite, permission to register from the professor under whom the work is to be taken.

FINE ARTS

S 1a. History of Painting and Sculpture. Undergraduate; credit two hours. Daily except Sat., 10. Associate Professor WAAGÉ.

The development of pictorial and sculptural forms and styles to meet the varying needs of human culture from the Old Stone Age to the Renaissance.

FORESTRY

***A 40. Pioneering and Woodcraft.** No credit. **July 10-21.** Field periods, M W F 2-4:30. Professor COPE. Registration with instructor in charge, by July 8.

Each student is required to provide a hand axe and stout pocket knife. The course which consists entirely of field work is designed to familiarize the students with the use of native material in fire making, cooking, camping, pioneering and outdoor living. Text provided by instructor will serve as a basis for course. No laboratory fees will be assessed but food provided will be charged for at cost.

FRENCH

S 4b. Modern and Contemporary Readings. Undergraduate; credit two hours. Prerequisite, French 4a or 6a or fourth-year entrance French. Daily except Sat., 9. Associate Professor RIDEOUT.

Designed to inculcate an extensive and exact reading knowledge of the language.

S 5a. Written and Spoken French. Undergraduate; credit two hours. Prerequisite, French 3a or third-year entrance French. Daily except Sat., 11. Associate Professor RIDEOUT.

Rapid review of grammar, practice in elementary composition, and oral exercise.

S 9. Advanced Written and Spoken French. Undergraduate and graduate; credit two hours. Prerequisite, French 5 or its equivalent. Daily except Sat., 12. Associate Professor RIDEOUT.

Since the material is changed each year, the course may be taken for credit by those who have elected it before. Designed especially for teachers and prospective teachers. Translation into French; discussion of important points of syntax; review of French civilization; theme writing and oral exercise. Especially recommended to candidates for the examination for the approval of Oral Credit in New York State. The course is conducted in French.

GENETICS

A 101. General Genetics. Undergraduate and graduate; credit four hours. Prerequisite, a course in botany, zoology, or biology. Lectures, daily except Sat., 9. Laboratory, M W F 10-12:30. One conference period, to be arranged. Assistant Professor CUSHING.

A general study of the fundamental principles of genetics. Discussion of simple cases of inheritance, gene interaction, gene linkage, inheritance of quantitative characters, inheritance of sex, effects of inbreeding and crossing, the origin of heritable variation,

gene action, and the relation of genetical principles to eugenics. Laboratory studies of hybrid material in plants and animals and breeding experiments with *Drosophila*. Laboratory fee, \$3.

GERMAN

S 1. Beginning German. Undergraduate; credit four to six hours. Twice daily except Sat., 8 and 12. Those taking the course for six hours credit will have the opportunity to take additional oral work with native tutors. Associate Professor LANGE.

Both the four and the six-hour course will be taught by the intensive method recently developed and will stress especially skill in speaking and reading, although grammar will not be neglected. Even those who have a basic knowledge of grammar and who wish to develop further proficiency in the spoken language will profit from the course.

For assignment to sections, consult Associate Professor LANGE in advance or on registration day.

S 5. German Poetry from Goethe to the Present. Undergraduate and graduate; credit two hours. Daily except Sat., 9. Associate Professor LANGE.

Lectures, discussions, and assigned readings dealing with the major poets of the 19th and 20th centuries.

HEALTH EDUCATION

S 1. Mental Hygiene. Undergraduate and graduate; credit two hours. Daily except Sat., 9. Dr. STELLE.

The human being considered as a psychobiologic unit in a complex environment. Discussion of (1) general personality structure, (2) maladjustment factors functioning at different ages from infancy through life, (3) the more common maladjustment symptoms and mental illnesses and their prevention.

HISTORY

S 9. The British Empire and Commonwealth. Undergraduate and graduate; credit two hours. Daily except Sat., 9. Professor MARCHAM.

This course will deal with the role of the British peoples in recent world affairs. Special attention will be given to the government, economic activities, and geography of Great Britain, Canada, and Australia as they relate to the problems and policies of the United States.

S 14. Special Topics in American Social and Economic History. Primarily for upperclassmen and graduates; credit two hours. Daily except Sat., 9. Instructor to be announced later.

S 15. American History, 1783 to 1850. Undergraduate and graduate; credit two hours. Daily except Sat., 11. Instructor to be announced later.

A general survey of the political, economic, and social growth of the United States from the Revolution to the Compromise of 1850.

S 30. Recent History of the Far East. Undergraduate and graduate; credit two hours. Daily except Sat., 8. Associate Professor BIGGERSTAFF.

A study of the political, social, and economic background of international relations in Eastern Asia.

S 46. Recent European History, 1900 to 1939. Undergraduate and graduate; credit two hours. Daily except Sat., 10. Associate Professor GERHARD.

A general survey of the political, economic, and social history of Europe from the beginning of the century to the outbreak of the present world conflict.

S 48. Central and Eastern Europe in the Period of the French Revolution and of the National Awakening. Primarily for upperclassmen and graduates; credit two hours. Daily except Sat., 12. Associate Professor GERHARD.

The period from the end of the 18th to the middle of the 19th century will be covered. The influence of the French Revolution, of the Napoleonic Wars, and of the literary movement of the whole area will be traced, with special emphasis on Austria-Hungary and Russia. The course will lead up to the Revolution of 1848 and its implications and to the Russian reforms of the 1860's.

S 70. Latin America since 1826. Undergraduate and graduate; credit two hours. Daily except Sat., 11. Professor HARRINGTON.

The social, economic, and political evolution of the Latin American countries since the winning of their independence.

Workshop on Latin America, the British Commonwealth of Nations, and the Far East. The purpose of the Workshop is to help a limited number of specially qualified student participants to develop instructional material in the three fields to meet the needs of pupils at various levels. Admission to the Workshop is limited and application for admission to it should be addressed to Professor HOWARD R. ANDERSON, Boardman Hall, Cornell University.

HOME ECONOMICS

The courses in the Summer Session of the New York State College of Home Economics are planned primarily to meet the needs of teachers, extension workers, social workers, and others who are responsible for education in homemaking. All courses emphasize current problems that have grown out of war conditions and that are affecting all families.

Applications for registration in specific courses should be made to the instructor concerned by May 15, if possible.

HOUSEHOLD ART

E 135. Projects in Home Furnishings. Graduate; credit two or three hours. Lectures, discussions, and laboratory, T Th, 2-5. For three hours credit, an additional laboratory period is to be arranged. Professor ROMAN and assistant.

The planning will be for simple home improvements in which all members of the family may participate. The demonstrations and practice will include remodeling, repair and refinishing of old furniture, work with simple tools in improving storage facilities in the home, and use of fabrics for the lower income group of homes.

Students will be given help in improving their own living quarters at small cost, whether they live in a house, small apartment, or rented room. Teachers will be helped to accumulate illustrative materials for their work. Estimated cost of materials, \$5. Fee, \$2.50 a credit hour.

FOOD AND NUTRITION

E 345. Family and Community Problems in Nutrition. Graduate; credit two or three hours. Prerequisite, knowledge of elementary nutrition and meal planning. Registration by permission of the instructor. For two hours credit, daily except Sat., 9; for three hours credit, also W, 1:30-4. Assistant Professor HATHAWAY.

Consideration of general problems in nutrition; evaluation of nutritional status of school children; analysis of food habits of individuals, families, and communities and methods of improving them; food shortages and rationing, and their effect on the planning of meals; the importance of the noon lunch, with analysis of various types—

box-lunch, hot-plate lunch, quick home lunch; preparation of adequate meals, satisfying to the family in taste and appearance, but easy for the busy homemaker to prepare. Attention will be given to individual problems directly related to the needs in the students' own communities. Fee \$1; if course is taken for three hours credit, an additional fee to be determined by the problem.

WORKSHOP

*A 236b. **Home Economics Workshop in the Teaching of Food and Nutrition and Clothing and Textiles in Wartime.** July 3-21. This course will require full-time of students. Undergraduate and graduate. Credit three hours; one hour, education; two, home economics. Daily except Saturday. First meeting, July 4 at 9. Hours to be arranged.

Creative Teaching, Miss HASTIE, Coordinator; Food and Nutrition, Assistant Professor DUDGEON; Clothing and Textiles, Associate Professor SMITH.

Open to experienced teachers and to graduate students without teaching experience. Attention will be focused upon the educational significance of social and economic changes and recent developments in education.

Through the cooperation of specialists in the fields of education, food and nutrition, and clothing and textiles, the workshop will be developed to meet the needs of the students. Each student will select either food and nutrition or clothing and textiles as her field of concentration. In consultation with the coordinator each student will set up one or more problems of special importance in her own teaching situation and throughout the three weeks will work on these problems under the guidance of the instructors.

Facilities will be available to those who wish to prepare illustrative materials, assemble reference and source materials, improve techniques and skills in connection with specific projects. The instructional materials and teaching procedures used in the workshop will be considered in relation to their adaptation to the work with in-school and out-of-school youth and adults.

Fee, \$2. Additional fees will depend upon the cost of materials necessary for the various projects selected.

The course will be limited in number. Registrations must be made not later than May 30. Make application to Miss CORA E. BINZEL, Stone Hall, Cornell University. Letters will go to all registrants suggesting materials students may wish to bring.

RELATED COURSES IN EDUCATION

A 248. **Preparation of Teachers of Home Economics for Secondary Schools.** Graduate; credit two hours. Daily except Sat., 10. Professor BINZEL.

Planned for cooperating teachers participating in teacher education programs and for experienced teachers who desire to prepare for positions in the field of teacher education.

The course deals with the nature, purpose, organization, and administration of student teaching; the functions of the cooperating teacher; induction of student teachers into the total school program and into community activities; critical analysis and appraisal of directed observations, participation, and teaching; cooperating teacher and student teacher conferences; instructional materials for courses in directed teaching. Students are advised to bring with them materials for appraisal and revision, such as observation guides, criteria used in continuous appraisal of the student teacher's performance; student-teacher manuals. Fee, \$2.

A 276c. **Workshop in Home Economics Education.** July 3-21. Graduate; credit three hours. This course will require full time of students. First meeting, July 4 at 9. Hours to be arranged. Assistant Professor HUTCHINS and Miss LAWSON.

The workshop will provide an opportunity for experienced teachers and supervisors to work on curriculum projects under supervision. Discussions, individual conferences and laboratory work on curriculum analysis and construction will be carried on. Since enrollment in the workshop will be limited, application should be made to the instructor as early as possible. Each student is encouraged to correspond regarding the project she wishes to undertake. Fee, \$2.

HOTEL ADMINISTRATION

In 1922 Cornell University established, with the cooperation and financial assistance of the American Hotel Association, a four-year course in Hotel Administration for high school graduates desiring to enter the administrative departments of the hotel business. Many hotel proprietors and managers, who have been unable to take a four-year university course, have asked for shorter courses with less formal entrance requirements.

To meet this demand, all Summer Session work in Hotel Administration is given in unit courses, one to three weeks in length. A circular giving full details of these courses has been issued and will be sent upon request. For this circular, for other information about the work in this department, **and for admission to these courses**, address Professor H. B. MEEK, Martha Van Rensselaer Hall, Cornell University, Ithaca, N. Y.

The first unit courses in this department begin on June 26. All courses are offered at the undergraduate level. Since these courses are planned chiefly as refresher courses and are not designed to integrate with any program looking toward a degree, academic credit is not ordinarily granted for them. Students who have met the regular admission requirements may, however, receive credit towards the bachelor's degree if they indicate at the time of registration their intention to work for such credit and secure approval thereof.

REQUIREMENTS FOR ADMISSION

Anyone employed in hotel work is eligible for admission. Prospective students will be required to present evidence of good character, of sincerity of purpose, and of interest in hotel work. It is distinctly to the advantage of prospective students to file applications early, in any event not later than June 15.

COURSES OF INSTRUCTION

H 11. **Hotel Operation.** Credit two hours. H 15. **Public Relations.** Credit one hour. H 18. **Personnel Management.** Credit one hour. H 22. **Quantity Food Preparation.** Credit two hours. H 25. **Hotel Stewarding.** Credit one hour. H 26. **Hotel Menu Planning.** Credit one hour. H 32. **Hotel Accounting.** Credit three hours.

H 33. **Interpretation of Financial Statements.** Credit one hour. H 36. **Food Control.** Credit one hour. H 39. **Problems in Hotel Accounting.** Credit one to three hours. H 71. **Hotel Housekeeping.** Credit one hour. H 81. **Hospital Operation.** Credit two hours. H 153. **Problems in Hotel Administration.** Credit one to three hours.

LATIN

The work of the six-week Summer Session in the field of Latin study is intended primarily for actual and prospective teachers of the subject in the secondary schools.

A series of advanced courses is offered for those who by their undergraduate training are qualified to enter the Graduate School, or to continue their work therein, as candidates for the degree Master of Arts. Those teachers who by previous training and experience are similarly prepared to pursue courses in Latin on a graduate level will be admitted to the work of the Summer Session without registration in the Graduate School.

Prospective students in the 1944 Summer Session are invited to correspond with Professor HARRY CAPLAN, Goldwin Smith Hall, Ithaca, N. Y., concerning the nature and the scope of the work in Latin. Those who wish to begin their candidacy for the degree of Master of Arts should forward to the office of the Graduate School, on or before June 1, such credentials of undergraduate work leading to the degree of A.B. as will entitle them to admission to the Graduate School.

S 1. Teachers' Course. Graduate; credit two hours. Daily except Sat., 10. Professor CAPLAN.

Ethnical, political, and historiographical background of Caesar's *De Bello Gallico*. For teachers of high school Latin and graduate students.

S 2. Roman Stoicism. Undergraduate and graduate; credit two hours. Daily except Sat., 11. Professor CAPLAN.

Readings in Cicero and Seneca. In connection with Seneca attention will be paid to his influence upon English Literature.

S 4. Theses and Informal Work. Graduate; credit by arrangement; total credit for thesis will not exceed six hours. Professor CAPLAN.

Direction in the preparation of theses by candidates for the Master's degree, and in the investigation of special problems which arise in connection with the work of the individual teacher.

MATHEMATICS

S 15. Trigonometry. Undergraduate; credit three hours. Daily, 9. Instructor to be announced later.

METEOROLOGY

A 1a. Meteorology. Undergraduate and graduate; credit two hours. Lectures and discussions. Daily except Sat., 10. Professor MORDOFF.

This course is adapted to the needs of teachers and students in subjects of which the weather is an important factor, particularly teachers of general science, physical geography, and agriculture. It is designed to acquaint the student with the laws governing the primary and secondary circulation of the atmosphere, and with the development, progression, and conditions that attend cyclones, tornadoes, and other atmospheric phenomena. Attention is given to the principles and practice of weather forecasting from weather maps and from local observations. Students taking the course at the graduate level will be assigned additional work.

A 1b. Meteorology, Laboratory Course. Undergraduate and graduate; credit one hour. Two laboratory periods to be arranged. Must be accompanied by course A 1a. Professor MORDOFF.

The work consists in the study of the principal weather and climatic elements with the aid of maps, charts, and instruments. The various meteorological instruments will be studied, as well as the methods of taking and recording the observations. Opportunity will be given the student for making practice forecasts. Students taking the course at the graduate level will be assigned additional work.

[A 2. General Climatology. Undergraduate and graduate; credit one hour. Should be accompanied or preceded by course A 1a. Professor MORDOFF. Not given in 1944; planned for 1945.]

A 3. Aeronautical Meteorology. Undergraduate and graduate; credit one hour. Must be accompanied or preceded by courses A 1a and A 1b, or their equivalents. Lectures and discussions, three periods to be arranged. Professor MORDOFF.

This is a course planned especially for those interested in aviation. Combined with courses A 1a and A 1b, it will cover the work in meteorology as usually given in the ground school course.

A 6. Special Problems. Undergraduate and graduate; credit and hours by arrangement. Professor MORDOFF.

Special work in Meteorology and Climatology may be elected by qualified students with the permission of the instructor.

MUSIC

S 1a. Theory I. Undergraduate; credit two hours. Daily except Sat., 10. Mr. PALMER.

An elementary course in the theory of music, with no prerequisites, open to all students irrespective of their background. The course is designed to develop facility in the hearing, reading, and writing of vocal and instrumental melody. This course is recommended as a background for all other courses in music.

S 11b. The Art of Music. Undergraduate; credit two hours. Daily except Sat., 11. Professor WEAVER.

An approach to the rational understanding and enjoyment of the art of music, offered especially for students who have had no technical training in the subject. This part of the course, which has no prerequisites, is given to a study of the larger forms used in symphonic, choral and piano music.

S 21b. History of Music. Undergraduate; credit two hours. Daily except Sat., 12. Professor WEAVER.

A survey of the evolution of the art of music, with special reference to the development of musical styles from period to period. This part of the course covers the period from Bach and Handel to the present day.

S 401. Applied Music. Individual instruction in organ, piano, and voice. Credit one hour in the case of students majoring in music; for other students, no credit. Hours to be arranged. Permission to register, whether with or without credit, should be obtained from Associate Professor KUPYERS.

Individual instruction in organ is offered by Assistant Professor GORE, the University Organist; in piano by Miss JAMES; in voice by Mr. DUDLEY. Students should consult the instructor as to hours for instruction, and the Secretary of the Department of Music as to hours for practice.

The normal registration involves two half-hour lessons a week for the six weeks of the Summer Session; the fee is \$24 for organ or piano, and \$40 for voice. A term fee of \$3 is charged for a daily one-hour assignment to a piano practice room. A term fee of \$11 is charged for a daily one-hour assignment for the use of a pipe organ. All fees are payable in advance. Payment of these fees does not admit to other Summer Session classes.

S 451. Piano Master Class. Individual instruction for specially qualified advanced students of piano. Hours to be arranged. Professor EGON PETRI.

A limited number of advanced students will be accepted for this course, which will last for eight weeks, closing on August 26. Those interested should consult Professor WEAVER.

The term fee for this course is \$125. Special practice facilities will be provided at fees to be announced. Students living in the residential halls for the eight weeks of this course will be charged \$144 for board, room, and an allowance for laundry. The health and infirmity fee is \$6. Payment of these fees does not admit students to other Summer Session courses except as auditors.

Chorus. All men and women interested in singing in a chorus should meet at 4:45 p.m. on Thursday July 6 in the choir loft of the Sage Chapel, for discussion of plans and decision on a suitable schedule of rehearsals. The chorus will be conducted by Assistant Professor GORE.

Orchestra. All men and women interested in playing in an orchestra should consult Associate Professor KUYPERS on registration day in Barton Hall or immediately thereafter at his office in the *Music Building*, 320 *Wait Avenue*.

ORNITHOLOGY

A 9. **Ornithology.** Undergraduate; credit three hours. Lectures, M W F, 9. Laboratory, M W, 1:40-4:30, or M W F, 10-12. Field trips, T Th, 5:30-8 a.m. Professor A. A. ALLEN and Dr. E. G. ALLEN.

This course provides an introduction to the study of birds and familiarity with the local species. The lectures cover classification, migration, coloration, song, nest-building, eggs, care of young, methods of attracting birds, and their economic importance. The laboratory work with bird skins, nests, and eggs gives an intimate knowledge of the birds of eastern North America, their life histories and distribution, and familiarity with the use of manuals. The aim of the field work is the identification of birds by their songs and habits as well as by their plumage. Laboratory fee, \$3.

A 126. **Advance Ornithology.** Undergraduate and graduate; credit three hours. Lectures, T Th, 9. Laboratory, T Th, 1:40-4:30, and one other period by appointment. Professor A. A. ALLEN. Prerequisite, Ornithology A 9 or its equivalent. With special permission may be taken with A 9. (Students desiring this course should write Professor ALLEN for reservations.)

The structure and classification of the birds of the world; geographical distribution; the literature and institutions of ornithology; the preparation of bird skins and bird photography. Laboratory fee, \$3.

PHYSICAL EDUCATION

S 18. **Private Instruction in Tennis.** No credit. For men and women. Hours to be arranged. Mr. MURRAY. A special fee is charged, \$10 for ten-lessons.

PHYSICS

Because of other demands upon the staff of the department of Physics, it is impossible to offer the usual courses in this subject.

Teacher's Course in Physics. To meet the needs of teachers of physics, a series of intensive courses in these subjects is being arranged by the Director of the Engineering, Science, and Management War Training Programs. This course will be given in the seven-week period from June 28 to August 9, and will require the entire time of those admitted to it. Enrollees in this course will be granted free tuition, and those satisfactorily completing it will be awarded certificates. This course does not automatically provide credit toward a degree, but upon satisfactory completion of it a student may apply for such credit to the school or college concerned. All correspondence with regard to it should be addressed to Professor W. L. CONWELL, Director of ESMWT Courses, Olin Hall, Ithaca, New York.

PSYCHOLOGY

S 1. **Elementary Psychology.** Undergraduate; credit two hours. Daily except Sat., 9. Mr. BITTERMAN.

The course will be accepted as a prerequisite for subsequent courses and may be credited toward the satisfaction of the major requirement in psychology. The basic problems and principles of human psychology. The course is designed as a foundation for the study of experimental, social, animal, and child psychology, for psychotechnology and for the psychology of the abnormal. Textbook: Boring, Langfeld and Weld, *Introduction to Psychology*.

S 10. **Social Psychology.** Undergraduate and graduate; credit two hours. Daily except Sat., 11. Assistant Professor WHITE.

Motives and mechanisms operating in the psychology of large groups; propaganda, public opinion, war, nationalism, race prejudice, and class conflict.

S 15. **Abnormal Psychology.** Undergraduate and graduate; credit two hours. Daily except Sat., 8. Dr. FELDMAN.

A consideration of normal personality; minor and temporary deviations from the normal; insane and feeble-minded personalities. Methods of investigation and treatment.

S 22. **Genetic Psychology.** Undergraduate and graduate; credit two hours. Daily except Sat., 10. Dr. FELDMAN.

Man's behavioral development through infancy, childhood, adolescence, maturity, and old age. The emphasis will be upon securing a clear picture of the individual life-course and its several stages. What are the leading characteristics of each age? What is the place of each age in the life-plan as a whole? How does one stage of life prepare the way for the next? What does the study of the development of behavior contribute to general psychology?

SLAVIC

S 12. **The Teaching of Russian.** Graduate; credit two hours. Prerequisite, knowledge of Russian. Daily except Sat., 2, with one practice hour daily to be arranged. Mr. PERTZOFF and Mr. STILMAN.

A study of the content and methods of the teaching of Russian; problems in phonetics, morphology, syntax, etc.; consideration of materials; organization of courses. Opportunity for teaching practice will be provided.

S 14. **Translation from Russian.** Undergraduate and graduate; credit two hours. Prerequisite, knowledge of Russian. Daily except Sat., 3, with one conference hour daily to be arranged. Mr. PERTZOFF and Mr. STILMAN.

General principles of literary translation; study of Russian styles and analysis of translations; special problems of non-literary texts. Practical translation projects will be undertaken.

In addition to these Summer Session courses, attention is called to a twelve-week comprehensive and integrated study of the Soviet Union (July 3–September 23). The curriculum consists of five courses, two credit hours each: **The History of Russia**, Sir BERNARD PARES; **Soviet Government and Foreign Policy**, Professor FREDERICK L. SCHUMAN; **Soviet Economy, Its Theory and Practice**, Mr. VLADIMIR D. KAZAKEVICH; **Soviet Institutions and Life**, Professor ROBERT S. LYND; **Soviet Literature**, Associate Professor ERNEST J. SIMMONS.

Those interested are advised to consult or write Professor ERNEST J. SIMMONS, 133 Goldwin Smith Hall, Ithaca, New York.

These courses are supplemented by a series of eleven weekly Workshop Seminars, total credit two hours: **The Russian People and the Revolution**, Mr. ALBERT RHYNS WILLIAMS; **Soviet Music**, Mr. NICOLAS SLONIMSKY; **Soviet Art and Architecture**,

Mr. SIMON BREINES; **Soviet Medicine and Health**, Professor HENRY E. SIGERIST; **Soviet Education**, Dr. JOHN SOMERVILLE; **Soviet Science and Technology**, Professor SOLOMON LEFSCHETZ; **Soviet Industrial Development**, Mr. ERNEST C. ROPES; **Soviet Agriculture**, Dr. LAZAR VOLIN; **Soviet Jurisprudence**, Dr. JOHN N. HAZARD; **The Soviet Union and the Far East**, Miss HARRIET MOORE; **Soviet Russia and the Peace**, Mr. WILLIAM HENRY CHAMBERLIN.

SOCIOLOGY AND RURAL SOCIOLOGY

A 1. **General Sociology**. Undergraduate; credit two hours. Daily except Sat., 10. Professor ANDERSON.

The analysis and utilization of concepts and principles of sociology, with special emphasis on groups, institutions, social processes, and social change.

S 10. **The Family**. Undergraduate and graduate; credit two hours. Daily except Sat., 9. Professor WINSTON.

The development of the family as a social institution in modern society; the relation between cultural changes and changes in the family pattern; the social psychology of intrafamily relationships.

S 20. **Social Problems**. Undergraduate and graduate; credit two hours. Daily except Sat., 11. Professor ANDERSON.

Problems of conflict and disorganization in our changing society, such as crime, unemployment, insanity, social stratification, poverty, and the impact of war upon society. Institutions for relief, self-help, and social planning.

S 22. **Problems of Juvenile Delinquency**. Undergraduate and graduate; credit two hours. Daily except Sat., 8. Professor WINSTON.

A study of the various factors making for law violation and of society's methods for dealing with the juvenile delinquent.

*A 124. **Social Case Work**. Undergraduate and graduate; credit two hours. Daily except Sat., 9 and 2. A two-week unit course for supervisors of attendance, **July 17-28**. Mrs. HEUSER.

Admission upon application to the Director of the School of Education before July 8. Will not be offered unless there is an advance registration of at least ten persons by that date.

A study of case work as it has been continuously concerned with the social adjustment of individuals in problem situations. Includes an analysis of the case study, the use and development of social resources, and the principles and skills involved in practice. Class discussion will have special reference to the needs of workers in educational fields.

SPANISH

S 1. **Elementary Course**. Undergraduate; credit six hours. Twice daily except Sat., 8 and 12, and M T W Th afternoons, 2:15-3:15. Mr. MOSER.

The fundamentals of the language, oral and written. Reading of simple texts.

S 50. **Supervised Study**. Credit variable. By appointment with Professor DALE.

SPEECH AND DRAMA

Students may confer either with the departmental representatives in Barton Hall, or with individual instructors, who will be in their offices both on registration day and on the first day of instruction. For information about advanced work in Speech Training

and Phonetics, consult Professor THOMAS, Goldwin Smith 23; in Rhetoric and Public Speaking, Professor WICHELS, Goldwin Smith 237; in Drama and the Theatre, Professor DRUMMOND, Goldwin Smith, 244.

S 1. Public Speaking. Undergraduate; credit two hours. Daily except Sat., 11. Mr. CARSON.

Practice in speech-making, on topics of current interest. Methods of preparation and delivery studied in relation to practice; class discussions; conferences. Regular students passing the course are admitted to Public Speaking 2 and 12.

Enrollment will be limited; students must apply on registration day to the Departmental representatives in Barton Hall.

S 32. Phonetics and Speech Training. Undergraduate and graduate; credit two hours. Daily except Sat., 10. Associate Professor THOMAS.

A study of English phonetics, pronunciation, and the improvement of speech.

S 41. Dramatic Production. Undergraduate and graduate; credit two hours. Daily except Sat., 11. Professor DRUMMOND.

For upperclassmen and graduates. Theory of stage direction; fundamentals of theatrical mounting; survey of practical phases of production. Prerequisite for further work in Dramatic Production.

S 65. Informal-Study Seminar in Theatre Topics. Undergraduate and graduate; credit two hours. W, 2:30-4:30. Professor DRUMMOND.

For upperclassmen and graduates having sufficient preparation for somewhat advanced work in the theory of the theatre. Readings and reports.

S 90. Technical Theatre Practice. Undergraduate and graduate; credit two hours. Hours to be arranged. Prerequisite, consent of the instructor. Professor DRUMMOND.

Technical practice coordinated with the regular productions of the Summer Theatre; readings in the techniques involved.

S 95. Make-up. Undergraduate and graduate; credit two hours. T Th, 2-4. Dr. HASENPFLUG.

Laboratory in make-up coordinated with the productions of the Summer Theatre; readings and lectures on the history of make-up and of masks, and on period ornament and dressing.

S 100. Theses and Special Problems. Graduate; two or more hours. Consult Professor WICHELS. In registering for this course, the name of the professor with whom the work is to be done must be stated.

S 200. Theses and Special Problems. Graduate; credit two or more hours. Consult Professor THOMAS. In registering for this course, the name of the professor with whom the work is to be done must be stated.

S 300. Theses and Special Problems. Graduate; credit two or more hours. Consult Professor DRUMMOND. In registering for this course, the name of the professor with whom the work is to be done must be stated.

Required of regularly registered graduates working on theses. Open to other graduates prepared for the independent study of special topics in the field of drama and the theatre.

Speech Clinic. No credit. For students working under the direction of the department. Associate Professor THOMAS. By appointment.

The courses required for the degree of Master of Arts in Public Speaking and Speech Training are offered through a rotation of courses in a minimum of five summers. Candidates will take, or offer suitable equivalents for S 1, S 2, and S 10; six hours in each

of the following four divisions: Rhetoric and Public Speaking, S 14, S 20, S 21, S 22, S 28; Speech Improvement and Phonetics, S 32, S 33, S 34, S 36, S 36a, S 36b; Dramatic Production, S 41, S 42, S 44, S 45, S 48, S 66, S 68, S 90; electives in English, History, Government, Sociology, Psychology. In addition, each candidate will offer four hours in one of the three departmental divisions, and during the final summer will register in S 100 or S 200 for the writing of a thesis or extended essay.

The courses required for the degree of Master of Arts in Dramatic Production are offered through a rotation of courses in a minimum of five summers. Candidates will take, or offer suitable equivalents for S 1, S 10, S 41; in Drama and Theatre six hours from S 45, S 45a, S 48, S 66, S 68; eight hours from S 42, S 44, S 45a, S 90, S 95; in Dramatic Literature, English S 23, English S 48; in Speech Improvement and Phonetics, six hours from S 32, S 33, S 34, S 36, S 36a, S 36b; in Rhetoric and Public Speaking, four hours; and during the final summer will register in S 300 for the writing of a thesis or extended essay based on one of the advanced courses.

ZOOLOGY

A 8. Systematic Vertebrate Zoology and Ecology. Undergraduate and graduate; credit four hours. Lectures, M W T Th, 1:40-2:30. Laboratory and field work, M T W Th, 2:30-5:30. One or two all-day trips are required. Occasionally a field trip, 5:30 8 a.m. or 5-8 p.m., may be substituted for the regular periods. Professor WRIGHT.

Lectures on fishes, amphibians, reptiles, and mammals; their habits, life-histories, coloration, respiration, locomotion, reproduction, and adaptations; together with their classification, nomenclature, characters, and relationships. Laboratory study of the parts employed in the classification of these groups, with training in the identification of two hundred and forty North American species. Field work is partly to give practice in field observations and in ready identification of local vertebrates in their natural environment, and partly to introduce some ecological methods. Textbook: Jordan's *Manual of Vertebrates of the Northeastern United States*, new edition. Laboratory fee, \$4.50.

A 112. Literature of Biology, Zoology, Ecology, Conservation, and Allied Sciences. Undergraduate and graduate; credit one hour. T W Th, 7:30 p.m. Professor WRIGHT.

The literature of zoology, ecology, limnology, oceanography, and kindred fields; fish and fisheries; amphibia, reptiles, and mammals; small and big game (commercial and sport); aquaria; herbaria; insect collections; zoological gardens, preserves; biological stations; game farms; animals in relation to recreation, settlement, forestry, agriculture, and other industries; biological resources, their exploration, conservation, utilization, and management.

OFFICERS AND FACULTY

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ANSON WRIGHT GIBSON, M.S., Acting Counselor of Students.
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M. LOVELL HULSE, Ph.D., Assistant Director of the Summer Session.

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MRS. MARY JANE REDDER WASHBURN, M.S., Assistant in Bacteriology.

RALPH KIRBY WHITE, Ph.D., Assistant Professor of Psychology.

PAUL JOHN WEAVER, B.A., Professor of Music.

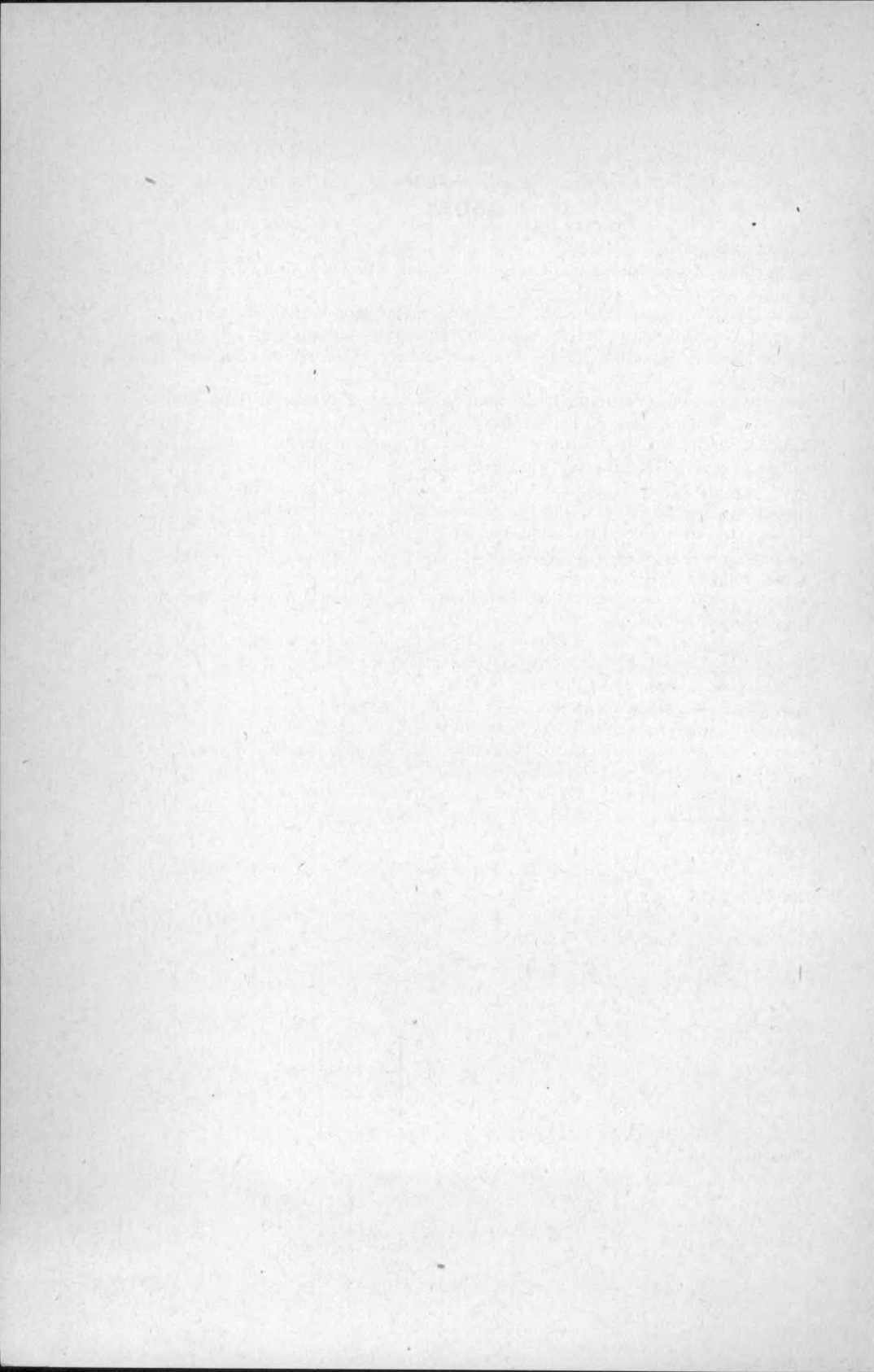
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ANDREW LEON WINSOR, Ph.D., Professor of Rural Education.

SANFORD WINSTON, Ph.D., Head, Department of Sociology, North Carolina State College of Agriculture and Engineering, Raleigh, N. C.

ASAHEL DAVIS WOODRUFF, Ph.D., Instructor in Rural Education.

ALBERT HAGEN WRIGHT, Ph.D., Professor of Zoology.



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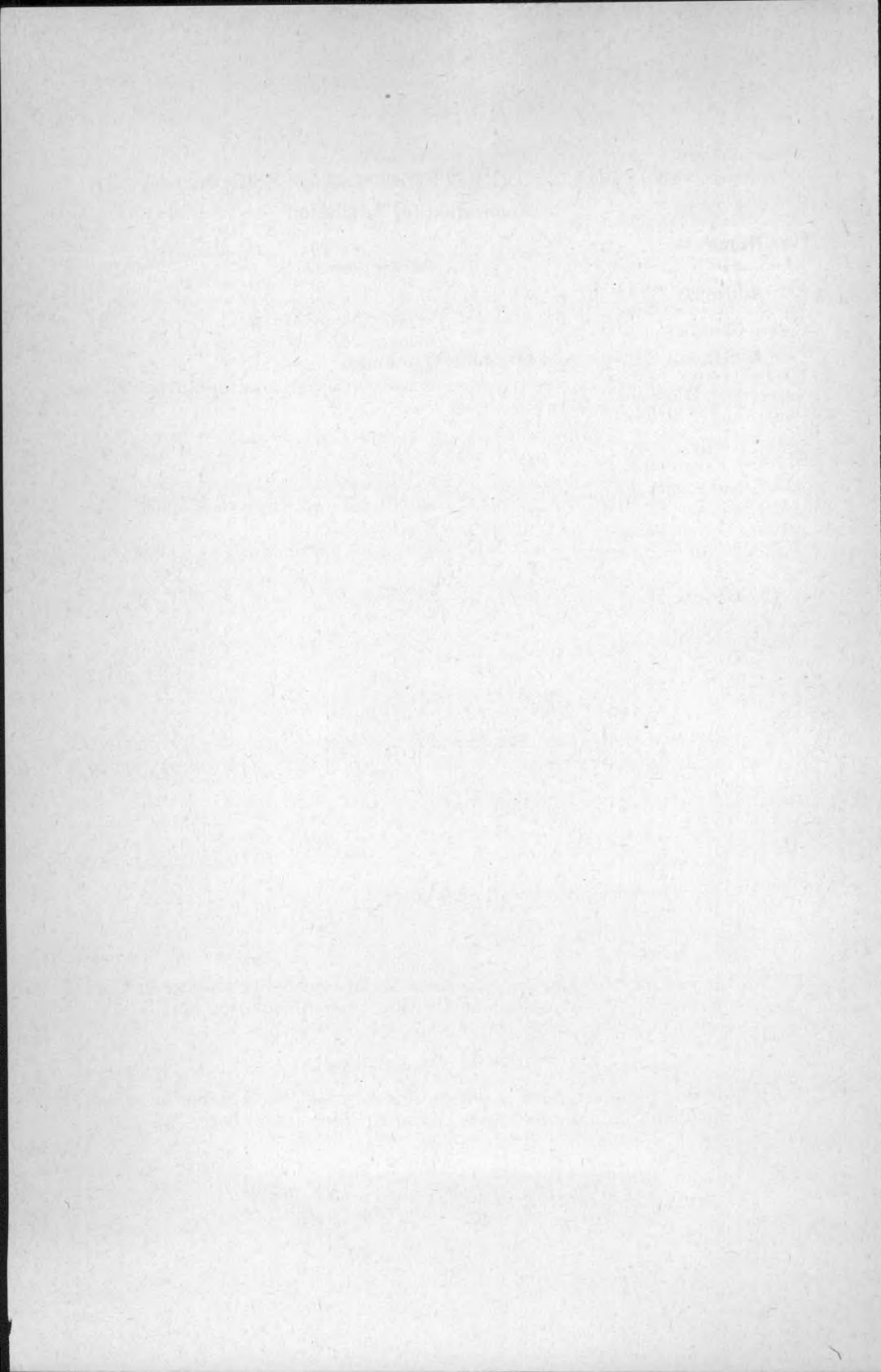
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Because the edition of this Announcement is limited, persons planning to register in the Summer Sessions are asked to bring their copies with them.



CORNELL UNIVERSITY SUMMER SESSION, 1944

Application for Admission

Name
 Family name *Full first name* *Middle Name*

Address
 Street and number *City or town* *State*

A. School, College, and Graduate Training:

Please check items to indicate your training, and fill out blanks next following the items checked.

.....Now in High School

.....
 City or town *State* *To graduate (year)*

.....High School Graduate

.....
 City or town *State* *Year of graduation*

.....Now in College or Normal School

.....
 Institution *Location* *To graduate (year)*

.....College or Normal School Graduate

.....
 Institution *Location* *Degree* *Year*

.....Now in Graduate School

.....
 Institution *Location* *Degree expected* *Year*

.....Holder of Advanced Degree

.....
 Institution *Location* *Degree or degrees, Year granted*

If you are applying for admission to any School or College of Cornell University, or of another institution, give information here.

.....
 Institution *School or college* *To enter (date)*

If you have attended a school of a sort not listed above (a technical institute, for example), give pertinent information here.

B. School Position:

If you hold a position of any kind in a school, college, or other educational institution, please check items to indicate your position and fill out blanks next following the items checked.

.....Teacher

..... <i>School</i> <i>Location</i> <i>Position and subject or grade</i>
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.....Supervisor, Principal, Superintendent, etc.

..... <i>School</i> <i>Location</i> <i>Position</i>
---------------------	-----------------------	-----------------------

.....Assistant or Instructor in Normal School or College

..... <i>Institution</i> <i>Location</i> <i>Position and subject</i>
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.....Assistant Professor, Professor, etc.

..... <i>Institution</i> <i>Location</i> <i>Position and subject</i>
--------------------------	-----------------------	-----------------------------------

.....Other School Positions

..... <i>Institution</i> <i>Location</i> <i>Position and subject</i>
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C. Other Professional, Scientific, or Business Position:

If you hold a professional, scientific, or business position and your proposed attendance at the Cornell Summer Session is connected with this position, please give details below. (Examples: librarian in public library; research chemist; landscape architect; county agricultural agent; hotel room clerk).

D. Reason for Proposed Attendance at Cornell Summer Session:

In not more than two or three sentences state your purpose in attending the Cornell Summer Session.

E. Proposed Courses:

Mail this application to the Director of the Summer Session, Cornell University, Ithaca, N. Y.