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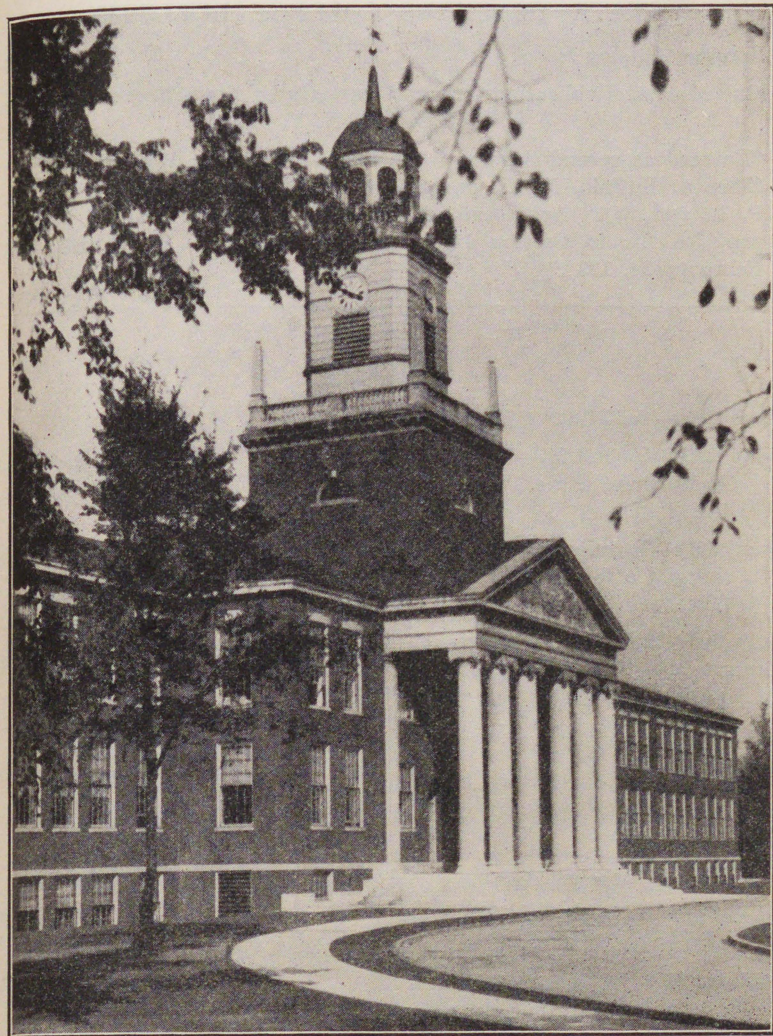
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STATE TEACHERS COLLEGE

BULLETIN

BUFFALO, NEW YORK

SUMMER CATALOG ISSUE



TWENTY-SIXTH SUMMER SESSION

June Twenty-ninth to August Seventh

Nineteen Forty-two

STATE TEACHERS COLLEGE BULLETIN

Summer Catalog Issue

Vol. X, No. 3

One of Four Publications Issued Quarterly by State Teachers College of Buffalo, N. Y.

"Entered as second-class mail matter, November 3, 1932, at the Post Office at Buffalo, N. Y., under the Act of March 3, 1879 (Sec. 397, P. L. and R.). Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized February 24, 1931."

CALENDAR

June 29th—8:30-9:00 A.M.—Faculty Meeting.

June 29th—9:00 A.M.—General Meeting and instruction for registration, Auditorium, State Teachers College, Buffalo. Registration closes at 4:00 P.M.

June 30th—Regular classwork begins. A late registration fee will be charged after this date. Late registrants will report to Registrar's Office.

July 3rd—Last day for admission to classes for credit.

August 7th—Summer Session closes at 3:15 P.M.

SUMMER SCHOOL FACULTY

1942

- Harry W. Rockwell.....President
President, State Teachers College, Buffalo
- Charles C. Root.....Director of Summer Session
Professor of Education, State Teachers College, Buffalo
- Robert E. Albright.....Sociology
Professor of Sociology and Director of Extension,
State Teachers College, Buffalo
- Grace Allen.....Education
Assistant Director of Training, State Teachers College, Buffalo
- Sam Bahlin.....Lecturer in Orthopedics
Division of Rehabilitation, State Education Department, Albany
- Orpah Cable.....Lecturer in Orthopedics
Physiotherapist, Crippled Children's Guild, Buffalo
- Matie M. Carter.....Sight Conservation Education
Supervisor, Sight Saving Classes, New York State
Education Department, Albany, N. Y.
- Robert M. Cleary, M.D.....Lecturer on Orthopedics
Orthopedic Surgeon, Buffalo
- Harold C. Crain.....English and Literature
Instructor in English, State Teachers College, Buffalo
- Sherman G. Crayton.....Special Class Education
Professor of Education, State Teachers College, Buffalo
- Stanley A. Czurles.....Art
Instructor in Art Department, State Teachers College, Buffalo
- Robert O. DeMond.....History
Head, History Department, State Teachers College, Buffalo
- Margaret Dupre.....Science
Instructor in Science Department, State Teachers College, Buffalo
- Reuben S. Ebert.....Mathematics
Professor of Mathematics, State Teachers College, Buffalo
- Joseph J. Endres.....Consultant for Special Class Education
Chief, Physically Handicapped Children's Bureau, New York
State Education Department, Albany, N. Y.
- Raymond M. Fretz.....Science
Assistant Professor of Science, State Teachers College, Buffalo
- Herbert Hartman Glosser, M.D.....Lecturer on Sight Conservation
Ophthalmologist, Buffalo, N. Y.
- Mina S. Goossen.....Oral English
Instructor in English, State Teachers College, Buffalo
- Eleanor M. Gover.....Demonstration Teacher Fifth Grade
Supervisor, Student Teaching, Sixth Grade, School of Practice,
State Teachers College, Buffalo
- Andrew W. Grabau.....History and Guidance
Instructor in English, State Teachers College, Buffalo
- Isabelle K. Hart.....Geography
Department of Geography, State Normal School, Oswego, N. Y.
- George W. Haupt.....Science
Department of Science, State Teachers College, Glassboro, New Jersey
- Anna Henry.....Orthopedic Class Education
Principal, Christopher School, Chicago, Illinois
- Irene Hirsch.....Literature and Education
Psychology and K-P. Education, State Teachers College, Buffalo

Ralph Horn Education
Dean, State Teachers College, Buffalo

Cyril Hoyt Mathematics
Department of Mathematics, State Teachers College,
Mankato, Minnesota

Mary L. Jamison Education
Supervisor, Student Teaching, Kindergarten, School of Practice,
State Teachers College, Buffalo

Arline Johnson Nutrition
Instructor, Home Economics Department, State Teachers
College, Buffalo

Alice Krenning Demonstration Teacher, Sight Conservation
Sight-Saving Teacher at School No. 24, Buffalo, N. Y.

R. Pratt Krull Consultant for Special Class Education
Associate Superintendent of Extension Education,
Buffalo, N. Y.

Henry A. Lappin English Literature
Professor of English Language and Literature, D'Youville
College for Women, Buffalo

Olga Lommen Consultant for Orthopedic Class Education
Supervisor, Orthopedic Classes, New York State Education Dept.,
Albany, N. Y.

Ruth McCoy Lecturer on Sight-Conservation
Prevention of Blindness Bureau, State Department of Social Welfare,
New York City

Lester Mason History
Instructor in History, State Teachers College, Buffalo

Charles A. Messner Foreign Languages and Literature
Professor of Languages, Head of Department, State Teachers
College, Buffalo

Martha G. Metz First Grade Demonstrator
Supervisor, Student Teaching, First Grade, School of Practice,
State Teachers College, Buffalo

Eileen Mulholland Literature
Assistant Professor of English, State Teachers College, Buffalo

Ruth Palmer Aviation
Instructor, Home Economics Department, State Teachers
College, Buffalo

Julian Park History
Dean of College of Arts and Sciences and Professor of History,
University of Buffalo, Buffalo, N. Y.

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Professor of Elementary School Administration, Principal,
School of Practice, State Teachers College, Buffalo

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Assistant Professor of Education, State Teachers College, Buffalo

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Supervisor, Student Teaching, Practice School, State Teachers College,
Potsdam, N. Y.

Agnes M. Reuter Speech
Supervisor Speech Correction Teachers, Public Schools, Buffalo

Gertrude Roach Recreation and Health Education
Instructor in Health Department, State Teachers College, Buffalo

Harold J. Roesser Science
Instructor in Science, State Teachers College, Buffalo

Werner J. Rose, M.D. Lecturer for Teachers of Physically
Handicapped Children
Cardiologist, Buffalo

Earl B. Shaw Geography
Professor of Geography, State Teachers College, Worcester, Mass.

George Sherrie Seventh Grade Demonstrator
Social Studies Teacher, Amherst Central High School,
Snyder, N. Y.

Harry J. Steel Education and Principal of Demonstration School
Director of Training, State Teachers College, Buffalo

Watt Stewart History
Professor of History, State College for Teachers, Albany, N. Y.

M. Melvina Svec Geography
Supervisor, Student Teaching, Junior High School and Geography
Instructor, State Teachers College, Buffalo

John M. Thurber English and Literature
Professor of English and Literature, State Teachers College,
Buffalo

D. Kenneth Winebrenner Art
Instructor in Art, State Teachers College, Buffalo

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Assistant Registrar, State Teachers College, Buffalo

Frances G. Hepinstall Librarian
Librarian State Teachers College, Buffalo

Margaret Woods Seaman Assistant Librarian
Teacher, Elementary School No. 38, Buffalo

Marion Clark Financial Secretary
State Teachers College, Buffalo, N. Y.

Paul Wamsley Chairman, Extra-Class Program Committee
Principal School No. 51, Buffalo

Ethel M. Hansen College Nurse
State Teachers College, Buffalo

John V. Wadsworth, M.D. College Physician
State Teachers College, Buffalo

VISITING FACULTY MEMBERS IN THE SUMMER SESSION OF 1942

The summer session of the Buffalo State Teachers College has been noteworthy for a number of years because of many capable visiting faculty members representative of the country at large and several leading colleges and universities. A glance over the roster of past summers indicates that approximately one hundred different visitors have contributed to our summer sessions for a part or a whole of an entire session and some have returned for several sessions. We are proud to mention among these distinguished visitors such names as Carlton Washburne, A. E. Winship, P. W. L. Cox, John W. Withers, A. Gordon Melvin, William S. Gray, Robert Hill Lane, J. C. Brown, E. W. Butterfield, Gerald Craig, Guy Harold Smith, Boyd H. Bode, Earl Cranston, Winifred Hathaway, Harry J. Heltman, Louis Knott Koontz and Harold Blodgett.

The visiting members of the 1942 faculty represent five widely separated states and several from other schools in New York State.

We are fortunate this summer in the return to our campus of a number of former visiting faculty members. The roster will include Dr. Henry A. Lappin, Professor of English Language and Literature, D'Youville College for Women, Buffalo; Miss Matie Carter, Supervisor of Sight Conservation Classes, State Education Department, Albany, N. Y.; Miss Agnes M. Reuter, Supervisor Speech Correction Teachers, Public Schools, Buffalo; Miss Anna Henry, Principal, Christopher School, Chicago, Illinois; Dr. Julian Park, Dean of College of Arts and Sciences and Professor of History, University of Buffalo; Dr. Earl B. Shaw, Professor of Geography, State Teachers College, Worcester, Massachusetts.

The following members will be new to our campus this summer: Isabelle K. Hart, Department of Geography, State Normal School, Oswego, N. Y.; George W. Haupt, Science Department, State Teachers College, Glassboro, N. J.; Cyril Hoyt, Mathematics Department, State Teachers College, Mankato, Minnesota; Laurena Ramsdell, School of Practice, State Teachers College, Potsdam, N. Y.; Watt Stewart, Professor of History, State College for Teachers, Albany, N. Y.; George Sherrie, Social Studies Teacher, Amherst Central High School, Snyder, N. Y.; Miss Alice Krenning, Sight-Saving Teacher at School No. 24, Buffalo, N. Y.; Paul Wamsley, Principal, School 51, Buffalo, N. Y.

In addition to the above mentioned staff members, arrangements are being made for the appearance of special lecturers in connection with our assembly programs and conferences and our special program on "Schools in War Time."

SPECIAL FEATURES OF THE 1942 SUMMER SESSION

1. A special program of courses in Education of the Physically Handicapped taught by two leaders in this field.
2. Special work in speech education and correction.
3. A wide variety of offerings in History and Sociology. Includes parallel courses in the new and interesting fields of the geography and history of Latin America, thus enabling students to work on the problem of integration.
4. One course will be offered in Principles of Guidance especially for people who are interested in the Junior High School.
5. A group of offerings designed especially for students interested in the administration and supervision of the Elementary Schools and leading to either temporary or permanent certification for the Elementary School Principalship.
6. Eight selected Science courses suited to the work of the elementary teacher and to students who are seeking special certification for junior high school work in Science.

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7. An unusually large offering in the field of English and Literature.
8. A demonstration school furnishing demonstrations to education classes and offering opportunities for individual observation. This work includes a cross section of the regular elementary school and a demonstration class in Sight Conservation.

9. Assembly programs featuring prominent speakers in various fields, music, and a number of varied entertainment features.

10. Several conferences or institutes dealing with current educational and social problems.

11. A program of social events and extra-curricular opportunities of significant value and interest.

12. A well organized and directed series of educational trips designed for the benefit of teachers who are interested in broadening their experiences and improving their background for teaching in the elementary field. These trips will be selected and conducted with the purpose of securing maximum educational values for teachers.

13. A course will be given in Introduction to Aviation for elementary teachers.

14. A number of courses and other activities contributing to the general theme "Schools in War Time" are included in our summer program.

15. Home Nursing and First Aid Courses will be offered without academic credit for benefit of teachers to prepare themselves for community services in war time.

IDEAL LOCATION OF TEACHERS COLLEGE

State Teachers College, located in Buffalo, the Queen City of the Lakes, is an ideal place to spend a summer vacation. The climate, tempered by the westerly winds from the Great Lakes region, has a mean summer temperature lower than any other of the eastern cities. This factor is exceedingly important in determining the success and satisfaction of a summer session.

All highways lead to Buffalo, and hence it may be easily reached by those who wish to travel by automobile. Possession of a car facilitates week-end motor trips to Niagara Falls and other places of scenic beauty, as well as to many points of historic interest in the area of which Buffalo is the center. Situated at the head of Lake Erie, and a terminal point for important boat lines and railways, Buffalo is convenient of access to persons wishing to travel by water or by rail.

The college is conveniently located on Elmwood Avenue, adjacent to Delaware Park and Park Lake, and it is easily reached by bus or taxi service. With the nearby Albright Art Gallery and the Historical Museum, it constitutes an important educational center. Affiliation with the Buffalo School of Fine Arts and the cooperation of the Buffalo Museum of Science also greatly increases the facilities of the college.

ADMISSION

The six weeks summer session is open to any person who has taught or who intends to teach the coming year in the schools of the State. No formal application for admission to the summer session is required. Students who intend to matriculate for the Bachelor's Degree should read carefully item (7) under the statement of CREDIT. Other students may register as special students until such time as they may decide to matriculate for the degree. This session is not open to high school graduates without teaching experience or to students who have not completed high school. No secondary school work is offered in the summer session.

Students who are delinquent in the regular session and desire to make up such delinquency in Summer Session must receive permission from the Dean before applying for registration.

FEES

The State Department has authorized the collection of Registration and Incidental Fees from all students attending Normal Schools and Teachers Colleges. This is made necessary by the small appropriation available for summer sessions. A portion of the incidental fee is allotted to the extra-class program to finance student social activities, assembly programs and the summer school "Record". This year these two fees will total \$30.00. All fees are due at the time of registration. No refunds will be made after July 3rd. All checks in payment of fees should be made to Summer Session, State Teachers College. These fees are in addition to the tuition fee paid by non-resident students. Out-of-state students will pay a tuition fee of \$15.00 for the six-week session. Students entering July 1st or later will be required to pay a late Registration Fee, which is cumulative. There is a maximum of \$3.00 for registration on July 3rd, which is the last day for admission to classes for credit.

BOARD AND ROOMS

Comfortable rooms in good homes near the College may be secured at about the following rates:

One person occupying a room, \$4.00 per week and upwards.

Two persons occupying a room, from \$3.50 per person per week and upwards.

Room and board in same house (two in a room), from \$10.00 and upwards per person per week.

All inquiries concerning room and board should be addressed to the Housing Committee, State Teachers College at Buffalo, Buffalo, New York.

CREDIT

In obtaining credit for work completed at the Summer Session, the following regulations will obtain:

(1) Work done in courses at the Summer Session will be as nearly as possible equivalent to the work of the same courses during the regular session. Therefore, courses will be credited hour for hour on the basis of semester-hour credit.

(2) The maximum amount of credit allowed is eight semester hours. Students are strongly advised to attempt not more than six semester hours of work.

(3) Courses carrying two semester hours of credit in the regular curriculum are conducted one hour daily in the Summer Session; those carrying three semester hours of credit will meet eight hours per week; those carrying four semester hours of credit in the regular curriculum are conducted two hours daily in the Summer Session. An exception to this rule is made in courses requiring laboratory work. No partial credits are given. Students who are delinquent in the regular session and desire to make up such delinquency in the Summer Session must receive permission from the Dean before applying for registration in the Summer Session and the individual program will be adjusted in accordance with the student's previous record.

(4) Beginning September, 1926, a fourth year leading to the degree of Bachelor of Science in Education was added to the curriculum. Students in all departments are now required to complete a four-year curriculum in this college, in order to receive the degree, Bachelor of Science in Education. Credit towards this degree may be earned in part by our

two or three year graduates in the Summer Session, after consultation with the President, Dean, Registrar or Director. No one will be graduated from this college in the future who has not completed his work for the Bachelor's degree and no one will be granted such degree who has not completed a minimum of 32 semester hours of work in residence. It is also required that the last semester's work before graduation must be in residence. Residence work includes all work done on this campus.

(5) A graduate of a high school curriculum approved by the Commissioner of Education, who after graduation completed a year's course in a Training Class and has had at least one year of experience in teaching since graduation from a Training Class, may receive advanced credit equivalent to one year on the four-year curriculum.

(6) In September, 1938, all New York State Normal Schools and Teachers College at Buffalo entered upon a new curriculum for the preparation of elementary teachers. The senior year of this curriculum will be completed and the first class will be graduated in June, 1942. Students with advanced credit will find it necessary to have their work evaluated by the Dean or Registrar in terms of the new curriculum. An increased number of the new curriculum courses are being offered this summer. It still seems desirable to offer some of the old curriculum courses to enable students to complete their work for the degree on that basis. In all probability, future summer sessions will be conducted on the basis of the new curriculum. Students needing the old curriculum courses should consult the Dean or Registrar to make sure that acceptable substitutions are made for those courses no longer offered.

(7) Students who intend to matriculate for the Bachelor's degree in this college and who wish to transfer from another institution should have official transfers of their record mailed to the Registrar of this college well in advance of the opening of the summer session in order that they may be advised of their program.

(8) Graduates of the Three-Year Normal Course expecting to qualify for the degree should have their individual records evaluated, as explained above. If they have completed the regular required curriculum without deviation, their requirements will probably be as follows:

Students graduated from normal school three-year courses prior to 1937, and who are not candidates for Junior high school certification, are required to earn 32 hours of resident credit in fourth-year work including a minimum of twenty-four hours content. Twenty-one hours must be chosen from two of the content groups. The remaining hours are free electives.

Students graduated from normal school three-year courses in 1937 and thereafter will be required to complete the following: 3 hours, English 304 (American Literature); 3 hours, Drama; 3 hours, Principles of Education or Education 402 (Seminar in Elementary Education); 3 hours, American History (not Social Studies 301-2); 3 hours, Modern Social Trends or Social Studies 402 (Sociology); and 17 hours elective, including a minimum of 12 hours in content courses. Any of these courses, however, which may have been completed in normal school should not be repeated.

All those who received the provisional form of certificate are reminded that State Department regulations provide that of the additional work leading to the permanent form of certification, "24 hours . . . shall have been in academic or content courses". This must be kept in mind in choosing electives, and applies also to those who hold the permanent form of certificate and are working for the degree. All graduates of 3-year courses must include 24 hours content in the fourth year, excepting students seeking certification for elementary principals or special class teachers.

The college cannot be responsible for the award of the degree or certification to those who fail to observe this regulation.

Attention is also called to the fact that State Department regulations now provide that on and after January 1, 1943, a candidate for certifica-

tion to teach an academic subject (this includes junior high school) "shall have completed an approved four-year curriculum leading to the baccalaureate degree (or equivalent preparation) and, in addition 30 semester hours in approved advanced courses".

SCHEDULE

First Class Period.....	8:10- 9:00
Second Class Period.....	9:10-10:00
Third Class Period (Tuesday, Wednesday, and Friday).....	10:10-11:00
Assembly Period (Monday and Thursday).....	10:10-11:15
Fourth Class Period.....	11:10-12:00
Fifth Class Period.....	12:10- 1:00
Sixth Class Period.....	1:10- 2:00
Seventh Class Period.....	2:10- 3:00

NOTE—Students must plan for a lunch period in making their elections. The Cafeteria will be open from 11:15 to 1:30.

On Mondays and Thursdays the fourth period classes, and following, will begin 25 minutes after the hour and close on the quarter hour (11:25-12:15, etc.)

ASSEMBLY

As indicated above, there will be two Assembly periods each week. Attendance is optional but students are urged not to be absent. In fact, the programs for this part of the Summer Session are of such nature that no student can afford to miss them. The Summer Session "Record" and "Bulletin" will give advance information concerning speakers and entertainment.

CURRICULA

I. General Elementary Curriculum. Candidates desiring to earn credit on the General College curriculum toward their degree may do so by electing the proper courses. Care should be taken that subjects elected apply on the desired curriculum and form the proper sequences. If in doubt, consult the Dean, the Director of the Summer Session or the Registrar.

II. Curriculum for Teachers in Service. In the arrangement of our Summer Session offerings, special thought is always given to the needs of the teacher in service. While many of these will be desirous of working toward the degree, there will still be some who wish, primarily, to improve their professional preparation for their work. For such, there will be found listed among the various courses much that will be of interest.

III. Curriculum for Elementary School Principals. For the past thirteen years Teachers College has been developing a program for the training of Elementary School Principals. Several courses selected from this program are offered in the summer session. It is hoped that these will appeal to a number of active and prospective principals. These courses will provide credit toward the State requirements for the certification of Elementary School Principals. The present requirements for principalship certification will continue to be effective until July, 1943, or later according to notice.

IV. Home Economics Curriculum. While the State Department of Education does not find it possible to finance a special curriculum for Home Economics teachers at this session, there are included in the general curriculum a number of courses that may be credited either for elective or prescribed work in this special field. Interested students should secure the approval of the Director of Home Economics for taking such

courses. This summer the Home Economics Department will offer a course in Nutrition which will be available for students in the General College.

V. Special courses. Special courses for the preparation of teachers of (1) Orthopedic Units and (2) Sight Conservation classes will be offered by specialists in these fields. Teachers specializing in these fields will enjoy the privilege of elections in other departments, restricted only by the requirements of their own special program. Advanced courses leading to permanent certification are now offered in this field. Courses in Speech Correction will also be offered this summer.

General Elementary students interested in electing in any of this work for credit towards their degree should consult with Dean Horn or the Registrar's Office.

VI. Art Education. The Art Department is offering a series of five courses in Art Education, some of which will be of interest to students in Art Education. Some may be taken as electives in the General Elementary field. Special students in Art Education who are interested in taking work in the summer session should communicate with the Head of the Art Department, Mr. Charles B. Bradley, State Teachers College, Buffalo, N. Y.

VII. Courses Approved for Certification of Dental Hygienists. Because of financial difficulties special courses formerly available for Dental Hygienists are not offered in this college. In lieu of such courses the State Department will accept substitutes. It is advisable for prospective students interested in this field to communicate with either Dr. Chauncey D. Van Alstine or Dr. Hermann Cooper in the State Education Department, Albany, New York, before deciding to enroll in our summer session.

THE DEMONSTRATION SCHOOL

A school of five rooms with approximately one hundred ten children is maintained during the summer session for the purpose of demonstrating to students of Education the relationship of theory to practice in a modern school. There will be four grades covering the work of the regular elementary school. These will include grades one, three, five and seven. One room will also be set up for demonstration work in sight conservation. Any prospective summer school students who have children in their families that they would like to enroll in the Demonstration School may have this privilege. Likewise, if they have any pupil in their school whom they would like to bring to the Demonstration School for some special purpose, we should be glad to hear from them. We shall be needing some pupils who have speech defects for clinical cases in connection with our speech correction course. We should be glad to enroll such children in our Demonstration School.

The school has been used in past summers extensively and has greatly strengthened the courses in Education. This same service will be continued and the school will also be open to summer session students for observation. There will be a limited opportunity for a few students to do practice teaching work. Arrangements for this should be made in advance of the summer session.

Mr. Harry J. Steel, Director of Training, Buffalo State Teachers College, will be in charge of the Summer Demonstration School and a corps of experienced teachers have been selected for the demonstration work. Because of their broad experience, they will be capable of demonstrating modern methods of teaching. The demonstration classes begin at 9:00 A.M. The primary room will be open until 12:15 daily. The other rooms may be kept open for a longer time in order to provide for a greater variety of work and give more extended opportunity for observation. Anyone desiring to enroll children in any of the classes of the Demonstration School may address communications to the Principal of the Demonstration School, Teachers College, Buffalo, New York.

NEW FEATURE IN THE SOCIAL STUDIES PROGRAM

A modification of our Social Studies offerings this summer is worthy of notice. Arrangements have been made to offer two parallel courses dealing with the new and interesting field of Geography and History of Latin America with the idea that such a combination will be of special interest to students who are interested in integration of History and Geography. We trust this may appeal to a considerable number of students. Preference in these courses will be given to students registering in both courses.

In addition, we have an unusually rich offering of History and Social Studies courses equaling in extent the offering of any previous summer and including several new courses not previously given. Students should have no difficulty in finding courses to meet almost any requirement.

EXTENSION OF OFFERINGS IN SCIENCE DEPARTMENT

In addition to three members of our regular faculty, we are securing one visiting faculty member in the field of Science. We have aimed to furnish courses which have several advantages. Students who are desiring to meet the special requirements for Kindergarten teachers will find the courses in Botany and Zoology advantageous. There will also be a sufficient variety of courses to meet the requirements of the Industrial Arts students, and general elementary students who seek a concentration in Science for certification purposes. Several of the courses also are well adapted to the needs of students who want to improve their background for teaching the elementary school science program. The course in Bacteriology will give variety for electives for students seeking a concentration in Science and will also meet requirements for certification of Dental Hygiene teachers.

NEW OFFERING IN ENGLISH

Several electives in English should be called to the attention of students in this field. The Short Story which has recently been offered will be continued. The important field of Speech Education and Correction which is a comparatively new feature in our summer offerings will likewise be continued. Miss Goossen will give work in Choral Speaking which has been very popular in the last two summers and will introduce a new course, Oral Interpretation of Literature. The latter course will give considerable attention to readings from Shakespeare and should be of interest to students of dramatics and Shakespeare. Dr. Lappin will offer for the first time with us a course in Modern Biography. This field of literature should have an appeal for both students of literature and history. In addition an unusually rich offering of elective courses will be given which we believe will meet the needs of most students.

SPEECH CORRECTION

The work in Speech Education and Correction which was initiated in 1940 is to be continued this summer and we trust that many people will be interested in this very important work which is to be conducted by Miss Agnes Reuter, Supervisor of Speech Instruction Teachers, Public Schools, Buffalo, New York. The courses should appeal to elementary teachers who are desirous of understanding speech difficulties and being able to recognize them in their incipiency. Miss Reuter will demonstrate with clinic case work so that students will be in a position to deal with such cases if they find them in their classrooms.

OFFERINGS IN ART EDUCATION

This summer for the first time it is possible for the student to combine work in the College with technical courses in Art at the affiliated Buffalo Fine Arts Academy. This Art School located directly across the street will be in session at the same time as the College. Students who wish to either meet the Degree requirements of the Art Education Department or to take work to improve themselves in their teaching, may register for either full time work at the Art School or at the College or may have a divided program.

There is a tuition charge of \$8.50 per semester hour for work taken in the Art School. If part of the work is taken on the College campus, an adjustment is made in the College fee.

For further information on the courses offered in the Art School, address The School of Fine Arts of the Buffalo Fine Arts Academy, 1231 Elmwood Ave., Buffalo, N. Y.

OFFERING FOR PRINCIPALSHIP CERTIFICATION

For many years Teachers College has been a gathering ground for those seeking qualifications for principalship certification. The offerings this summer will cover the essential aspects of the principal's work and in addition will be enriched with special attention to the influence of the war emergency on the principal's work, and the far-reaching reconstruction which is underway as the schools bring themselves into alignment with the demands of the new air age which is upon us. Persons who are just entering on their principalship preparation, and those who have already begun, should consider the advisability of completing the certificate requirements before the present minimums are extended. Questions regarding this program may be addressed to C. A. Pugsley, Professor Elementary School Administration, State Teachers College, Buffalo.

SCHOOLS IN WAR TIME

Opportunities will be presented this summer by State Teachers College for the teacher to become acquainted with the broad field of activities of the public schools in War Time. Non-credit courses in First Aid and Home Nursing, given under the direction of the American Red Cross, will be available. Credit courses in Nutrition, Meteorology and Introduction to Aviation have been scheduled. The course in Introduction to Aviation has the two fold aim of presenting to the teacher the materials and opportunities through which the significance of the air age may be brought to the public school, and of giving to the teacher elementary but basic principles in plane construction, control and operation. It is expected also, that during the summer a unit of ten men will be receiving ground school and flying instruction under the Civilian Pilot Training program of the Civil Aeronautics Administration.

State Teachers College at Buffalo will present a number of assembly speakers of high rank in the fields of aviation and air transportation who will give teachers, both through lectures and discussion, much information of great value for the public school program in war time and in an air age. This work will also be supplemented by a series of films related to different aspects of aviation. Through these means we hope to develop a greater appreciation on the part of teachers for the part that aeronautics is playing in our lives today and the part it will probably play in our social and economic development in the future.

COURSES FOR DENTAL HYGIENE TEACHERS

Since there seems to be a considerable interest in courses leading to certification for Dental Hygiene teachers, we are arranging to offer the following courses which will meet those needs. The minimum re-

quirements for a provisional certificate may be met by an "orientation" course in Education (H-3) and a course in Nutrition (Home Economics 302s). It would still be possible for one to take an additional course such as Child Behavior (Ed. 102s) which meets the requirements in Psychology of Childhood and counts toward the permanent certificate. For those who have had these courses a course in Bacteriology (Science 123s), a course in Sociology (S.S. 402s) and probably a course in Health Service offered by the Health Department. It is hoped that these will be sufficient to serve the purposes of all students interested in this field. We should be glad to have communications from anyone who does not find just what they are looking for.

EXTRA-CLASS ACTIVITIES

The extra-class activities program will be in charge of a director of activities, assisted by selected students and cooperating faculty members.

The location of the College, with its excellent facilities, makes possible a very rich program of extra-class activities. Delaware Park, one of the most beautiful and most noted large city parks in this country, is directly across the avenue from the College. A large variety of recreational facilities is available in it, including canoeing on the lake.

The Albright Art Gallery and the Historical Building, both located in Delaware Park, possess rich exhibits which abundantly reward visitors to them. Both buildings are in close proximity to the College.

An interesting and stimulating series of programs for Assemblies is now being arranged. Leading educators, as well as men prominent in other phases of life today, are being engaged. It is expected that musical programs of unusual merit will be provided and we hope we shall have a singing Summer Session, under the able leadership of Mr. Harold Crain. Moving pictures of particular interest to the students will be shown from time to time during the summer.

Recreational and athletic facilities will be offered so far as practicable. Swimming pool, gymnasium, and athletic field will all be made as completely available as possible for meeting as many different types of needs and wishes as may be found feasible.

Afternoon panel discussions have been found to be of such widespread interest that we expect to provide several such opportunities during the summer. It is expected that each of these will deal with subjects of vital interest to our student body.

A rich variety of trips has been offered during the Summer Session for a number of years and because of their success plans are now under way for a repetition of those which have proven most popular and the provision of new trips which promise to enrich our total offering. Trips to more distant places will be arranged so far as possible, dependent upon evident interest on the part of the student body.

Social programs, consisting of informal dances and entertainment, will be included as in previous summers and will be improved on the basis of our experience of that which has been found to be most welcome.

The Summer Session "Record" will be published again, as it has been for the last several years. It makes familiar to all the various extra-class opportunities as they are scheduled and also constitutes a journal for those who wish to have a permanent record of the Summer Session.

The extra-class activities will enrich the Summer Session just so far as they meet the needs and desires of the student body. *All students expecting to attend the summer session are urged to write their suggestions to the Summer Session Social Program Committee.*

LIBRARY

The college library is situated on the second floor of the main college building, facing the Albright Art Gallery. It occupies a spacious room

seating about 150 students. The open shelves, reserved books, magazines and newspapers are available to all students and faculty. The picture and pamphlet files supplement other material and are for the use of the student teacher. Bound magazines are kept in the stack room, which is directly above the reading room. The Library, modern in every respect, affords a splendid opportunity for intensive study and recreational reading. An additional feature of our library service is known as The Bureau of Instructional Materials. This has been developed during the past two years and it is of great interest and value to student teachers and teachers in service who are seeking an abundance of rich material for the development of units. It is located in Room 203, adjacent to the Library. The Grosvenor Reference Library and the Buffalo Public Library are glad to render every possible service to students of the Summer Session.

Special Library Facilities

The Director of the nearby Historical Museum has agreed to make available for history students their fine collection of reference materials on American History. The Albright Art Gallery has recently opened a library containing a collection of reference works on art, and the Director of the Gallery has indicated his willingness to allow the art students of the Teachers College to make use of these facilities. The Museum of Natural Science in Humboldt Park has excellent facilities to supplement the work of science students.

IMPORTANT NOTICES

Plan of Registration. No formal application for admission to Summer Sessions is required (see "Admission" above). Registration begins at 9:00 A.M., Monday, June 29, when students assemble in the Auditorium for instructions regarding details of registration. Students will register in order of numbers given out as they enter the Auditorium. The first step in registration is the payment of fees (see statement under "Fees" above). Further particulars will be given at that time.

Required Preparation for Class Work. All courses in the Summer Session are organized on bases similar to those offered during the regular academic year with a similar amount of outside preparation required for each hour spent in the class room. It is not possible to give any definite amount of time required for this because of the varying abilities and backgrounds of students, but in general it should be understood that a minimum of an hour and a half is essential for preparation for each hour of classroom work, while the average student may be expected to spend more than this.

Text Books. Students in all courses will be required to purchase text books. A cooperative bookstore is maintained for the benefit of students.

Money. Students who come from outside the city to live in Buffalo during the Summer Session will find it possible to transfer their funds by depositing checks in a local bank and receiving their money after collection has been made by the bank. For this service, the bank will make a minimum charge of fifteen cents and more in proportion to the size of the check. American Express Company's or American Bankers' checks, commonly used by travelers, will be found most convenient. Certified checks issued by banks or personal checks require endorsement or identification and faculty members are not to be expected to render either service. No checks, either for faculty members or students will be cashed at the Financial Secretary's office.

DESCRIPTION OF COURSES

Numbering System

The numbers appearing before the titles of courses correspond to the numbering system in the general catalog. The numbers are all three figure numbers. The first figure of the number indicates the year of the curriculum in which the course primarily belongs. Variations from the year indicated in the catalog should not exceed one year and that only with permission. The letter "s" after a number indicates a parallel course given in the Summer Session.

ART

It is planned this summer to offer Art Courses required for students in the General Elementary Department and such other courses in Art Education as may be combined with the offerings in the affiliated Buffalo Fine Arts Academy, to fulfill the requirements for the degree in Art Education.

Art 101s. Essentials of Art I. Fundamental principles and techniques of art. Art as a form of expression with some vocabulary and grammar functioning in this line; drawing, painting in color, design and lettering. Eight class hours a week. Two semester hours credit. Mr. Czurles.

Art 102s. Essentials of Art II. Creative art activities for elementary grades. The creative impulse and its manifestation in the work of children, acquainting teachers of the primary and elementary grades with new art materials and approaches. Problems will be varied and adapted to individual needs with emphasis on progressive methods of teaching. Recommended for teachers in service. Eight class hours per week. Two semester hours credit. Mr. Czurles.

Craft 400s. Workshop in the Crafts. This is a studio course in various forms of craft work. Individual instruction is offered in such crafts as tied and dyed, print and batik design, applied to textiles, metal-craft, jewelry and ceramic work. Either elementary or advanced work. Ten class hours per week. Two semester hours credit. Mr. Winebrenner.

Craft 401s. Workshop in Stagecraft. This is a studio course in various forms of stagecraft. Work may be done with shadow, mitten or string puppets. Stage sets designed and constructed, scenery painting. Excellent training for the production of school plays. No experience is required to register for the course but advanced students may arrange to work beyond previous experience. Ten class hours per week. Two semester hours credit. Mr. Winebrenner.

Art 423s. Fine and Functional Arts. Study of the fine, applied and industrial arts as outgrowths of the needs of individuals and communities, emphasis being placed on the function of art in our immediate environment: in the home, in the community, in industrial life. Lectures, readings and discussions will be supplemented with visits to galleries, museums and industrial establishments. Eight class hours per week. Three semester hours credit. Mr. Czurles.

EDUCATION

Ed. 102s. Child Behavior. This course considers primarily the roots of child behavior with which the teacher is daily confronted. Special attention will be given to (1) methods for developing a well-adjusted personality in the child; (2) ways of detecting and correcting early beginnings of maladjustment; (3) the school room as an agent of mental health of the child. Case material will be generously used and such problems as daydreaming, lying, stealing, fears, irritability, etc., will be dealt with. This course is planned especially to be of practical and immediate help

to classroom teachers. Observations to study some of the above problems will be arranged as a part of the eight hours per week scheduled. Eight class hours per week. Three semester hours credit. Prerequisite: Ed. 101 or the equivalent. Miss Quayle.

Ed. 305s. Kindergarten Education I. This course is planned to give students more intensive study of the Kindergarten and the development of the four to six year old child. Special emphasis will be given to the following units: Research studies; materials, equipment and supplies; block building; wood working; dramatic play. Curriculum guides will be interpreted, stressing social studies, and the contribution of music and art experiences. Elective for third and fourth year students who wish to be recommended as Kindergarten Teachers. May be taken as part of eight hours of professional electives allowed normal school graduates. Eight class hours per week. Three semester hours credit. Miss Jamison.

Ed. 305s. Kindergarten Education II. This course is a continuation of Kindergarten I. It will serve as a guide to further study of suitable content for the curriculum of the kindergarten, i. e. science, mathematics, language arts. The following units will be developed: Evaluation of child growth and progress; records and reports; promotion practices; readiness for learning home-school relationships; effect of the nursery school and other community agencies on the kindergarten. There will be a survey of the history of the kindergarten and other important movements for young children. Elective for third and fourth year students who wish to be recommended as Kindergarten Teachers. May be taken as part of eight hours of professional electives allowed normal school graduates. Five class hours per week. Two semester hours credit. Miss Jamison.

Ed. 310s. Juvenile Literature. A broad survey of poetry, folk and modern literature for children in the elementary school with emphasis on selection, analysis and use of the best sources of materials and particular attention will be given to the art of story telling and opportunity for practice in different kinds of situations. Students who are interested in story telling alone may enroll in the class for three hours a week without credit. Special stress will be given to those units of the English Handbook in Elementary Schools which are relative to this course. Elective for General Elementary Sophomores, Juniors and Seniors. Eight class hours per week. Three semester hours credit. Miss Hirsch.

Ed. 402s. Principles of Education. An attempt is made to guide the student to study critically certain principles underlying educational practice and if possible to formulate new principles for his own educational procedures. The course is organized in units of the problem type. Major problems to be considered are: (1) the nature and scope of a course in principles; (2) the nature of the child to be educated; (3) the meaning of education; (4) the kind of social order in which the child is to be educated; (5) the nature and functions of interest in education; and (6) the method of reflective thinking in its educational bearings. The writings of Plato, Rousseau, James, Dewey, Kilpatrick, Bode and other leaders in this field are considered in the light of their contributions to the major problems of this course. Required of fourth year general college students. Eight class hours per week. Three semester hours credit. Mr. Horn.

Ed. 406s. Mental Hygiene. This course is definitely designed to help adults, especially teachers, understand their own emotional and mental development, and how to be happier and more productive individuals in all their relationships. Well-adjusted teachers are the greatest factors in developing desirable personalities in children but the emphasis of this course will be on the individual's adjustments, not on behavior problems of children. Adult personality problems will be considered and adequate case material will be used. Prerequisites: General Psychology or Educational Psychology. Five class hours per week. Two semester hours credit. Miss Quayle.

Ed. 435s. Current Developments in Reading and the Language Arts. The teaching of reading will include readiness; first reading from books; silent and oral reading; eye movements; phonics; period of rapid progress; source and selection of reading materials and their evaluation. A study will be made of the prevention and diagnosis of reading difficulties and remedial measures stressed. Critical analysis of current series of reading books will be made. Some attention will also be given to other phases of the language arts, emphasizing experience as a basis. These topics will be considered in relation to the new English Handbook for the elementary school. This course is especially recommended for teachers who desire assistance in handling the work of the elementary syllabus in English. This course may be taken for credit in lieu of the required course in General Elementary Curriculum, Ed. 483—The Teaching of Reading. Eight class hours per week. Three semester hours credit. Two Sections. Miss Allen and Miss Hirsch.

Ed. 440s. The Elementary School Principalship A. Organizing the school and the curriculum. The general objective to this course is to see how the principal functions as he builds the organization framework through which the planned curriculum is realized. Problems in planning a curriculum for all aspects of child life throughout the whole elementary school experience; curriculum modification for the air age and the war emergency; defense activities for children; studying the community; organizing the school and its resources, such as the halls, the library, the auditorium, the gymnasium, the cafeteria, the playground, etc.; assignment of teachers and pupils; systems of classification and promotion; problems in scheduling and office organization; board relations. This course may either precede or follow the Elementary School Principalship B. Open to principals, supervisors, experienced teachers, and other especially qualified. Eight hours per week. Three semester hours credit. Mr. Steel.

Ed. 441s. The Elementary School Principalship B. The operation of the elementary school. The objective of this course is to develop an understanding of, and the ways of meeting the day to day problems of the school as its curriculum operates. Equipping the school plant; obtaining and using supplies and texts; fire, air raid and evacuation drills; policies and programs in using the school facilities; policies in classification and promotion; special services for special needs; resolving pupil maladjustments; meeting children's war time problems; making and using records; financing the school program; leading the community. This course may either precede or follow Elementary School Principalship A. Open to supervisors, principals, experienced teachers and other especially qualified. Eight hours per week. Three semester hours credit. Mr. Pugsley.

Ed. 442s. Supervision of the Elementary School A. Leadership of teachers. The objective of this course is to comprehend the work of the principal as a professional leader of teachers. Building an education philosophy for the school; the principal in relation to other administrative and supervisory officers; classroom visitation and the analysis of teaching and learning; the nature of learning; supervisory conferences, teachers' meetings, curriculum building, demonstration teaching, directed observations, the use of specialists, and other instruments for the improvement of teaching and learning. Open to principals, supervisors, experienced teachers and to others especially qualified. Eight hours per week. Three semester hours credit. Mr. Pugsley.

Ed. 455s. Principles and Problems of Personnel Work and Guidance. This is a basic course designed for teachers and others interested in the guidance function in the public schools. Consideration will be given to the present day objectives and principles of guidance; the function of the classroom teacher, the principal, the visiting teacher, the counselor, and other specialists in a guidance program; guidance services, including

counseling, record keeping, group conferences, coordination of guidance activities, contacts with parents, community agencies, etc. Five hours per week. Two semester hours credit. Mr. Grabau.

Ed. 461s. Safety Education. This course endeavors first of all to show that the safety-minded teacher is a prerequisite to functioning safety education. The Stokes Bill and its implications for the curriculum; the philosophy of safety education; the objectives with means of realizing them; criteria for judging published materials; measuring the results of safety teaching; these and other phases pave the way for the more practical side. This includes preparing a year's program in the student's teaching situation, developing in detail a specific problem within the field, and study of the New York syllabi. A unit on road and driving safety will be included. Five class hours per week. Two semester hours credit.

H. 3s. Orientation in Education. A general introductory survey course that will set forth briefly for the students the main plans for the organization of public education; the place and importance of education in our national life; present tendencies in educational theory and practice. School machinery (courses of study and personnel) for teaching health habits and information to pupils; the outstanding present-day problem of our educational work. Eight class hours per week. Three semester hours credit. Mr. Root.

Note: The attention of students in education is called to the offerings under Courses for Teachers of Physically Handicapped Children.

COURSES FOR TEACHERS OF PHYSICALLY HANDICAPPED CHILDREN

The State Education Law requires communities having ten or more physically handicapped children to establish special classes suited to their mental and physical conditions. The State further recognizes the need for this special class activity by granting subsidies to assist local communities in meeting the cost of this necessary service.

In order that the communities may receive special subsidies as indicated by law it is necessary that the teachers handling these class units have special preparation which is defined by the Teacher Education and Certification Division as indicated below.

All teachers permitted to enroll for this special class work must complete 12 semester hours of preparation in this field to be eligible for permanent certification, as follows:

Courses	Min. Max. Semester Hours	
Practicum in teaching classes of physically handicapped children	4	6
Mental, social and vocational adjustments.....	2	4
Psychology of the physically handicapped.....	2	4

The course is also open to a limited number of elementary teachers who wish to prepare themselves to meet the needs of individual children in their own schools.

The present number of teachers qualified to meet these special requirements is inadequate. Because of the large number of communities in this State where special class facilities have not been established and the increasing appreciation of the need for special education adjustments suited to the mental, social and physical conditions of physically handicapped children, this area of training presents unusual opportunities for service.

New York State has recently established a new policy governing the organization and development of special units for physically handicapped

children which will undoubtedly have a tendency to energize the demand for additional qualified teachers.

Note: We desire to call special attention to the fact that credit for this work may be applied toward the B. S. Degree in Education. Candidates for Elementary Principalship may apply certain of these credits toward certification on recommendation of Dr. Pugsley.

PROGRAM

The following practicums will be available.

Orthopedic Classes

Practicum in teaching children with orthopedic defects (methods, organization and administration of special classes, crippling conditions, medical lectures, and clinic.)

Hours 9-11 daily. Four semester hours credit. Afternoons reserved for clinic work. Miss Henry.

The orthopedic practicum in the summer of 1942 will consist of only four hours work. Students desiring preliminary certification this summer should take the course English 421s. Speech Education and Correction.

Sight-Saving Classes

Practicum in teaching children with visual defects (organization, methods, materials, observation, practice teaching and clinic). Six semester hours credit. Hours 9-12 daily. Six semester hours credit. Miss Carter assisted by Miss Krenning and the class of partially-seeing children.

Speech Education and Correction

A six semester hour program dealing with Speech Education and Correction is offered for the benefit of teachers desiring to qualify for certification as Speech Teachers in the public schools. Two courses are to be offered, first a two point course requiring five hours per week and second a four point course requiring ten hours per week.

First Course—Eng. 421s. Speech Education and Correction. Five class hours per week. Two semester hours credit. Miss Reuter. See Description under English. Hour 11-12.

Second Course—Anatomy, physiology and hygiene of speech mechanism. Etiology of speech disorders, including stuttering, articulatory defects (structural, paralytics, functional, dialectal), disorders of voice (structural, paralytics, functional) and hard-of-hearing speech. Some clinical demonstrations included. Ten class hours per week. Four semester hours credit. Miss Reuter. Hours 9-11.

Advanced Classes

Psychology of the Physically Handicapped. Two semester hours credit. Mr. Crayton. Time 8:10-9:00.

Mental, Social and Vocational Adjustments. Four semester hours credit. Mr. Crayton. Time 11:10-1:00.

ENGLISH AND LITERATURE

Eng. 302s. Poetry. A comprehensive study of the outstanding poetry from Chaucer to the present. A careful study is made of the various influences at work in each major period of literature, with attention given to the development of the different types of poetry and the various forms of metrical structure. Critical standards are noted and students are encouraged to experiment in creative writing. Elective for third and fourth year students. Five hours per week. Two semester hours credit. Mr. Lappin.

†304s. American Literature. A survey of the important trends in American life, and a study of its literature as the expression of the American mind. Beginning with Jonathan Edwards and Benjamin Franklin, the course will include Cooper, Irving, Bryant, Poe, Emerson, Thoreau, Hawthorne, Longfellow, Holmes, Lowell, Melville, Whitman, Mark Twain. Some time will be given to Contemporary American Literature. Three semester hours credit. Eight hours per week. Miss Mulholland.

Ed. 310s. Juvenile Literature. Miss Hirsch. Course description listed under Education.

Eng. 401s. The Drama. A survey of the drama from the Greeks to modern times with emphasis placed upon varying dramatic influences of the different periods. The course attempts to establish critical standards as a basis for judgment of the drama in the theatre and literature for the sake of improving the teacher's ability in dramatic arts. Required of all fourth year students. Eight class hours per week. Three semester hours credit. Mr. Thurber.

Eng. 402s. Contemporary (English and American) Literature. New Curriculum. The purpose of this course is to give the student of modern literature some understanding of the climate of opinion as it is reflected in the literature of the twentieth century, with emphasis on the last two decades. Consideration will be given to those writers looking backwards with nostalgia to the Victorian era, those representing the intellectual and moral breakdown of the Twenties, and those of the Thirties who write with some hope for the future of society. Short story, novel, drama, poetry and criticism. Required of fourth year General Elementary students. Eight class hours per week. Three semester hours credit. Mr. Crain.

†Eng. 406s. The Novel. A survey of the novel in English, beginning with Jane Austen and extending to Virginia Woolf. The Study will include an examination of the great Key novels of the nineteenth century, both as works of art and as reflections of the social interests of the time. Eight class hours per week. Three semester hours credit. Miss Mulholland.

†Note: A course in The Novel will be offered if there is sufficient demand. Otherwise, a second section of American Literature will be offered.

Eng. 408s. The Short Story. Reading and criticism of outstanding masters of the short story; the analytical study of technique; practice in the writing of stories and sketches. Personal conference for manuscript criticism. Eight class hours per week. Three semester hours credit. Mr. Thurber.

Eng. 418s. Choral Speaking. Basic to this course is a knowledge of Phonetics and voice production. This will be provided at the beginning of the course. The course will cultivate an understanding and appreciation of poetry through general lectures and discussions and through actual participation in the various types of choric speaking. Selections from the classics and modern verse will be used. Choric drama with its possibilities for theatre use will be presented. An opportunity for gaining experience in conducting the verse choir will be offered. The course serves both a cultural and practical purpose to teachers who are interested in this new Speech Art form. Upper class elective. Five class hours per week. Two semester hours credit. Miss Goossen.

Eng. 420s. Oral Interpretation of Literature. A practical and cultural course. Material from both classical and contemporary literature will be used in a study of the subject matter, form and classification of literature for oral interpretation. Discussions on the selections and presentation of material suitable for various occasions and ages. Opportunity for solo, dialogue and small group interpretation. Eight class hours per week. Three semester hours credit. Miss Goossen.

Eng. 421s. Speech Education and Correction. Comprehensive study of methods for the correction of speech defects; study of underlying

causes, contributing causes, diagnosis, symptoms, and other aspects of the speech disorder problem, phonetics as a tool in speech improvement, principles in speech correction and clinical practices. A clinic for speech defectives is maintained under the direction of the instructor. Students in the course have the opportunity to observe the application and practice of classroom procedures and of participating in clinical practice. Open to any elementary teacher. It will also be taken by students in the orthopedic practicum. Five class hours per week. Two semester hours credit. Miss Reuter.

Eng. 427s. Recent Drama. A study of the drama from Ibsen to Saroyan. The romantic, the realistic, the impressionistic techniques discussed. The drama of social consciousness, the psychological conception of character, the decline of the tragic ideal. New directions. Among others, Ibsen, Strindberg, Chekov, Galsworthy, Barrie, O'Neill, Coward, Shaw, Howard, Saroyan. Five class hours per week. Two semester hours credit. Mr. Crain.

Eng. 430s. Modern Biography. Some consideration of original Aubrey, Wood and Fuller. Lady Fanshawe, Mrs. Hutchinson and The Duchess of Newcastle. Walton, North and Mason. Boswell's perfection of a biographical formula. Some great nineteenth century examples: Sainte Beuve, Strachey, Sosse, Guedalla and Cecil. Relationship between biography and autobiography. Required readings and reports. Eight class hours per week. Three semester hours credit. Mr. Lappin.

General Literature 421s. Masterpieces of the Middle Ages. Reading in English translation selected literary masterpieces of the mediaeval period such as mediaeval epic, mediaeval romance, mediaeval prose tale and novel, saints' lives and legends, mediaeval drama, mediaeval lyric poetry and allegory, culminating with Dante's Divine Comedy. No prerequisite. Elective for juniors and seniors of all departments. Five hours per week. Two semester hours credit. Mr. Messner.

***General Literature 422s. Masterpieces of the Renaissance and Classicism.** Reading in English translation selected literary masterpieces illustrative of the Renaissance and classical period in European literature such as Erasmus' Praise of Folly, More's Utopia, Machiavelli's Prince, Rabelais, Montaigne, Cellini, Ariosto's Orlando Furioso, Cervantes' Don Quixote, Molière, Corneille, Racine, Calderon, Lope de Vega, La Fontaine, Voltaire. No prerequisite. Elective for juniors and seniors of all departments. Five hours per week. Two semester hours credit. Mr. Messner.

General Literature 423s. Masterpieces of the Nineteenth Century. Reading in English translation selected masterpieces of nineteenth century European literature exclusive of English. Rousseau and his disciples as forerunners of the Romantic movement. Romantic poetry, fiction and drama. Realism and Naturalism in the various literary types. The reaction against realism at the close of the century. Among the authors to be included will be Rousseau, Chateaubriand, Lessing, Goethe, Schiller, Heine, Manzoni, Hugo, Dumas, Balzac, Zola, Brieux, Baudelaire, Hauptmann, Suderman, Rostand, Maeterlinck. No prerequisite. Elective for juniors and seniors of all departments. Five hours per week. Two semester hours credit. Mr. Messner.

FOREIGN LANGUAGE AND LITERATURE

***Latin 302s. Roman Life and Institutions.** See course description under Social Studies.

General Literature 421s. Masterpieces of the Middle Ages. See course description under English and Literature.

***General Literature 422s. Masterpieces of the Renaissance and Classicism.** See course description under English and Literature.

* Note: Of the two courses marked * the one will be offered which has the larger enrollment.

General Literature 423s. Masterpieces of the Nineteenth Century. See course description under English and Literature.

GEOGRAPHY

301s. General Geography I. A study of the relationships between the physical environment and man and his activities, with emphasis on the factors of relief, climate, soils, water resources. (Formerly General Geography or Geography 101, required of freshmen.) Required of General Elementary Juniors. Eight class hours per week. Three semester hours credit. Mrs. Hart.

402s. General Geography II. Economic Geography. A continuation of Geography 301 with emphasis on the agricultural, industrial and commercial aspects of geography. Required of all General Elementary Seniors in the new curriculum. Elective for others. Prerequisite: Geography 301. Eight class hours per week. Three semester hours credit. Miss Svec.

***403s. Geography of Europe.** Based upon a combination of physiographic regions and related human use in regions. The conflict between these and the man-made political divisions directs attention to the geographic backgrounds of current problems. The study is directed to gain some knowledge and appreciation of the variety of natural and cultural landscape patterns that has evolved in this continent of complex national groups striving to maintain themselves. Elective for third and fourth year students. Two semester hours credit. Five hours per week. Prerequisite: Geography 101. Miss Svec.

406s. Geography of New York State. A study of the relation of physical factors to the location and character of colonial settlement, the spread of population over the state, the development of transportation and industry, and the growth of cities. Experience in field work. Elective. Prerequisite: Geography 301. Five class hours per week. Two semester hours credit. Mrs. Hart.

***407s. Conservation of Natural Resources.** The course surveys the extent, distribution and condition of the major natural resources of the United States and the aims and accomplishments of the conservation movement. The publications of the various state and federal planning boards will provide material for the discussion of the regional and national programs. Elective for Juniors and Seniors. Two semester hours credit. Five hours per week. Prerequisite: Geog. 101 or equivalent. Miss Svec.

* Note: Of the two courses marked * the one will be offered which has the larger enrollment.

†408s. Geography of Latin America. A regional study with the emphasis upon the adjustments of the people to the physical background of each region. International trade relations and their background of natural resources and economic development. Mexico and the Caribbean area included. Elective. Prerequisite: Geography 301. Eight class hours per week. Three semester hours credit. Mr. Shaw.

Sc. 420s. Meteorology. See description under Science. Two semester hours. May be taken as a Geography Elective.

410s. Colonial Possessions of United States. The aim of this course is directed towards giving the student a fuller and clearer understanding of the outlying United States "Empire". Detailed examination will be made of The Philippines, Hawaii, Samoa, Alaska, Puerto Rico, The Virgin Islands, the Canal Zone and the new bases recently acquired from Britain. Primary emphasis will be placed upon the political geography of these outposts. Five class hours per week. Two semester hours credit. Mr. Shaw.

† Note: Students may not receive credit for this course if they have already received credit for Geography 401, Geography of South America.

HEALTH AND PHYSICAL EDUCATION

H. E. 401s. Health Protection. School and community health problems; school health service; communicable disease control; water supply and sewage disposal; milk and food control; safety education, function of local, state and federal health agencies; investigation of special public health problems. Participation in sports that give pleasure to adult living and to community relationships is required; swimming is optional. Prerequisite: Health Education 201-202; Physical Education 301-302. Required of general Elementary Seniors.* May be five hours of class work and five hours of physical and recreational activities per week. Two semester hours credit. Miss Roach.

* Note: Credited toward requirement for certification of dental hygiene teachers. Students taking H. Ed. 401 for certification purposes may earn total of 3 semester hours credit by taking three additional hours per week in health service for public schools.

HISTORY AND SOCIAL STUDIES

S.S. 204s. Principles of Economics. The essential purpose of this course is the acquirement of a working knowledge of sound economic theory in order that the phenomena of the industrial and commercial world may be understood. An attempt is made to survey not only the laws of economics, but also certain of the political and cultural settings in which they operate. The course concerns itself with the appearance as well as the functioning of modern economic society. As a special aid to students of Home Economics attention is directed to phases of consumer economics, such as problems of the consumer, his place in production, and the devices of consumer protection. Required of second year students in the home economics department. Elective for second year general college students. Two semester hours credit. Five hours per week. Mr. Mason.

S.S. 301s. American Civilization and Government. I. This course will consider the development of civilization and government in the United States to the outbreak of the Civil War. How this country gained its independence from England and developed its own democratic ideals of government will be stressed. The origin and purpose of the various governmental institutions and how they perform their work will be studied in order to picture government as a going concern. Three semester hours credit. Eight hours per week. Mr. DeMond.

S.S. 302s. American Civilization and Government. II. Continues the work covered by S.S. 301s, emphasizing the development of American civilization and government since the Civil War: the characteristics and operation of the American economic order through varying circumstances; the position of the masses; the relation of these factors to the evolution of a characteristic culture in the United States. Required of third-year general college students. Eight hours per week. Three semester hours credit. Mr. Mason.

S.S. 303s. History of Europe Since 1914. The causes, events, and results of the World War; the treaty settlements; post-war developments and problems; present areas of friction; the League of Nations, World Court, and other efforts at international cooperation and peace. This course may be taken as equivalent to two hours credit in the course S.S. 201, Contemporary Civilization I. Five class hours per week. Two semester hours credit. Mr. Park.

S.S. 401s. Modern Social Trends. Two types of problems are considered: (1) the major difficulties arising as society seeks to increase and distribute human adequacy; (2) the more important maladjustments constituting social pathology. Special consideration is given to the significance of these problems for teachers. The course includes the following units: the nature of social problems; problems of adjustment to external

nature; population and its problems; distribution of wealth and income; health and physical welfare; control and care of the defective; race problems in the United States; the family; child welfare; the meaning of social control; public opinion and its agencies; crime; alcohol as a beverage and alcoholism; democratizing the state. Required of fourth year general college Seniors. Eight hours per week. Three semester hours credit. Prerequisite: S.S. 301-302. Mr. Albright.

S.S. 402s. Sociology. The rise and development of culture; cultural change; social organization and social institutions. Required of General Elementary Seniors. Eight hours per week. Three semester hours credit. Mr. Albright.

S.S. 403s. American Foreign Relations. Relations of the United States with other nations, beginning with independence and the alliance with France in 1778 and extending through recent affairs of the United States as a world power. Due attention will be given to the principles of international law and the causes of the present international lawlessness. Especially recommended to students who are planning to teach history. Eight hours per week. Three semester hours credit. Mr. Stewart.

S.S. 407s. Comparative Governments of Europe. A careful study of the governments of England, France, Germany, Italy, and Switzerland, with less time upon the newly formed governments, including Soviet Russia. How these governments are organized, what sort of political machinery they use, wherein they have borrowed from the United States, and wherein they differ. Special attention upon the effect which the World War has had on all these governments. Elective for fourth year general students. Any one desiring credit in Contemporary Civilization II may take this course as the equivalent. Eight hours per week. Three semester hours credit. Mr. DeMond.

S.S. 409s. American Economic History. The development of the economic life of the Nation is traced from colonial beginnings. Emphasis is given to manufacturing, commercial and agricultural phases of national development. The historical significance of economic factors with their meaning for educators is made evident. Elective for general college seniors. Eight class hours per week. Three semester hours credit. Mr. Grabau.

S.S. 411s. Hispanic American History. The colonization and development of Latin America. Special emphasis will be placed upon the diplomatic and economic connections with the United States and attention will be given to the role of Latin America in the defense of the Western Hemisphere. Eight class hours per week. Three semester hours credit. Mr. Stewart.

***Latin 302s. Roman Life and Institutions.** A study of the major aspects of Roman private life and institutions such as the home, the family, education, amusements, the theatre, occupations, social classes, business and industry, religious practices, the arts, the army, politics and the Roman state. Constant comparison of Roman life with the corresponding features of modern civilization. Lectures, reading, and reports. A knowledge of Latin is not essential. Recommended for students of Latin and teachers of the social studies. Elective for juniors and seniors in all departments. Five hours per week. Two semester hours credit. Mr. Messner.

* Note: Of the two courses marked * the one will be offered which has the larger enrollment. See Course General Literature 422s under English and Literature.

HOME ECONOMICS

Home Economics 302s. Nutrition. This course is a survey of all the factors that are essential for a state of optimal health. Individual food problems and needs will be considered. The supervised school lunch

and nutrition of the child of school age will be studied. Daily food habits, costs of food, laboratory and equipment required, will be regarded as a means of building an adequate day's dietary for a family. Home Economics teachers may arrange to take this course as a refresher course. Elective for general college students. A program will be arranged so that the course may be taken for either two hours or three hours credit. This will enable Dental Hygiene teachers to meet their requirements. Laboratory will be arranged. Five class hours per week for two semester hours credit. Eight class hours per week for three semester hours credit. Miss Johnson.

KINDERGARTEN—PRIMARY EDUCATION

Ed. 305s. Kindergarten Education I. Miss Jamison. See description of this course under Education.

Ed. 305s. Kindergarten Education II. Miss Jamison. See description of this course under Education.

Sc. 205s. Zoology. Mr. Fretz. See description of this course under Science.

Sc. 206s. Botany. Mr. Fretz. See description of this course under Science.

MATHEMATICS

101s. General Mathematics. This course seeks to give the student a foundation in mathematics, an understanding in certain algebraic principles that have a wide application in intelligent living; an appreciation of and familiarity with the real nature of algebraic analysis and a wider horizon through an extended acquaintance with more advanced topics that are being used and might be used more in educational theory and physical sciences, and to see how "pure mathematics" has led to great unexpected achievements in a practical way. Eight hours per week. Three semester hours credit. Mr. Hoyt.

201s. College Algebra. A rapid review of High School Algebra is followed by studying mathematical induction, graphical interpretation of formulae, theory of equations, the formation and use of Logarithms and such other topics as are necessary for the study of trigonometry, analytics and calculus. Prerequisite: intermediate algebra. Eight hours per week. Three semester hours credit. Mr. Hoyt.

*303s. Trigonometry. Treats of measurements by means of ratios formed by the sides of triangles. Fundamental formulae are developed from these ratios or functions. The application of trigonometry to measurement is illustrated by the use of the transit by the class. Prerequisite: College Algebra. Eight hours per week. Three semester hours credit. Mr. Ebert.

304s. Plane Analytics. The relation of a curve to its equation and the equation to its curve with reference to both rectangular and polar coordinates forms the basis of this course. Numerous problems concerning straight lines, conics, and other curves are solved in order to acquaint the student with the analytic method. Junior elective. Eight hours per week. Three semester hours credit. Mr. Ebert.

*402s. History of Mathematics. Deals with the development of arithmetic and other mathematics as it has come down to us through inscriptions on tablets and other materials and fragmentary, ancient manuscripts still preserved in museums. Great men and their contributions to mathematics are given considerable attention throughout the whole discussion. Senior elective. Eight class hours per week. Three semester hours credit. Mr. Ebert.

* Note: Of the two courses marked * the one will be offered which has the larger enrollment.

SCIENCE

Sc. 123s. Bacteriology. Study of morphology, distribution and relative importance of bacteria, yeast and moulds. Laboratory periods given to the study of growth characteristics and physiological changes produced by micro-organisms. Elementary work in Bacteriology of milk, water and food. Much emphasis upon relation of micro-organisms to personal and community health. This course is accepted for certification in the Concentration in Science and for dental hygienists. Ten class hours per week including laboratory. Three semester hours credit. Miss Dupre.

*Sc. 201s. Physics I. First semester of the regular course in Physics covering primarily mechanics and heat, with the purpose of conveying a better and more scientific understanding of the present day highly mechanized mode of living. It is the purpose of this course to indicate the possibility of demonstrating physical laws with simple, inexpensive and occasionally home-made equipment. Required of all Industrial Arts sophomores. It may be elected for credit towards a science concentration by students in the third or fourth year of the general college department. Ten class hours per week including laboratory. Three semester hours credit. Mr. Roesser.

Sc. 202s. Physics II. A course in college physics covering units in sound, light and electricity. The work will cover the modern applications of the theories of these branches of the science. Numerous demonstrations and individual laboratory work will serve to illustrate the development of physics and its bearing on our environment. Ten hours per week including laboratory. Three semester hours credit. Mr. Roesser.

Sc. 205s. Zoology. A study of the structure and physiology of a series of animal types that illustrate the stages of evolution of animal life. The development of general concepts, principles and generalizations dealing with adaptations and adjustments to changing environmental factors are emphasized. Elective for sophomores. May be taken by advanced students on the old curriculum if they have not had the equivalent. Ten class hours per week, including laboratory. Three semester hours credit. Mr. Fretz.

Sc. 206s. Botany. The structure and physiology of the various types of plant life are studied to illustrate the different stages in the evolution of plants. The major part of the course is academic in character but special attention is given to the development of demonstrations, activities, and experiments for use at the various school levels. Lectures and demonstrations, supplemented by field and museum trips constitute the major work of the course. Elective for Sophomores in the new curriculum. Ten class hours per week including laboratory. Three semester hours credit. Mr. Fretz.

Sc. 301s. Chemistry I. The course is the first half of a six-hour sequence in Chemistry. The work will consist of a thorough introduction and grounding in elementary inorganic college chemistry laying the foundation for the understanding of commercial and industrial manufacturing procedure. It consists of a study of general theory together with the more recent applications to our immediate environment. This course is required of all Industrial Arts juniors. It may be elected for credit towards a science concentration by students in the third or fourth year of the general college department. Ten class hours per week including laboratory. Three semester hours credit. Miss Dupre.

*Sc. 302s. Chemistry II. This is the second semester of a course in college chemistry. The chemistry of the modern industrial processes is studied in detail. Both lectures and laboratory experiments will treat

* Note: Of the two courses marked * the one will be offered which has the larger enrollment.

of the metals industry, including electro-plating, heat treatment, etching and coloring. Paper manufacture points, varnishes and lacquers, inks, textiles, plastics, adhesives, abrasives and building materials are discussed. Ten hours per week including laboratory. Three semester hours credit. Mr. Roesser.

Sc. 321s. Introduction to Aviation. This course will introduce the teacher to materials essential in bringing the air age to the public school pupil. Such topics will be introduced as: the impact of the air age on modern culture; importance of aviation education; materials to relate aviation to social studies, science, mathematics, industrial arts, home economics, and art classes; the political, economic and international implications of the air age. Elementary facts and principles involved in plane construction and operation, meteorology, and aerodynamics will be presented. The course will be enriched by appropriate trips and experiences. Elective for third and fourth year students in Science. Five class hours per week. Two semester hours credit. Miss Palmer and others.

Sc. 415s. Descriptive Astronomy. This is a non-mathematical course in descriptive astronomy intended for elementary school and junior high school teachers, as well as for those desiring merely a cultural course. It will furnish a background of material from which the teacher may select the subject matter appropriate to her grade level. Opportunity will be provided for the students to become familiar with teaching devices which can be employed to make the subject more meaningful to elementary or junior high school students. Outdoor observations will supplement the work of the classroom. Eight class hours per week. Three semester hours credit. Mr. Haupt.

Sc. 420s. Meteorology. The course includes a study of the atmosphere, the methods of observing and recording the weather elements, the explanation of weather changes, the interpretation of the weather map, and the basic principles of forecasting. The relation of weather to man and his activities is considered. Features which apply to aviation will be given special emphasis. Five class hours per week. Two semester hours credit. Mr. Haupt.

SUMMER SESSION PROGRAM

JUNE 29-AUGUST 7, 1942

NOTE.—Students should take careful note of the fact that subjects carrying three or four semester hours of credit must be taken two periods per day in order to secure regular credit. Certain other courses also require double periods. Such courses are indicated on this program thus (*).

Where more than one course is scheduled at any period for an instructor, the course having the larger enrollment will be given. Such courses are indicated by a (#).

The number in parentheses after each course refers to the number of the course as described in the Summer Session catalog; e.g. (Ed. 440s) refers to the course in Elementary School Principalship A. For explanation of numbers, see "Numbering System" on page 16 of the Summer Session catalog.

Students will avoid errors in the selection of subjects by carefully consulting the catalog for statements of courses. Students should avoid taking courses that duplicate previous work and thereby losing credit. If in doubt, consult Faculty members or the Registrar.

For convenience in locating courses in any period, Fourth Year Courses (numbers 400 and above) are first in order in each period, Junior Courses (300's) are second in order. In like manner Sophomore and Freshman Courses follow in order. So far as possible these numbers in each year of the curriculum are arranged in numerical order from highest to lowest.

FIRST PERIOD—8:10-9:00

Course of Course and Cat. No.	Instructor	Room
Elementary School Principalship B (Ed. 441s)*..	Mr. Pugsley	P 114
Teaching of Reading (Ed. 435s)* Section 1.....	Miss Hirsch	P 211
Masterpieces of XIXth Century (G.L. 432s).....	Mr. Messner	223
Astronomy (Sc. 415s)*.....	Mr. Haupt	V 206
American Foreign Relations (S.S. 403s)*.....	Mr. Stewart	118
Geography of Europe (Geo. 403s).....	Miss Svec	116
Conservation of Natural Resources (Geo. 407s).....	Miss Svec	116
Principles of Education (Ed. 402s)*.....	Mr. Horn	220
Crafts Workshop (Crafts 400s)*.....	Mr. Winebrenner.	Shop
Kindergarten Education I (Ed. 305s)*.....	Miss Jamison ...	P 1
American Literature (Eng. 304s)* (Section 1)...	Miss Mulholland..	218
Europe Since 1914 (S.S. 303s).....	Mr. Park	214
Poetry (Eng. 302s).....	Mr. Lappin	V 203
Physics II (Sc. 202s)*.....	Mr. Roesser	V 4
College Algebra (Math. 201s)*.....	Mr. Hoyt	106
Bacteriology (Sc. 123s)*.....	Miss Dupre	V 210
Psychology of Physically Handicapped.....	Mr. Crayton	P 213

SECOND PERIOD—9:10-10:00

Name of Course and Cat. No.	Instructor
Elementary School Principalship B (Ed. 441s)* ..	Mr. Pugsley ..
Teaching of Reading (Ed. 435s)* (Section 1)	Miss Hirsch
Modern Biography (Eng. 425s)*	Mr. Lappin
Fine and Functional Arts (Art 423s)*	Mr. Czurles
Recent Drama (Eng. 427s)	Mr. Crain
Astronomy (Sc. 415s)*	Mr. Haupt
Geography of New York State (Geo. 406s)	Mrs. Hart
American Foreign Relations (S.S. 403s)*	Mr. Stewart
Principles of Education (Ed. 402s)*	Mr. Horn
Crafts Workshop (Crafts 400s)*	Mr. Winebrenner
Modern Social Trends (S.S. 401s)*	Mr. Albright
Kindergarten Education I (Ed. 305s)*	Miss Jamison
American Literature (Eng. 304s)* (Section 1) ..	Miss Mulholland ..
American Civilization and Government II (S.S. 302s)*	Mr. Mason
Physics II (Sc. 202s)*	Mr. Roesser
College Algebra (Math. 201s)*	Mr. Hoyt
Bacteriology (Sc. 123s)*	Miss Dupre
Orthopedic Practicum (3 periods)* plus	Miss Henry
Sight Conservation Practicum (3 periods)*	Miss Carter
Speech Education (Special Speech Teachers)*	Miss Reuter

THIRD PERIOD—10:10-11:00, Tuesday, Wednesday and Friday, CLAS
10:10-11:15, Monday and Thursday, ASSEMBLY

Name of Course and Cat. No.	Instructor
Elementary School Principalship A (Ed. 440s)* ..	Mr. Steel
Teaching of Reading (Ed. 435s)* (Section 2)	Miss Allen
Modern Biography (Eng. 425s)*	Mr. Lappin
Fine and Functional Arts (Art 423s)*	Mr. Czurles
Comparative Governments of Europe (S.S. 412s)* ..	Mr. DeMond
Short Story (Eng. 408s)*	Mr. Thurber
Economic Geography (Geo. 402s)*	Miss Svec
Modern Social Trends (S.S. 401s)*	Mr. Albright
Plane Analytics (Math. 304s)*	Mr. Ebert
Nutrition (H.Ec. 302s)*††	Miss Johnson
American Civilization and Government II (S.S. 302s)*	Mr. Mason
Zoology (Sc. 205s)*	Mr. Fretz
Child Behavior (Ed. 102s)*	Miss Quayle
Orthopedic Practicum (3 periods)* plus	Miss Henry
Sight Conservation Practicum (3 periods)*	Miss Carter
Speech Education (Special Speech Teachers)*	Miss Reuter

ASSEMBLY

There will be two Assembly periods per week, 10:10-11:15, Monday and Thursday. These periods will be devoted to a variety of activities, including

lectures by prominent educational leaders and publicists, entertainments, readings, moving pictures and educational films, and community singing directed by Mr. Crain. The Assembly will be one of the most valuable features of our Summer program and all should take advantage of it. The "Summer Session Record" will keep students informed of the Assembly programs. The Assembly programs and the "Record" are financed by the incidental fee paid at the time of registration. We hope also to arrange another valuable feature of the session in the form of conference periods to be scheduled at 3:15, at which time students will have opportunity to meet the visiting faculty members in round table discussions. These conferences will not be limited to members of the respective classes.

LUNCH PERIOD

Students must plan for a lunch period in making their elections. The cafeteria will be open from 11:15-1:30.

FOURTH PERIOD—11:10-12:00 Tu., Wed., Fri. (11:25-12:15 Mon., Thurs.)

Name of Course and Cat. No.	Instructor	Room
Personnel Work and Guidance (Ed. 455s)	Mr. Grabau	V 104
Elementary School Principalship A (Ed. 440s)* ..	Mr. Steel	P 201
Teaching of Reading (Ed. 435s)* (Section 2)	Miss Allen	P 211
Masterpieces of Middle Ages (G.L. 421s)	Mr. Messner	223
Speech Education and Correction (Eng. 421s)† ..	Miss Reuter	120
Oral Speaking (Eng. 418s)	Miss Goossen	120
Comparative Governments of Europe (S.S. 412s)* ..	Mr. DeMond	118
History of Latin America (S.S. 411s)*¶	Mr. Stewart	119
Colonial Possessions of United States (Geo. 410s) ..	Mr. Shaw	116
Short Story (Eng. 408s)*	Mr. Thurber	217
Economic Geography (Geo. 402s)*	Miss Svec	115
Contemporary Literature (Eng. 402s)*	Mr. Crain	214
Aircraft (Crafts 401s)*	Mr. Winebrenner ..	Shop
Juvenile Literature (Ed. 310s)*	Miss Hirsch	P 211
Plane Analytics (Math. 304s)*	Mr. Ebert	106
Nutrition (H.Ec. 302s)††	Miss Johnson	V 216
Chemistry I (Sc. 301s)*	Miss Dupre	V 211
Zoology (Sc. 205s)*	Mr. Fretz	V 210
Child Behavior (Ed. 102s)*	Miss Quayle	220
Mental, Social and Vocational Adjustments*	Mr. Crayton	P 213
Orthopedic Practicum (3 periods)* plus	Miss Henry	P 207
Sight Conservation Practicum (3 periods)*	Miss Carter	P 209

FIFTH PERIOD—12:10-1:00 Tu., Wed., Fri. (12:25-1:15 Mon., Thurs.)

Name of Course and Cat. No.	Instructor	Room
Supervision of the Elementary School A (Ed. 442s)*	Mr. Pugsley	P 114
Meteorology (Sc. 420s)	Mr. Haupt	V 208
History of Latin America (S.S. 411s)*¶	Mr. Stewart	119
Zoology (S.S. 402s)*	Mr. Albright	V 6

Name of course and Cat. No.	Instructor
Contemporary Literature (Eng. 402s)*	Mr. Crain
Stagecraft (Crafts 401s)*	Mr. Winebrenner
Juvenile Literature (Ed. 310s)*	Miss Hirsch
#American Literature (Eng. 304s)* (Section 2)	Miss Mulholland
#The Novel (Eng. 406s)*	Miss Mulholland
Chemistry I (Sc. 301s)*	Miss Dupre
General Geography (Geo. 301s)*	Mrs. Hart
General Mathematics (Math. 101s)*	Mr. Hoyt
Mental Social and Vocational Adjustments*	Mr. Crayton

SIXTH PERIOD—1:10-2:00 Tu., Wed., Fri. (1:25-2:15 Mon., Thurs.)

Name of Course and Cat. No.	Instructor
Safety Education (Ed. 461s)	Mr.
Supervision of the Elementary School A (Ed. 442s)*	Mr. Pugsley
#Masterpieces of Renaissance (G.L. 422s)	Mr. Messner
#Roman Life and Institutions (Lat. 302s)	Mr. Messner
Oral Interpretation of Literature (Eng. 420s)	Miss Goossen
Geography of Latin America (Geo. 408s)*¶	Mr. Shaw
American Economic History (S.S. 402s)*	Mr. Grabau
Sociology (S.S. 402s)*	Mr. Albright
#History of Mathematics (Math. 402s)*	Mr. Ebert
#Trigonometry (Math. 303s)*	Mr. Ebert
Drama (Eng. 401s)*	Mr. Thurber
Kindergarten Education II (Ed. 305s)	Miss Jamison
#American Literature (Eng. 304s)* (Section 2)	Miss Mulholland
#The Novel (Eng. 406s)*	Miss Mulholland
#Physics I (Sc. 201s)*	Mr. Roesser
#Chemistry II (Sc. 302s)*	Mr. Roesser
General Geography (Geo. 301s)*	Mrs. Hart
American Civilization and Government I (S.S. 301s)*	Mr. DeMond
Botany (Sc. 206s)*	Mr. Fretz
Essentials of Art I & II (Art 101-2s)*	Mr. Czurles
General Mathematics (Math. 101s)*	Mr. Hoyt
Orientation in Education (H-3s)*	Mr. Root
Health Service in Public Schools (Tu., W., F.)	Miss Roach

SEVENTH PERIOD—2:10-3:00 Tu., Wed., Fri. (2:25-3:15 Mon., Thurs.)

Name of Course and Cat. No.	Instructor
Introduction to Aviation (Sc. 420s)	Miss Palmer
Oral Interpretation of Literature (Eng. 420s)*	Miss Goossen
Geography of Latin America (Geo. 408s)*¶	Mr. Shaw
Mental Hygiene (Ed. 406s)	Miss Quayle
American Economic History (S.S. 402s)*	Mr. Grabau
Health Protection (H.E. 402s)*†x	Miss Roach
#History of Mathematics (Math. 402s)*	Mr. Ebert

Name of course and Cat. No.	Instructor	Room
Trigonometry (Math. 303s)*	Mr. Ebert	106
Drama (Eng. 401s)*	Mr. Thurber	217
Chemistry II (Sc. 302s)*	Mr. Roesser	V 211
Physics I (Sc. 201s)*	Mr. Roesser	V 4
American Civilization and Government I (S.S. 301s)*	Mr. DeMond	118
Botany (Sc. 206s)*	Mr. Fretz	V 210
Principles of Economics (S.S. 204s)	Mr. Mason	117
Essentials of Art I & II (Art 101-2s)*	Mr. Czurles	209
Orientation in Education (H-3s)*	Mr. Root	222

x Dental Hygiene students desiring 3 hours credit for certification should take this course plus 3 additional hours per week of Health Service in Public Schools.

† Students desiring preliminary certification in Orthopedic work this summer should take the course in English 421s, Speech Education and Correction, 10-12:00.

‡ Students desiring three hours credit must take the work at the third and fourth periods. For 2 hours credit take only the fourth period.

§ Five hours per week of physical and recreational activity is required of all students in H. E. 402s. This work may be done at 3 o'clock.

¶ The courses in Geography and History of Latin America are planned as parallel courses for the benefit of teachers interested in integrated social studies.