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### College Catalog, 1948, Summer

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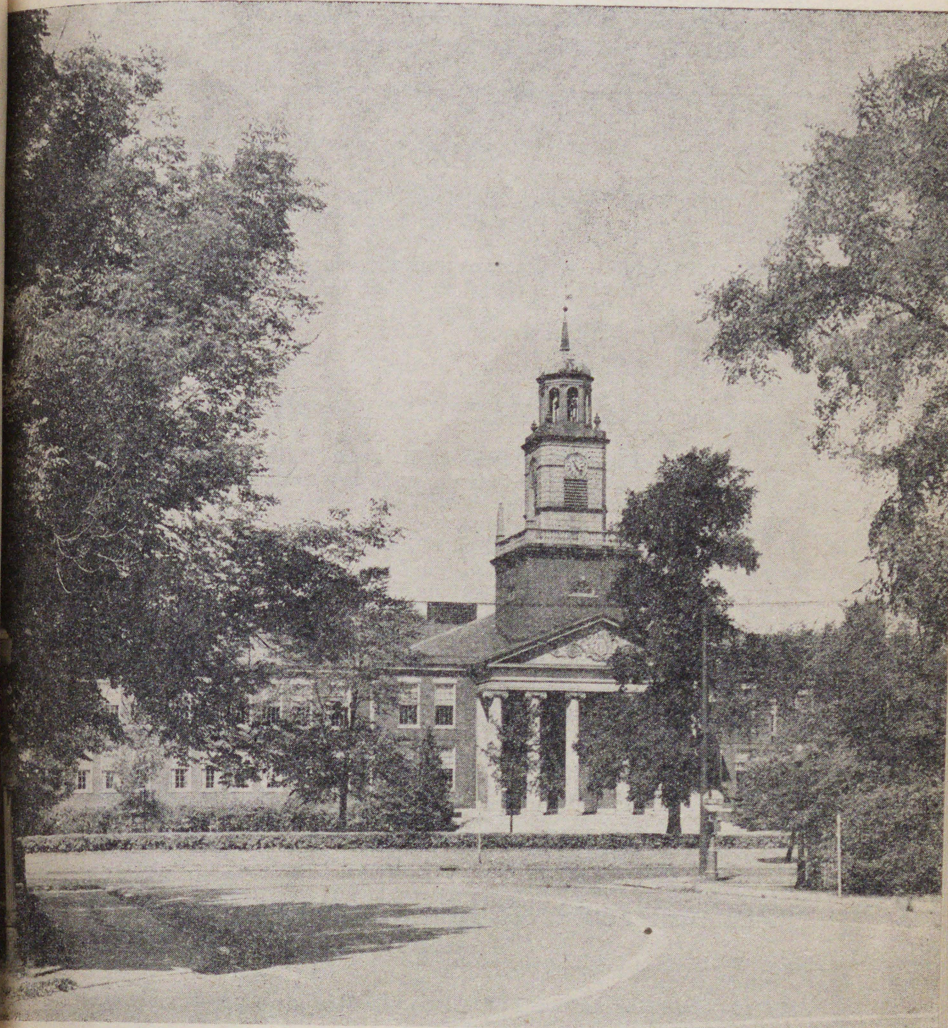
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SIXTH PERIOD — 1:10-2:00

Name of Course	Catalog No.	Instructor	Room
Children's Literature.....	Eng. 210s	Mrs. Ganey	218
*Choral Speaking.....	Eng. 218s	Miss Goossen	120
Field Studies in Science.....	Sci. 501s	Dr. Fretz	V-208
Seminar in Elementary Education.....	Ed. 402s	Dr. Sloan	222
Sociology, Juvenile Delinquency.....	S.S. 417s	Dr. Albright	119
Victorian Literature.....	Eng. 431s	Mr. Drew	214
Workshop in Crafts.....	Art 400s	Mr. Winebrenner	Craftshop

NEW YORK  
**STATE COLLEGE FOR TEACHERS**  
 BULLETIN

**Buffalo • New York**



**1948 Summer Session Announcements**  
**Graduate and Undergraduate Departments**

PERIODICALS DEPARTMENT  
 EDWARD H. BUTLER BLDG.  
 STATE UNIVERSITY COL.  
 1300 ELMWOOD AVENUE  
 BUFFALO, N. Y. 14222

NEW YORK STATE COLLEGE FOR TEACHERS

BULLETIN

Summer Catalogue Issue April 1948 Vol. XVI, No. 2
One of Four Publications Issued Quarterly by New York State College for Teachers, Buffalo 9, N. Y.

Entered as second-class mail matter, November 3, 1932, at the Post Office at Buffalo, N. Y., under the act of August 24, 1912. Acceptance for mailing at special rate authorized December 13, 1932.

CALENDAR

- July 5-8:00 P.M.—Faculty meeting (Accelerated, Graduate, Undergraduate Six Weeks Session), Social Center B.
July 6-8:30 A.M.—All Veterans attending summer session under G.I. benefits, report to either V-108 or V-109, Industrial Arts Building for further instructions regarding registration.

GRADUATE REGISTRATION

- 8:30 A.M.—Assembly in Auditorium, Main Building, for all Graduate Students, except Veterans. Important announcements.
9:00 A.M.—Registration and payment of fees, Graduate Department to noon, including Graduate Veterans, 6 weeks session college gymnasium.

UNDERGRADUATE REGISTRATION

- 12:30 P.M.—Assembly in Auditorium, Main Building, for all Undergraduate students, 6 weeks session. Important announcements.
1:00 P.M.—Registration and payment of fees, Undergraduate including Veterans not accelerated, 6 weeks session College Gymnasium.

PENALTY FOR LATE REGISTRATION AFTER TODAY

- July 7—Classes begin, as scheduled, in all departments.
July 10—Saturday session in all departments. Regular Monday schedule make up July 5th. Last day for registration with penalty. No program changes or refunds after noon today.
Aug. 13—Six weeks session closes (Graduate and Undergraduate classes).
Aug. 27—Accelerated Session closes.

SUMMER SESSION FACULTY

- Harry W. Rockwell President
Ralph Horn Director of Summer Session
Richard G. Dyer-Hurdon Registrar
Robert W. Goehle Financial Secretary
Catherine E. Reed Dean of Women, Chairman of Summer Session Housing
Frances G. Hepinstall Head Librarian
Robert E. Albright Sociology, Economics
Edwin F. Arthur Science
Kathleen L. Barber Science, Nurse
Arthur L. Bradford English
Allan P. Bradley Director of Graduate Workshop
M. Frances Breen Library
Donald G. Brossman Industrial Arts
H. Emmett Brown Science
Marion Buehholz Library
Burton Cadro Industrial Arts
Louis J. Callan Industrial Arts
J. E. Cobb Education
Clarence A. Cook Industrial Arts
Sherman G. Crayton Education
Stanley A. Czurles Art
Eugene L. G. Dakin Art
Ernest R. Dalton Social Studies
Howard T. Dunklin Psychologist for Reading Clinic
Laura D. Dunklin Director of Reading Clinic
Rueben S. Ebert Mathematics
John Fontana Industrial Arts
Maurice H. Fouracre Education of Handicapped Children
Raymond M. Fretz Science
Hertha Ganey English

PERIODICALS DEPARTMENT
EDWARD L. BIRCH
STATE UNIVERSITY COLLEGE
1300 ELMWOOD AVENUE
BUFFALO, N. Y. 14222

- Muriel Kathryn Garten ..... Reading Clinic  
Reading Clinician, New Rochelle, N. Y.
- Andrew W. Grabau ..... English  
Assistant Professor of English, N. Y. State College for Teachers at Buffalo
- Benjamin Gronewold ..... English  
Professor of English, N. Y. State College for Teachers at Buffalo
- Owen Harlan ..... Industrial Arts  
Assistant Professor of Industrial Arts, N. Y. State College for Teachers at Buffalo
- Kathryn Hefferman ..... Social Studies Consultant  
Marcellus Central School, Marcellus, N. Y.
- Oscar E. Hertzberg ..... Education  
Head of Education Department, N. Y. State College for Teachers at Buffalo
- Max E. Hodges ..... Music  
Instructor in Music, N. Y. State College for Teachers at Buffalo
- Hazel Luella Ingersoll ..... Social Studies, Home Economics  
Professor of Home Economics, N. Y. State College for Teachers at Buffalo
- Mary L. Jamison ..... Education  
Instructor in Kindergarten, School of Practice, N. Y. State College for Teachers at Buffalo
- Eleanor Kelly ..... Grades 3 and 4  
School of Practice, N. Y. State College for Teachers at Buffalo
- Albert C. Lindeman ..... Industrial Arts  
Instructor in Industrial Arts, Geneva High School, Geneva, N. Y.
- Henry Mandel ..... Industrial Arts  
Instructor in Transportation, N. Y. State College for Teachers at Buffalo
- Carol Y. Mason ..... Geography  
Associate Professor of Geography, University of Tulsa, Oklahoma
- Oreana Merriam ..... Home Economics  
Assistant Professor of Home Economics, University of Massachusetts, Amherst, Mass.
- Charles M. Messner ..... English  
Head of Language Department, N. Y. State College for Teachers at Buffalo
- Edward L. Morrice ..... Industrial Arts  
Assistant Professor of Industrial Arts, N. Y. State College for Teachers at Buffalo
- Emerson E. Neuthardt ..... Industrial Arts  
Assistant Professor of Industrial Arts, N. Y. State College for Teachers at Buffalo
- Irving C. Perkins ..... Industrial Arts  
Head of Industrial Arts Department, Co-ordinator of Veterans Affairs, N. Y. State College for Teachers at Buffalo
- Harold F. Peterson ..... History  
Head of History Department, N. Y. State College for Teachers at Buffalo
- Sara C. Piatt ..... Home Economics  
Assistant Professor of Home Economics Education, N. Y. State College for Teachers at Buffalo
- Jennie Pickman ..... Education for Handicapped  
Teacher of Occupational Education, P.S. 10, Brooklyn, N. Y.
- Marvin A. Rapp ..... History  
Assistant Professor of History, N. Y. State College for Teachers at Buffalo
- Gladys Ruth Reid ..... Education for Handicapped  
Assistant Professor of Education for Handicapped, N. Y. State College for Teachers at Buffalo
- Helen E. Rimkus ..... Library  
Assistant Librarian, N. Y. State College for Teachers at Buffalo
- Conrad J. Schuck ..... English  
Instructor in English, N. Y. State College for Teachers at Buffalo
- Siguard W. Sheel ..... Science  
Instructor in Science, N. Y. State College for Teachers at Buffalo
- George R. Sherrie ..... Coordinator of Field Services  
Coordinator of Field Services, N. Y. State College for Teachers at Buffalo
- Paul W. Sloan ..... Education  
Professor of Education, N. Y. State College for Teachers at Buffalo
- D. Paul Smay ..... Art  
Assistant Professor of Art, N. Y. State College for Teachers at Buffalo
- Harry J. Steel ..... Director of Summer Demonstration School  
Director of Training, Professor of Education, N. Y. State College for Teachers at Buffalo

- Edgar H. Strong ..... Industrial Arts  
Instructor of Ceramics, N. Y. State College for Teachers at Buffalo
- Natalie Truscott ..... Grades 7 and 8  
Instructor 5th Grade, School No. 52, Buffalo, N. Y.
- Laura F. Ulery ..... Graduate Workshop  
Coordinator, Kindergarten to Grade 6, Public Schools, Detroit, Mich.
- John Urban ..... Science  
Professor of Science, N. Y. State College for Teachers at Buffalo
- Howard J. A. Vernon ..... History  
Instructor in History, N. Y. State College for Teachers at Buffalo
- Burton S. Waagen ..... Industrial Arts  
Instructor in Industrial Arts, N. Y. State College for Teachers at Buffalo
- D. Kenneth Winebrenner ..... Art  
Assistant Professor of Art, N. Y. State College for Teachers at Buffalo

### SPECIAL FEATURES OF THE 1948 SUMMER SESSION

1. New York State College for Teachers at Buffalo offers courses in its GRADUATE DEPARTMENT to elementary teachers. These courses lead to the degree of Master of Education and can be taken in any Summer Session or in the Saturday classes of the Extension Department during the regular college year. Graduate courses will be offered during the Summer Session of 1948 in Art Education, Education for Handicapped Children, Home Economics and Industrial Arts. While final approval of graduate courses in special departments has not been given by the State Department of Education, tentative proposed courses will be found, numbered 500 and above, in the descriptions of courses. (See pages 18-21).
2. A Reading Clinic offering teachers training in the diagnosis of reading difficulties and the development of remedial measures under the guidance of experts in this field.
3. A Workshop in Visual Aids in Education will offer an opportunity to become acquainted with the latest visual aids to teaching and will give students practical experience in operation and maintenance of various types of visual education apparatus.
4. A Workshop in the Crafts will be organized to give individual instruction in several forms of craft work including leather work, metals, ceramics, and jewelry. A Creative Art Workshop will enable the student to become familiar with various art materials suitable for art in the elementary grades, with emphasis on newer processes.
5. The Science program will feature Descriptive Astronomy and two courses in Field Studies. One course will include Biological and Geological field work, the other course will present Science Applications in a Metropolitan Area.
6. Offerings in history include courses in the European and American fields, and in Comparative Government. In sociology courses in the Community and Family Relationships will be presented.
7. English courses cover areas in Early European, English and American literature, as well as work in speech.

PERIODICALS DEPARTMENT  
STATE UNIVERSITY OF  
EDWAR BROOKFIELD  
1300 ELMWOOD AVENUE  
BUFFALO, N. Y. 14222

8. An accelerated program in Industrial Arts offers opportunities to veterans either for refresher courses or to continue their education which was interrupted by the war. No Freshman accelerated section will be admitted in the General Elementary Department this summer.
9. Courses for teachers of handicapped children leading towards certification in that field will be offered both on graduate and undergraduate levels.
10. Courses leading to specialization in Kindergarten Education will be offered this summer.
11. Special conferences based on the needs in elementary education today, and in the future.
12. Assembly programs featuring the best in music, science and literature, as well as prominent speakers in the field of education.
13. 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.
14. **Driver Education.** A special, intensive, one week course open to teachers who wish to qualify to teach driver education in the public schools will be offered July 19-23. This course is made possible through the cooperation of the New York State Department of Education, the American Automobile Association and the local Police Department. It is limited to licensed drivers, teachers or prospective teachers, and to a maximum enrollment of 25. Write to Dr. Robert E. Albright for registration blank and other particulars.

#### IDEAL LOCATION OF TEACHERS COLLEGE

New York State College for Teachers 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. 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, undergraduate, summer session is open to any person who has taught or who intends to teach the coming year in the schools of the State and regular session students who wish to make up courses or accelerate. No formal application for admission to the undergraduate 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.

Students wishing to apply for admission to the Graduate Department, please read special requirements found on pages 14-18 of this bulletin and write to Dr. Robert E. Albright, Director of Graduate Department, New York State College for Teachers, Buffalo 9, N. Y., for application blanks or further information.

#### FEES

The Board of Regents of the State of New York has authorized the collection of Summer Session fees, at a uniform rate, by all State Teachers' Colleges. For the Summer Session of 1948 the undergraduate fee will be \$7.00 for each credit hour of work taken by residents of New York, or \$10.00 for each credit hour taken by non-residents. An average undergraduate Summer Session program is six hours (\$42.00 fee), the maximum program is eight hours (\$56.00 fee). A late registration fee of \$1.00 per day will be collected from each student for each day after regular registration day, July 6th.

All graduate students pay \$10.00 per credit hour both in Summer Session and in the Extension Department.

#### RESIDENCE CENTERS

Accommodations at addresses recommended by the college or in additional centers listed for the Summer Session may be secured at the following rates:

Room and board at approximately \$12.00 per week for room and two meals a day.

Cooperative residence at \$4.50 for room and approximately \$3.50 for food costs.

Student helper job for 4 hours service per day in return for room, board and at least \$2.00 per week.

All inquiries concerning residence should be addressed to the Housing Committee, New York State College for Teachers, Buffalo 9, N. Y. Because of the present difficulties in securing accommodations, inquiries should be sent in as early as possible.

PERGOLINI DEPARTMENT  
 EDWARD A. PERGOLINI  
 STATE UNIVERSITY COLLEGE  
 1300 ELMWOOD AVENUE  
 BUFFALO, N. Y. 14222

### CREDIT

In obtaining undergraduate 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 undergraduate 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 Teachers Colleges entered upon a new curriculum for the preparation of elementary teachers. The senior year of this curriculum was completed and the first class was 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 sum-

mer. 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 transcripts 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 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 probably 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.

(9) **Graduate credit.** See graduate section, page 15.

### 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

PERIODICALS DEPARTMENT  
 EDWARD H. BENTLEY  
 STATE UNIVERSITY COLLEGE  
 1300 ELMWOOD AVENUE  
 BUFFALO, N. Y. 14222

Assembly Period (Monday and Thursday) .....	10:10-11:00
Fourth Class Period .....	11:10-12:00
Fifth Class Period .....	12:10- 1:00
Sixth Class Period .....	1:10- 2:00

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

## 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 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. Special effort has been taken to develop and arrange The Workshop in Elementary Education to meet these needs this summer.

**III. Curriculum for Elementary School Principals.** For the past eighteen 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. Changes in Requirements for Elementary School Principals' Certificate became effective January 1, 1944. For information write Division of Teacher Education, State Education Department, Albany, N. Y.

**IV. 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.

**V. The Graduate Department.** Graduate work leading to the degree Master of Education will be offered during the Summer Session in the field of Elementary Education and in the special fields of Art Education, Education for Handicapped Children, Home Economics and Industrial Arts. For complete statement of the graduate program see pages 14-21 of this bulletin.

## EDUCATION FOR TEACHERS OF THE HANDICAPPED

Buffalo State Teachers College has been selected by the New York State Board of Regents for the training of teachers of handicapped children. Students may qualify for certification in one of the fields of Special Education while meeting this requirement for the Bachelor's degree. Certification for teaching in their field requires a minimum of 12 semester hours of work distributed as follows:

Practicum in teaching classes of handicapped children (orthopedic, hard of hearing, sight-saving, speech correction) 4 to 6 hours.

Mental, Social and Vocational adjustments. 2 to 4 hours.

Psychology of the Handicapped. 2 to 4 hours.

Experienced teachers may complete their certification requirements with nine hours of prescribed courses provided they hold a four year degree in the field of General Elementary Education and provided they have taught for one full year in a special class such as the one for which they are certifying.

Some of the courses in this area are open to elementary teachers, principals, and supervisors who wish to orient themselves to this area of work and who wish to prepare themselves to meet the needs of individual children in their own schools.

Refer to Description of Courses for detailed information about the courses to be offered.

## READING CLINIC

A laboratory course in the diagnosis and remedial treatment of reading difficulties will be offered in our Summer Session program. The Reading Clinic Staff includes Mrs. Laura Dunklin, Remedial Reading Teacher at Elmwood-Franklin School and at the Buffalo Seminary as Director; Dr. Howard Dunklin, Psychologist for the Buffalo Public Schools as Psychologist; and Miss Muriel Kathryn Garten, Reading Clinician for the New Rochelle Public Schools as Remedial Teacher and Demonstrator.

The aims of the Reading Clinic are first, to prepare teachers for carrying on Remedial Reading Programs in their own schools or classrooms and, second, to remedy the difficulties of children who come to the clinic for help and to guide them toward competence in reading. The Reading Clinic is conducted every day of the Summer Session. Each student is encouraged to plan and carry out a program of study which will be most helpful to him in his professional work.

The course will be divided into four major divisions (1) 9:10 to 10:00, diagnosis and remedial instruction for pupils enrolled; (2) demonstrations and illustrations of diagnosis and remedial teaching with groups and with individuals given by the instructors; (3) 11:10 to 12:00 lectures devoted to the normal development of reading ability; physiological and psychological bases of learning to read; causes and prevention of reading disabilities; programs for group and individual appraisal of reading needs using informal

and standardized techniques; classroom and clinical procedures in developmental and corrective instruction in Reading and Spelling; and (4) 12:10 to 1:00, scoring of tests; interpretation of data; selection of materials; discussion of problems; and planning of remedial instruction.

This course gives six semester hours credit. Fees will be \$42.00 for the six hours credit. Registration will be limited to 30 students with experience in education. Registration before June 1st is urged to enable the Clinic to secure for each student the age and type of child he desires to teach. A place will be held open for each of the first thirty students who advise Mrs. Dunklin of their intention to attend. If, for any reason, an accepted student finds himself unable to attend the clinic, he should inform Mrs. Dunklin, thereby releasing his place for another student.

Students attending other courses may register for the lectures without credit and without fee. Visitors will be admitted only with the approval of the Director.

A limited number of pupils who have reading difficulties will be registered for diagnostic and remedial help. The fee will be \$15.00 for special supplies and instructional materials. Each child will be taught for one hour each day by an experienced teacher under the guidance of the staff. Anyone wishing to register his child for this clinical service may write to Mrs. Howard Dunklin, 123 Norwood Ave., Buffalo 13, N. Y.

### VISUAL EDUCATION

In view of the rapid expansion in the use of visual education as an avenue of learning, and to meet the growing demand of teachers for some training in the use of Visual Aids Material, a course will be offered this summer in that field. This will be conducted somewhat on the workshop basis, adjusted to meet the needs of those enrolled. Effort will be made to give students practical experience in the maintenance and operation of various types of visual education apparatus.

### EXTRA-CLASS ACTIVITIES

New York State College for Teachers, Buffalo has always been a strong advocate of the personal and professional values to be derived from a well balanced and planned program of extra-class activities. Students, in past summers have had many fine, interesting, and profitable experiences and have frequently written back to us expressing their deep appreciation of the program.

Our ideal location in the Queen City, Buffalo, places at the disposal of each student a large variety of recreational facilities, such as Delaware Park lake, museums, playgrounds, theatres, churches, Kleinhans Music Hall, etc. Educational trips in connection with class activities will be planned. A limited number of social programs will be arranged so that faculty and students may become acquainted and enjoy each other. The recreational facilities of the campus will be made available to the student. These include

swimming, tennis, and badminton. Conferences and panel discussions will be arranged for afternoons. And, as usual, an interesting and stimulating series of assembly programs will be arranged for your entertainment and professional improvement. As in the past, the Summer Session Record will be published to keep each student fully informed on what is taking place.

### THE ACCELERATED PROGRAM

The accelerated program this summer will be limited to veterans in the Industrial Arts Department.

### 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 ten 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 arrange for 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 for Registration.** It is important to note that a change in the time and procedure of registration will be made this summer. Consult the Calendar on page 2 for details. Graduate students, accelerated students (eight week course) and all veterans will report according to schedule on page 2, Tuesday morning, July 6th; undergraduate students, Tuesday afternoon, as scheduled.

INDUSTRIAL ARTS DEPARTMENT  
 EDWARD H. BUFFALO  
 STATE UNIVERSITY OF NEW YORK  
 1300 E. DELAWARE ST.  
 BUFFALO, N. Y. 14222



**Graduate Department Registration.** Application for Admission to the Graduate Department, in any field of study, must be filed not later than June 1st. Please write to the Director of Summer Session at once for the required blanks. If you have been admitted to the Graduate Department before this Summer Session, no pre-registration day notice is required.

**Undergraduate Registration.** No formal application for admission to the undergraduate department classes is required. Regular session students, entering the Summer Session, **must** have a permit from the Dean of the College, indicating the summer course load to be scheduled. No undergraduates in the 6 week session will be registered until Tuesday **afternoon**, July 6th.

**Veterans.** All veterans, graduate, eight weeks accelerated and undergraduate six weeks session, who are claiming benefits under G. I. bills please do not fail to report to Rooms V-108 or V-109 Vocational Building, Tuesday morning, July 6th, as scheduled on page 2. Representatives of the Veterans Administration will be present. This meeting is very important to all veterans.

**Text books and supplies.** Text books are usually assigned for all summer session classes. These along with any other college supplies may be purchased in the College Co-Op Bookstore on the ground floor of the Main Building. This is a cooperative bookstore maintained for the benefit of the 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.

## GRADUATE DEPARTMENT

### A. GENERAL STATEMENT.

On October 19, 1945 the Board of Regents approved the establishment of graduate courses at the New York State College for Teachers at Buffalo leading to the degree of Master of Education. These courses are offered during the Summer Session and in Extension classes. They are designed to meet the needs of elementary teachers who are desirous of enhancing their academic qualifications and their professional proficiency.

#### 1. Objectives and Nature of Proposed Graduate Work.

- a. To continue study of the previously obtained undergraduate preparation for the purpose of extending and supplementing professional knowledges and skills.

- b. To offer an opportunity to study another form of educational service in preparation for changing to such other type of service—e. g., from classroom teaching to administration or supervision or vice versa.
  - c. To provide training and experience in the field of educational research in order to foster more highly specialized knowledge in a chosen field.
2. Graduate work should be adapted to the increased maturity, to the richer background, to the stronger professional motivation and to the greater range of intellectual interests which characterize post-baccalaureate students in comparison with undergraduates. It places greater emphasis on self-directed reading and investigation, emphasizes independent and constructive thinking, ability to find, organize and evaluate evidence and defend conclusions. In seeking to achieve these goals, high standards of performance will be required.
  3. Instruction is characterized by:
    - a. Intimate supervision of collateral reading, assigned papers and free discussion in small seminar groups.
    - b. Minimum of formal lecturing.
    - c. Insistence on high standards of accomplishment in courses acceptable for degree.
    - d. Adequate measures of progress as indicated by appropriate evaluation techniques.

### B. STANDARDS FOR A GRADUATE DEGREE.

1. The quantitative requirement for the Master of Education degree shall be the completion of thirty-two semester hours of graduate credit.
2. No graduate degree shall be issued to a student who has not completed a minimum of a year's work in residence at Buffalo. If the residence has been met preceding candidacy for the Master's degree, up to one-fourth of the total requirement (8 hours) may be transferred as graduate credit from another accredited college or university. In any case, the last sixteen hours preceding the award of the Master's degree must be taken at Buffalo.
3. Five Summer Sessions of six weeks each shall be regarded as the usual period of attendance for the completion of the thirty-two hour requirement for the Master of Education degree.
4. No more than eight semester hours or its equivalent shall be taken in "off campus" Extension classes.
5. Students holding what would be regarded as a full-time position should not be permitted to receive graduate credit for more than four semester hours in one semester of Saturday or Extension courses, except by special action of the Graduate Council.
6. No credits toward the attainment of the graduate degree shall be recognized after the lapse of six years.
7. A candidate for the Master's degree shall satisfy all the pre-

scribed requirements for said degree within six years from the date of matriculation.

8. The scholastic requirement of faculty members responsible for the conduct of graduate courses shall be an earned Doctor's degree or its equivalent. In the case of teachers of special subjects, an appropriate combination of advanced study and successful teaching will be accepted in lieu of an earned Doctor's degree.

9. Off-campus Extension courses shall be taught only by regularly employed faculty members. A faculty member may be assigned to teach not more than one off-campus Extension course of two (2) semester hours a semester, or one off-campus Extension course of three (3) semester hours a college year.

10. A regularly employed public school teacher may be admitted during any college term of sixteen (16) to eighteen (18) weeks to one off-campus course with credit of two (2) or three (3) semester hours. In the summer Session a graduate student may be permitted to carry a maximum of one hour of credit per week, that is for six weeks' work, six (6) credits.

### C. ADMISSION REQUIREMENTS.

1. Admission to the Graduate Department is dependent upon:
  - (a) An approved bachelor's degree
    1. From a teachers college accredited by the American Association of Teachers Colleges.
    2. From a teachers college, college or university accredited by the appropriate regional accrediting agency, or on the accredited or approved list of either the state board of education or the state university of the state in which the institution offering the degree is located.
  - (b) Eligibility to teach in the area specified by undergraduate preparation.
  - (c) Undergraduate scholastic average of 2.30 or better, except in those cases where extenuating circumstances indicate justifiable modification.
  - (d) An acceptable teaching record as determined by a confidential statement from the applicant's Superintendent or Principal.
  - (e) Evidence from persons able to judge the candidate's fitness to undertake graduate study.
  - (f) In administering the above regulations, the Admissions Committee will be guided by the following statements:
    1. All applicants meeting the requirements indicated above will be admitted to the Graduate Department.
    2. In cases where it seems inadvisable to make exception to the undergraduate scholarship requirement, applicants will be advised to prove their fitness for admission to graduate study by the completion of six semester hours of undergraduate study.

3. Students holding a bachelor's degree from institutions not on the above mentioned accredited or approved list may, when their qualifications are strong, be admitted to graduate courses, but graduate status will be withheld until ability to do acceptable graduate work has been demonstrated by at least one semester of four hours credit in extension or one Summer Session of six hours credit.

2. Procedure for Admission is as follows:
 

At least one month in advance of registration, the applicant must:

  - (a) File on a special form an application for Admission to the Graduate Department.
  - (b) Arrange for the transmission of all official transcripts of all previous graduate and undergraduate study of collegiate status. An official transcript is interpreted as a record mailed directly from the college issuing it to the New York State College for Teachers at Buffalo.
  - (c) Arrange for the confidential report from the Superintendent or Principal.
  - (d) Request that three persons, able to judge the ability of the candidate to do graduate work, send a statement about the candidate to the Registrar of the College.

The above should be mailed to:  
 The Registrar  
 New York State College for Teachers  
 Buffalo 9, New York.

### D. GRADUATE CURRICULA FOR GENERAL ELEMENTARY EDUCATION.

1. The following tentative program has been formulated as the 32-hour required curriculum for those desiring a Master's degree in Elementary Education:
  - 6 semester hours—Seminar in Elementary Education and Supervision
  - 6 semester hours—Workshop in Elementary Education
  - 4 semester hours—Thesis
  - 6 semester hours—English and/or Social Studies
  - 6 semester hours—Unrestricted electives in one academic field
  - 4 semester hours—Electives in any field
2. For those who wish to qualify for the Elementary Principal or Supervisor Certificate, both temporary and permanent, the following curriculum is required:
  - 6 semester hours—Workshop in Elementary Education
  - 6 semester hours—Seminar in Elementary Administration or Supervision

- 6 semester hours—English and/or Social Studies
- 2 semester hours—Academic electives
- 4 semester hours—Thesis
- 8 semester hours—Unrestricted electives.

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## E. GRADUATE PROGRAM FOR TEACHERS OF SPECIAL SUBJECTS.

The Board of Regents at its September 1947 meeting authorized the Commissioner of Education to approve programs of study leading to the degree of Master of Education for teachers of special subjects. The graduate program for teachers of a special subject shall consist of not more than twelve (12) semester hours in advanced technical courses dealing with problems of the special field, and not more than ten (10) semester hours of advanced courses dealing with problems related to the special subject field; the remaining semester hours of study shall consist of advanced courses from the fields of English, the sciences, the social studies, and the fine and practical arts. As here used, the term "advanced course" shall mean a course which requires as a prerequisite the completion of a one-year undergraduate course of from four (4) to six (6) semester hours in the subject matter field.

Graduate courses will accordingly be offered during the Summer Session of 1948 and in Saturday Extension classes during the college year 1948-9 and thereafter in Home Economics, Industrial Arts, Art Education, and Education for Handicapped Children.

While final approval of graduate courses in special departments has not yet been given by the State Department of Education, tentative proposed graduate courses will be found numbered 500 and above in the descriptions of courses presented in this catalogue by the Home Economics, Industrial Arts, Art Education, and Department of Education for Handicapped Children.

For information regarding the graduate program of any of these departments, admission requirements and schedules of offerings write to the Director of the Department, Robert E. Albright, New York State College for Teachers, 1300 Elmwood Avenue, Buffalo 9, N. Y.

## F. DESCRIPTION OF GRADUATE COURSES TO BE OFFERED IN SUMMER SESSION, 1948.

### I. GENERAL ELEMENTARY EDUCATION.

**Ed. 500s. The Workshop in Elementary Education** will be offered for graduate students only. The Workshop will emphasize child development though each participant is expected to work on an individual problem. Wide use will be made of the demonstration school which, too, will specialize on a program of child development. Six semester hours credit. Mr. Bradley, Mrs. Ulrey.

An opportunity will be given to a limited group of graduate students to study and participate in the activities of a critic teacher in a campus elementary laboratory school. Apply to the Director of Training, Dr. Steel, for details.

**Ed. 501s. Seminar in Elementary Education.** An attempt is made to guide the graduate student to increase his abilities and to extend his willingness to use scientific educational research in solving problems in elementary education. Problems to be considered are: (1) the nature of scientific educational research, and (2) special problems selected by individual students from the area of elementary education. Eight class hours per week. Three semester hours credit. Dr. Crayton.

**Ed. 502s. Supervision.** An analysis of the principles and practices of supervision as they are related to the improvement of teaching and learning in elementary schools, including specific techniques, objective analysis of class room activities and concrete applications to every day problems. The course will consist of readings, lectures, reports, discussions, and tests with an opportunity to work on individual projects. Eight class hours per week. Three semester hours credit. Dr. Cobb.

**Ed. 503s. Elementary School Principalship A.** Organization of the Elementary School. Deals with the kinds of over-all organization of the elementary school and the relationships of curriculum and organization. Eight class hours per week. Three semester hours credit. Dr. Cobb.

**Ed. 506s. Philosophy of Education.** An attempt is made to guide the student to study critically certain principals underlying educational practices and to formulate a philosophy for his own teaching procedures. Major problems to be considered are: (1) changing conceptions of education, (2) education's responsibilities in a democratic society, (3) the nature of reflective thinking and its educational implications, and (4) some essential phases of a teaching procedure suggested by the democratic concept of education and other concepts discussed. Elective. Eight class hours per week. Three semester hours credit. Dr. Sloan.

**Eng. 505s. Studies in the Novel.** The reading of outstanding American, English and Continental novels pointed towards an understanding and appreciation of these novels; special research by each student on some particular aspect of the novels read or on the method of some one novelist. Eight class hours per week. Three semester hours credit. Dr. Gronewold.

**Eng. 506s. Studies in the Modern Drama.** General intellectual influences contributing to a renaissance of drama in Europe and America; Ibsen and the play of ideas; realism, naturalism, sociological drama. Readings and investigations. Eight class hours per week. Three semester hours credit. Dr. Bradford.

**Geog. 501s. Studies in Industrial Geography.** Intensive analysis of selected problems chosen from several aspects of economic geography. Selection is based on importance in current world problems and on student needs and interests. At least one study is made of an industry in the local area to give experience in field study. Prerequisite: 6 hours in Geography. Eight class hours per week. Three semester hours credit. Dr. Mason.

**Sci. 500s. Science in the Elementary Curriculum.** This course is designed to acquaint teachers of all elementary grades with the background, purposes and present scope of science in the elementary schools. A feature of the course will be a professionalized review of subject matter with demonstrations, experiments, motion pictures, as well as by extensive outside reading. Opportunity is given the class members to prepare experiments and demonstrations in laboratory periods and to present them before the class group. Ten class hours per week. Three semester hours credit. Dr. Urban.

**Sci. 501s. Field Studies in Science I.** Selected field studies, both group and individual acquaint the participants with the various areas in which "field studies" may be used. Each individual is expected to cover one or more areas intensively, the emphasis of topics being governed by the needs of the

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State Elementary Science Syllabus. Ecological relationships are expected to bind the various field studies into one unified program. Elective for Seniors with an average of B in science completed to date and to graduates with six hours of undergraduate science. Ten hours per week. Three semester hours credit. Dr. Fretz.

**Sci. 502s. Field Studies in Science II.** Science Applications in a Metropolitan Area. This course affords an opportunity to see how science principles are involved in the industrial and civic life of a metropolitan region, the Buffalo area. A feature of the course will be a number of visits to industrial concerns, research and other laboratories and to other places of science interest. Class work, featured by experiments and visual materials will clarify the science applications in the places visited. Elective for seniors with an average of B or better in science completed to date and to graduates with six hours of undergraduate science. Ten hours per week. Three semester hours credit. Dr. Brown.

**S. S. 502s. The United States and its Inter-American Relations.** A study of American policies toward the Latin-American republics and the Dominion of Canada, with emphasis on factors affecting the growth of hemisphere security; promotion of regionalism. Eight hours per week. Three semester hours credit. Dr. Peterson.

**S. S. 504s. History of the American Frontier.** Studies in the progress of settlement from the Atlantic to the Pacific, with special attention to the transmission of culture, developments in transportation, with process of state-making, the transition from agrarian to urban communities, and the social, economic, and political effects of the westward march upon the United States as a whole. Prerequisites: 18 hours in Social Studies, including six in American History and six in European History. Eight hours per week. Three semester hours credit. Dr. Rapp.

## 2. ART EDUCATION.

**Art. 502s. Art Education Today.** Study of contemporary programs, beliefs, practices, problems in art education, and their relationship to trends in general education. To help the individual art teacher the better to evaluate her program, beliefs, practices, knowledges and skills through a planned study of various city, county, and state art syllabi; important writings, studies and research; teaching aids, community resources and services. To become cognizant of needed developments and research in her own work and the field as a whole, and, of means by which these may be attained. Required of all Art Education students. Eight hours per week. Three semester hours credit. Mr. Smay.

**Art. 503s. Workshop in Using the Visual Language.** A study of the planning and organization of all types of visual phenomena to attain specific desired effects. An analysis of the psychological basis of effective composition with the visual elements: lines, forms, colors, textures, lights, and motions, irrespective of the substances, materials, objects, or settings in which they are found. Visual composition for all purposes. Depending on the needs, interests, and special responsibilities of the enrolled, the course will allow for individual study and application of compositional knowledge to immediate school and personal problems such as: preparation of visual aids, school publications, photography; organization and arrangement of objects, people, and properties for dramatics, ceremonials, games, special events and effective designing of special items for class, shop, or home use. Ten class hours. Three semester hours credit. Dr. Czurlas.

## 3. EDUCATION FOR HANDICAPPED CHILDREN.

**Ed. H. 503s. Speech Correction and Clinic.** Observation and individual participation in speech clinic. Training in remedial treatment of speech defects. Actual practice of speech corrections. Class limited to 15. Written by Dr. Fouracre for advanced enrollment. Ten class hours per week. Three semester hours credit. Dr. Reid.

**Ed. H. 513s. Seminar in Speech Science.** Anatomy, physics and physiology of speech. Lectures, readings, demonstrations and experimentation. Eight class hours per week. Three semester hours credit. Dr. Reid.

## 4. HOME ECONOMICS EDUCATION.

**H. Ec. 501s. Workshop in Home Economics Education.** Activities of the workshop will be based on the problems, needs, and interests of the participants. Opportunity will be afforded for study of the individual's problems in the field. Group conferences will be held for consideration of points of common interest or concern. Students will also engage in certain joint activities which form the common denomination of all their problems. Prerequisite: one or more year's of teaching. Credit: six semester hours. Mrs. Piatt.

**H. Ec. 502s. The Individual and the Family.** A study of personality development in contemporary American family life. Emphasis on the family as an important factor in shaping the growth and adjustment of children, adolescents, and adults. Designed for teachers who wish a greater understanding of their students and of themselves. Prerequisite: Psychology or Child Development. Eight hours per week. Three semester hours credit. Dr. Ingersoll.

**H. Ec. 504s. Problems in Foods and Nutrition.** Study of recent developments in foods and nutrition. As a result of this course, the student is expected to establish and maintain nutrition practices and to plan for and organize elementary and secondary school programs. Eight class hours per week. Three semester hours credit. Miss Merriam.

## 5. INDUSTRIAL ARTS EDUCATION.

**I. A. 500s. Workshop in Industrial Arts Education.** Individual or group studies of specific problems in any of the several activities in the New York State program of Industrial Arts. Problems may be selected from Junior or Senior High School levels, or in the area of adult education. Reports and free discussion will characterize the workshop. Eight class hours per week. Three semester hours credit.

**I. A. 501s. Seminar in Industrial Arts.** A survey course of current and special problems in Industrial Arts Education. Problems are selected on an individual and group basis according to student needs. The course is characterized by extensive research, reports, group and class discussion. Required of students registered for the degree of Master of Education. Eight hours per week. Three semester hours credit. Mr. Neuthardt.

**I. A. 502s. Field Studies Related to Industrial Arts Education.** Such studies may be made by the individual or by a group. The general theme for such studies should be the Boy and his Community, their Mutual Opportunities and Responsibilities. Because of the nature of this course, it is expected that candidates will examine carefully the educational offerings to be found in such industries as the airplane manufacture, machine trades, electrical industry, marine construction, and various minor occupations. Conferences are anticipated with personnel directors and training officers to be found in such plants in order to determine to the fullest the advantages of such knowledge to the Industrial Arts instructor. Other field studies may be considered subject to the approval of the graduate advisor. Reports of such studies should be prepared in suitable form for publication. Eight hours per week. Three semester hours credit. Mr. Brossman.

## DESCRIPTION OF UNDERGRADUATE COURSES

### ART

**Art. 400s. Workshop in Crafts.** Studio course in various crafts including: leather work, metal work, ceramics and jewelry. Class and individual instruc-

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tion with considerable election as to the projects to be undertaken. Ten class hours per week. Three semester hours credit. Mr. Winebrenner. Craft Shop.

**Art. 406s. Creative Art Workshop.** Activities and experiments in various art materials suitable for the elementary grades, with emphasis on the newer processes. Organized as a laboratory workshop with opportunity for individual experiment in various media, including water color, powder paint, finger paint, tempera, inks, dyes, crayon, paper, cardboard, wood, cloth, soap, clay, plaster, rubber, plastics, wire, thin metals, yarn and other materials. Ten class hours per week. Three semester hours credit. Mr. Winebrenner Mr. Dakin.

**Art. 407s. Puppetry.** The staging, creation and manipulation of shadow puppets, hand and finger puppets, hand and rod puppets, paper bag marionettes, and marionettes operated above by strings. Emphasis will be put on the place of puppetry in education at the various age levels. Ten class hours per week. Three semester hours credit. Mr. Dakin.

### OR

**Art. 408s. Creative Painting.** A studio course in various painting media including oil, watercolor, gouache and tempera. Individual instruction with wide variance of approach and theme taking advantage of the creative resources in the community. Special attention will be given to individuals new to the field as well as concentrated guidance to the experienced. Ten class hours per week. Three semester hours credit. Mr. Dakin.

## EDUCATION

**Ed. 102s. Child Development.** This course aims to give students an understanding of the theory and practice of principles underlying proper guidance and adjustment of children to life situations. Discussion will center on the emotional, mental, personal and social development of normal children, causes of deviation from normal behavior and how to overcome such maladjustments. Observations in the Campus School of Practice will be arranged to study and observe children. Eight class hours per week. Three semester hours credit. Prerequisite: Ed. 101 or equivalent. Dr. Hertzberg.

**Ed. 305s. Kindergarten Education.** A study of the school life and program for children from four to six years; the Parent-Child-Teacher relationship; areas of experience in art, music, language, science and social studies for the development of young children; acquaintance with educational materials and equipment to aid young children in their growth. Required for Kindergarten certification. Eight hours per week. Three semester hours credit. Miss Jamison.

**Ed. 307s. Psychology of the Pre-School Child.** An overall view of the cycle of development during the early years of childhood: the motor characteristics, the emotional expressions, social adjustments and personality. Consideration is given to problem behavior and to methods of guidance. Educational practices are evaluated in terms of the effect on the development of children. Observations of children will be scheduled. Recommended for Kindergarten certification. Five hours per week. Two semester hours credit. Miss Jamison.

**Ed. 402s. Seminar in Elementary Education.** An attempt is made to guide the student to integrate and to extend the experiences of the education sequence and focus these experiences on the professional character of teaching. Major problems to be considered are: (1) the place of science and philosophy in elementary school teaching, and (2) special problems of the classroom teacher in the State of New York. The central aim is to develop ability and willingness to use appropriate study habits and scientific methods of research in solving educational problems in a democratic society. Required

of fourth year students in General Elementary Division. **This course replaces Principles of Education.** Eight class hours per week. Three semester hours credit. Dr. Sloan.

**Ed. 433s. Workshop in Visual Education.** This course offers experience in the operation of movie, slide, printed picture, and object projection equipment. Study of kinds, sources of films, slides, models, and other visual presentation materials. Evaluation of procedures in ordering materials, incorporating them in the class program. Study and experience in mounting and matting material for bulletin boards. Arranging objects for display. Use of blackboard and other graphic demonstration materials. Five hours per week. Two semester hours credit. Mr. Smay.

**Ed. 485s. Reading Clinic.** Clinic hours 9:10 to 1:00. The major objective of this course is to prepare teachers for carrying on Remedial Reading programs in their own schools or classrooms.

Lectures will deal with identification of Reading disabilities, causes and types of disabilities, methods and materials of diagnosis and remedial instruction in reading and spelling, maladjustments and ways of dealing with them, prevention of reading disability, and setting up of effective remedial programs in schools. Ways of improving the students' own reading will be presented.

Laboratory. Each student will make a diagnosis of one child's reading disability and give needed instruction.

9:10 to 10:00 Diagnosis and instruction of pupils.

10:10 to 12:00 Lectures and demonstrations by the instructors and discussions of problems which arise.

12:10 to 1:00 Interpretation of pupil needs and planning of remedial instruction. Six semester hours credit. Mrs. Dunklin, Dr. Dunklin, Miss Garten.

## EDUCATION FOR THE HANDICAPPED

**EdH. 201s. Orientation in the Education of Exceptional Children.** A survey of the characteristics of typical children; their incidence; their mental, social and vocational adjustment. The principles of educating the blind, the cardiopaths, the deaf, and hard of hearing, the lowered vitality, the mentally defective, the orthopedically handicapped, the partially sighted, the reading defective, the speech defective and the socially maladjusted. Required course for those students wanting certification in special education. Eight hours per week. Three semester hours credit. Dr. Fouracre.

**EdH. 401s. Workshop in Education of Mentally Retarded Children.** Designed primarily to give the teacher wishing certification in the field of education of mentally retarded an opportunity to observe and to work with children with retarded mental development. Special problems of teaching in a typical classroom as well as curriculum adjustment and organization will be emphasized. Conference and discussion hour follows the dismissal of the children. Six semester hours credit. Mrs. Pickman, Dr. Fouracre.

## ENGLISH

**Eng. 204s. English Literature.** A study of the prose and poetry of the significant English writers from the beginnings through the Victorian period. Required of General Elementary sophomores; Home Economics and Industrial Arts juniors. Eight hours per week. Three semester hours credit. Mr. Schuek.

**Eng. 210s. Children's Literature.** A survey of literature written for children. The selection and examination of books for varying age levels, authors and illustrators, the technique of presenting literature to children by reading and telling stories, contributions in the field of children's poetry. Attention will be given to those units of the English Handbook which relate to this course. Elective for General Elementary Sophomores, Juniors and Seniors. Eight class hours per week. Three semester hours credit. Mrs. Ganey.

**Eng. 304s. American Literature.** Literature as an 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. Eight class hours per week. Three semester hours credit. Dr. Bradford.

**Eng. 306s. Advanced Speech.** A course related to speech activities in the practice teaching situation. Units of work covering a study of articulatory problems, the presentation of informative talks, poetry, reading, storytelling. Required of all General Elementary Juniors. Eight hours per week. Three semester hours credit. Dr. Gronewold.

**Eng. 406s. The Novel.** An examination of the great English novels of the nineteenth century both as words of art and as reflection of the social interests of the time. Elective for juniors and seniors. Eight hours per week. Three semester hours credit. Mr. Schuck.

**Eng. 440s. Greek Literature in English Translation.** Reading in English translation selections from Greek epic, lyric, history, drama, philosophy, satire, oratory, pastoral, biography. To acquaint students with the Greek background of modern literature constant reference is made to the influence of Greek literature upon the later literature of Europe and England. Elective for juniors and seniors. No prerequisite. Five hours per week. Two semester hours credit. Dr. Messner.

**Eng. 444s. Masterpieces of the Nineteenth Century.** Reading in English translation selected masterpieces of nineteenth century European literature. Rousseau and his disciples. Romantic poetry, fiction and drama. Realism, Naturalism and Symbolism in the various literary types. Among the authors included are Rousseau, Chateaubriand, Lessing, Goethe, Schiller, Heine, Manzoni, Hugo, Dumas, Hebbel, Balzac, Zola, Brieux, Ibsen, Tolstoi, Anatole France, Rostand, Maeterlinck. Elective for juniors and seniors. No prerequisite. Eight hours per week. Three semester hours credit. Dr. Messner.

### GEOGRAPHY

**Geog. 303s. Climatology.** The controls that determine the character of the world's climates. The climatic types and their distribution over the world, their characteristics, and their relation to plant and animal life, to physiographic processes, and to man and his activities. The interpretation and the graphic representation of climatic data. Elective for juniors and seniors. Five class hours per week. Two semester hours credit. Dr. Mason.

### HISTORY AND SOCIAL STUDIES

**S.S. 223s. The Community.** A study of the structure and problems of the contemporary American community. Topics to be studied include the economic functions of the community, types of communities, the metropolitan area, population trends, social control, local government, and welfare services. The textbook and collateral readings will be supplemented by practice in community survey techniques in order to enable the student to apply the general findings of the course to specific situations. Eight class hours per week. Three semester hours credit. Dr. Dalton.

**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; areas of friction; the League of Nations, World Court, rise of Fascism and events leading to World War II, important developments to the present time. 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. Vernon.

**S.S. 304s. American History to 1789.** Conditions in Europe influencing the discovery and settlement of the New World; economic causes of the

Revolution; establishment of the new government. Elective for juniors and seniors. Five class hours per week. Two semester hours credit. Dr. Rapp.

**S.S. 331s. Comparative Governments of United States, Canada, Britain and Russia.** The examination of the major concepts of political science and their operation. Topics to be discussed include the fundamental theories of democracy and dictatorship, the legislative process, the administrative process, the role of the judiciary, federalism, local government, and public opinion. Five class hours per week. Two semester hours credit. Dr. Dalton.

**S.S. 402s. Sociology.** The rise and development of culture; cultural change; social organization and social institutions. Required of General Elementary seniors and Art Education seniors. Eight class hours per week. Three semester hours credit. Dr. Albright.

**S.S. 410s. Modern Far Eastern History.** A survey of the political, economic, social and intellectual history of the Far East in the nineteenth and twentieth centuries, with emphasis upon the interaction of the West upon the East and of the East upon the West to show how the Far Eastern problem led to the recent Pacific war. Elective for juniors and seniors. Eight class hours per week. Three semester hours credit. Mr. Vernon.

**S.S. 411s. The History of Latin America: Colonial Period.** The course is a survey of Latin American civilization from the Spanish conquest to the revolutions for independence in the early part of the nineteenth century. Chief topics covered are physical environment, Indian background, European origins, conquest of the New World, transmission of European culture, colonial administration and society, colonial international relations, and the movements for independence. Five class hours. Two semester hours credit. Dr. Peterson.

**H. E. 412. Family Relationships.** Discussion of the psychological problems of marriage and family life in the world today, and the teaching of family relationships in secondary schools. Observation of parent study groups, staff meetings of guidance clinics and community organizations dealing with family problems. Elective for seniors not majoring in Home Economics. Five class hours per week. Two semester hours credit. Miss Ingersoll.

**S.S. 426s. Contemporary Economic Problems.** Review of basic economic problems before World War II; changes in war times; problems of reconversion and of the present peace time economy. Five class hours per week. Two semester hours credit. Dr. Albright.

### MATHEMATICS

**Math. 101s. General Mathematics.** Development and classification of numbers, formulas, equations, graphs, functions, the way of geometry, finance and investment, mathematics as a useful growing science. Required of General Elementary freshmen. Eight hours per week. Three semester hours credit. Dr. Ebert.

**Math. 201s. College Algebra.** Functionality, variation, progressions, complex numbers, mathematical induction, theory of equations, logarithms, permutations, combinations, probability, annuities, partial fractions, determinants, infinite series. Sophomore elective. Eight hours per week. Three semester hours credit. Dr. Ebert.

### MUSIC

**Music 305s. Music for Children.** A course designed to meet the classroom teacher in the use of music with emphasis on Nursery, Kindergarten and Primary levels—Songs, Rhythmic activity, the child voice, listening, creative music and instruments, the piano, games and dances, recordings, films, books. Elective for sophomores, juniors and seniors. Eight class hours per week. Three semester hours credit. Mr. Hodges.

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Music 404. **The Art of Enjoying Music.** An inquiry into the field of music with specific application to the advanced aesthetics of music. Elective for sophomores, juniors and seniors. Five class hours per week. Two semester hours credit. Mr. Hodges.

### SCIENCE

Sci. 202s. **Biology.** Second half of the year's course. Stresses the principles and theories which explain the structure, taxonomy, physiology, ecology, reproduction, genetics and development of plants and animals. Ten class hours per week. Three semester hours credit. Dr. Urban.

### OR

Sci. 206s. **Botany.** Study of structure and physiology of plant life. Laboratory exercises, field strips and demonstration are a significant part of the course. Ten class hours per week. Three semester hours credit. Dr. Urban.

Sci. 401s. **Genetics.** The principles of heredity are applied to individual studies of genetic problems in plant, animal, and human areas. Elective for Juniors and Seniors. Prerequisite: Biology 201-2 or its equivalent. Five hours per week. Two semester hours credit. Dr. Fretz.

Sci. 415s. **Descriptive Astronomy.** An introductory course. The story of the earth, our home in space, of its sister planets, and of the stars and star-galaxies in the vastnesses of space. Because of its appeal for elementary school children, astronomy is a valuable subject for elementary school teachers. Many visual aids are employed in the course. Elective for Juniors and Seniors. Five class hours per week. Two semester hours credit. Dr. Brown.

Sci. 421s. **Physiology and Hygiene.** Study of the anatomy and functions of the human body as related to the practices of personal hygiene; study of the health problem of the individual family and community. It will fill the needs of all persons who in the coming year will be concerned with personal living problems. Ten class hours per week; credit 3 semester hours. Miss Barber.

Sci. 501s. **Field Studies in Science I.** For description see listing under science—graduate courses.

Sci. 502s. **Field Studies in Science II.** For description see listing under science—graduate courses.

### SUMMER SESSION PROGRAM

July 6—August 13, 1948

NOTE.—Students should take careful note of the fact that subjects carrying three semester hours of credit must be taken two periods per day in order to secure regular credit. Certain other courses also require double periods. Courses bearing only two semester hours of credit are marked with an asterisk (\*).

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 after each course refers to the number of the course as described in the Summer Session catalog; e.g. (Eng. 304s) refers to the course in American Literature.

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

All courses are listed alphabetically by class periods. The number following name of each course indicates the year level. Graduate courses are numbered 500 and above; Senior courses are numbers 400-499; Junior, 300-399; Sophomore, 200-299; and Freshmen, 100-199.

### GRADUATE COURSES

#### FIRST PERIOD—3:10-9:00

Name of Course	Catalog No.	Instructor	Room
Philosophy of Education .....	Ed. 506s	Dr. Sloan	222
Problems in Foods & Nutrition.....	H.Ec. 504s	Miss Merriam	V-203
Science in the Elementary Curriculum	Sci. 500s	Dr. Urban	V-208
Seminar in Industrial Arts, Section A	I.A. 501s	Mr. Neuthardt	V-209
Seminar in Speech Science .....	Ed. H. 501s	Dr. Reid	S.P. 3
Studies in the Novel .....	Eng. 505s	Dr. Gronewold	218
Supervision .....	Ed. 502s	Dr. Cobb	221
The U. S. and its Inter-American Relations .....	S.S. 502s	Dr. Peterson	117
Workshop in Elementary Education..	Ed. 500s	Mr. Bradley Mrs. Ulery	S.P. 115
Workshop in Home Economics Education .....	H.Ec. 501s	Mrs. Piatt Dr. Ingersoll	V-201
Workshop in Industrial Arts Education, Section A .....	I.A. 500s	Mr. Harlan	V-108

#### SECOND PERIOD—9:10-10:00

Name of Course	Catalog No.	Instructor	Room
Philosophy of Education .....	Ed. 506s	Dr. Sloan	222
Problems in Foods & Nutrition.....	H.Ec. 504s	Miss Merriam	V-203
Science in the Elementary Curriculum	Sci. 500s	Dr. Urban	V-208
Seminar in Industrial Arts, Section A	I.A. 501s	Mr. Neuthardt	V-209
Seminar in Speech Science .....	Ed. H. 501s	Dr. Reid	S.P. 3
Studies in the Novel .....	Eng. 505s	Dr. Gronewold	218
Supervision .....	Ed. 502s	Dr. Cobb	221
The U. S. and its Inter-American Relations .....	S.S. 502s	Dr. Peterson	117
Workshop in Elementary Education..	Ed. 500s	Mr. Bradley Mrs. Ulery	S.P. 115
Workshop in Home Economics Education .....	H.Ec. 501s	Mrs. Piatt Dr. Ingersoll	V-201
Workshop in Industrial Arts Education, Section A .....	I.A. 500s	Mr. Harlan	V-108
Workshop in Using the Visual Language .....	Art. 503s	Dr. Czurler	211

#### THIRD PERIOD—10:10-11:00

Name of Course	Catalog No.	Instructor	Room
Field Studies in Science I .....	Sci. 501s	Dr. Fretz	V-208
History of the American Frontier ...	S.S. 504s	Dr. Rapp	118
Seminar in Elementary Education ...	Ed. 501s	Dr. Crayton	222
Seminar in Industrial Arts, Section B	I.A. 501s	Mr. Neuthardt	V-209
The Individual and The Family.....	H.Ec. 502s	Dr. Ingersoll	V-203
Workshop in Elementary Education ..	Ed. 500s	Mr. Bradley Mrs. Ulery	S.P. 115
Workshop in Home Economics Education .....	H.Ec. 501s	Mrs. Piatt	V-201
Workshop in Industrial Arts Education, Section B .....	I.A. 500s	Mr. Harlan Mr. Brossman	V-108
Workshop in Using the Visual Language .....	Art 503s	Dr. Czurler	211

LEVINSON'S DEPARTMENT  
 EDWARD H. LEVINSON  
 STATE UNIVERSITY OF  
 1330 ELMWOOD AVENUE  
 BUFFALO, N. Y. 14222

**ASSEMBLY**

There will be two periods per week set aside for Assembly, Monday 10:10-11:00 and Thursday 10:10-11:00.

**LUNCH PERIOD**

Students must plan for a lunch period in making their elections. The Cafeteria will be open from 10:50-1:15.

**FOURTH PERIOD—11:10-12:00**

Name of Course	Catalog No.	Instructor	Room
<sup>1</sup> Field Studies in Science I	Sci. 501s	Dr. Fretz	V-208
History of the American Frontier	S.S. 504s	Dr. Rapp	118
Seminar in Elementary Education	Ed. 501s	Dr. Crayton	222
Seminar in Industrial Arts, Section B	I.A. 501s	Mr. Neuthardt	V-208
Speech Correction and Clinic	Ed.H. 503s	Dr. Reid	S.P. 3
The Individual and The Family	H.Ec. 502s	Dr. Ingersoll	V-208
Workshop in Elementary Education	Ed. 500s	Mr. Bradley Mrs. Ulery	S.P. 115
Workshop in Home Economics Education	H.Ec. 501s	Mrs. Piatt	V-201
Workshop in Industrial Arts Education, Section B	I.A. 500s	Mr. Harlan Mr. Brossman	V-108
Workshop in Using the Visual Language	Art 503s	Dr. Czurles	211

**FIFTH PERIOD—12:10-1:00**

Name of Course	Catalog No.	Instructor	Room
Art Education Today	Art 502s	Mr. Smay	208
Elementary School Principalship A	Ed. 503s	Dr. Cobb	221
Field Studies in Industrial Arts	I.A. 502s	Mr. Brossman	V-9
<sup>2</sup> Field Studies in Science II	Sci. 502s	Dr. Brown	V-208
Speech Correction and Clinic	Ed. H. 503s	Dr. Reid	S.P. 3
Studies in Industrial Geography	Geog. 501s	Dr. Mason	114-5
Studies in the Modern Drama	Eng. 506s	Dr. Bradford	217
Workshop in Elementary Education	Ed. 500s	Mr. Bradley Mrs. Ulery	S.P. 115
Workshop in Home Economics Education	H.Ec. 501s	Mrs. Piatt Dr. Ingersoll	V-201

**SIXTH PERIOD—1:10-2:00**

Name of Course	Catalog No.	Instructor	Room
Art Education Today	Art 502s	Mr. Smay	208
Elementary School Principalship A	Ed. 503s	Dr. Cobb	221
Field Studies in Industrial Arts	I.A. 502s	Mr. Brossman	V-9
<sup>2</sup> Field Studies in Science II	Sci. 502s	Dr. Brown	V-208
Studies in Industrial Geography	Geog. 501s	Dr. Mason	114-5
Studies in the Modern Drama	Eng. 506s	Dr. Bradford	217
Workshop in Elementary Education	Ed. 500s	Mr. Bradley Mrs. Ulery	S.P. 115
Workshop in Home Economics Education	H.Ec. 501s	Mrs. Piatt Dr. Ingersoll	V-201

<sup>1</sup> In addition to class hours scheduled, one afternoon each week will be set aside for a field trip off campus. For prerequisites, see course writeup, page 19.

<sup>2</sup> Additional time may be required occasionally for off-campus field trips. For prerequisites, see course writeup, page 19.

**UNDERGRADUATE COURSES**

**FIRST PERIOD—8:10-9:00**

Name of Course	Catalog No.	Instructor	Room
*American History to 1789	S.S. 304s	Dr. Rapp	118
American Literature	Eng. 304s	Dr. Bradford	217
*Art of Enjoying Music	Mus. 404	Mr. Hodges	105
Child Development	Ed. 102s	Dr. Hertzberg	220
General Mathematics	Math. 101s	Dr. Ebert	205
*Genetics	Sci. 401s	Dr. Fretz	119
Kindergarten Education	Ed. 305s	Miss Jamison	S.P. 2
Masterpieces of the Nineteenth Century	Eng. 444s	Dr. Messner	223
Orientation in the Education of Exceptional Children	Ed.H. 201s	Dr. Fouracre	S.P. 10

**SECOND PERIOD—9:10-10:00**

Name of Course	Catalog No.	Instructor	Room
American Literature	Eng. 304s	Dr. Bradford	217
Child Development	Ed. 102s	Dr. Hertzberg	220
*Climatology	Geog. 303s	Dr. Mason	114-5
*Descriptive Astronomy	Sci. 415s	Dr. Brown	V-206
General Mathematics	Math. 101s	Dr. Ebert	205
*History of Europe Since 1914	S.S. 303s	Mr. Vernon	116
Kindergarten Education	Ed. 305s	Miss Jamison	S.P. 2
Masterpieces of the Nineteenth Century	Eng. 444s	Dr. Messner	223
Orientation in the Education of Exceptional Children	Ed.H. 201s	Dr. Fouracre	S.P. 10
Reading Clinic	Ed. 485s	Mrs. Dunklin	S.P.
Sociology	S.S. 402s	Dr. Albright	119
The Novel	Eng. 406s	Mr. Schuck	214

**THIRD PERIOD—10:10-11:00**

Name of Course	Catalog No.	Instructor	Room
Advanced Speech	Eng. 306s	Dr. Gronewold	218
College Algebra	Math. 201s	Dr. Ebert	205
Creative Art Workshop	Art 406s	Mr. Winebrenner	Craft Shop
<sup>1</sup> Field Studies in Science I	Sci. 501s	Mr. Dakin	V-208
Modern Far Eastern History	S.S. 410s	Dr. Fretz	116
Music for Children	Mus. 305s	Mr. Vernon	105
Physiology and Hygiene	Sci. 410s	Mr. Hodges	G-104
Sociology	S.S. 402s	Miss Barber	119
The Novel	Eng. 406s	Dr. Albright	214
Reading Clinic	Ed. 485s	Mr. Schuck	S.P.
		Mrs. Dunklin	S.P.
		Dr. Dunklin	

**ASSEMBLY**

**LUNCH PERIOD**

**FOURTH PERIOD—11:10-12:00**

Name of Course	Catalog No.	Instructor	Room
Advanced Speech	Eng. 306s	Dr. Gronewold	218
#Biology OE	Sci. 202s	Dr. Urban	V-208; V-210
#Botany	Sci. 206s	Dr. Urban	V-208; V-210
College Algebra	Math. 201s	Dr. Ebert	205
Creative Art Workshop	Art 406s	Mr. Winebrenner	Craft Shop
<sup>1</sup> Field Studies in Science I	Sci. 501s	Mr. Dakin	V-208
		Dr. Fretz	

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 STATE UNIVERSITY  
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Name of Course	Catalog No.	Instructor	Room
*Greek Literature in English Translation	Eng. 440s	Dr. Messner	223
Modern Far Eastern History	S.S. 410s	Mr. Vernon	116
Music for Children	Mus. 305s	Mr. Hodges	105
Physiology and Hygiene	Sci. 410s	Miss Barber	G-104
Reading Clinic	Ed. 485s	Mrs. Dunklin	S.P.
		Dr. Dunklin	
Sociology, The Community	S.S. 223s	Dr. Dalton	119
*Workshop in Visual Education	Ed. 433s	Mr. Smay	107

#### FIFTH PERIOD—12:10-1:00

Name of Course	Catalog No.	Instructor	Room
#Biology <i>OR</i>	Sci. 202s	Dr. Urban	V-208; V-210
#Botany	Sci. 206s	Dr. Urban	V-208; V-210
Childrens Literature	Eng. 210s	Mrs. Ganey	218
*Contemporary Economic Problems	S.S. 426s	Dr. Albright	118
English Literature	Eng. 204s	Mr. Schuck	214
<sup>2</sup> Field Studies in Science II	Sci. 502s	Dr. Brown	V-206
*History of Latin America: Colonial Period	S.S. 411s	Dr. Peterson	117
*Psychology of the Pre-School Child	Ed. 307s	Miss Jamison	S.P. 2
#Puppetry <i>OR</i>	Art 407s	Mr. Dakin	
		Stage Craft Shop	
#Creative Painting	Art 408s	Mr. Dakin	211
Reading Clinic	Ed. 485s	Mrs. Dunklin	S.P.
		Dr. Dunklin	
Seminar in Elementary Education	Ed. 402s	Dr. Sloan	222
Sociology, The Community	S.S. 223s	Dr. Dalton	119
Workshop in Crafts	Art 400s	Mr. Winebrenner	
		Craft Shop	
Workshop in Education of Mentally Retarded Children	Ed. 401s	Dr. Fouracre	S.P. 10
(Observation hours 9-12 to be arranged.)			

#### SIXTH PERIOD—1:10-2:00

Name of Course	Catalog No.	Instructor	Room
Childrens Literature	Eng. 210s	Mrs. Ganey	218
*Comparative Governments	S.S. 331s	Dr. Dalton	118
English Literature	Eng. 204s	Mr. Schuck	214
<sup>2</sup> Field Studies in Science II	Sci. 502s	Dr. Brown	V-206
#Puppetry <i>OR</i>	Art 407s	Mr. Dakin	
		Stage Craft Shop	
#Creative Painting	Art 408s	Mr. Dakin	211
Seminar in Elementary Education	Ed. 402s	Dr. Sloan	222
Workshop in Crafts	Art 400s	Mr. Winebrenner	
		Craft Shop	
Workshop in Education of Mentally Retarded Children	Ed. 401s	Dr. Fouracre	S.P. 10
(Observation hours 9-12 to be arranged.)			

<sup>1</sup> In addition to class hours scheduled, one afternoon each week will be set aside for a field trip off campus. For prerequisites, see course writeup, page 19.

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 BUREAU O. AL. Y. 14222