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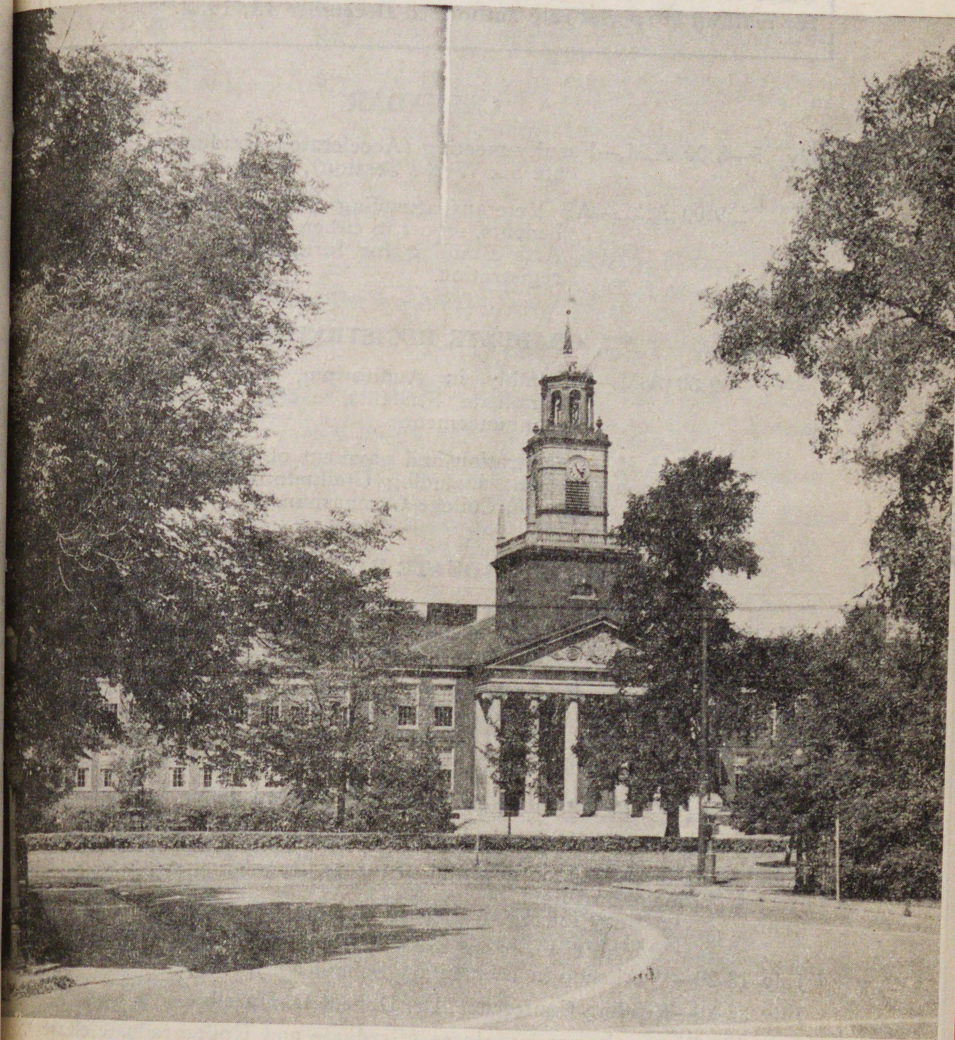
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NEW YORK
STATE COLLEGE FOR TEACHERS
BULLETIN

Buffalo • New York



**1949 Summer Session Announcements
Graduate and Undergraduate Departments**

EDWARD H. BUTT
STATE UNIVERSITY COL
1300 ELMWOOD AVENUE
BUFFALO, N. Y. 14222

NEW YORK STATE COLLEGE FOR TEACHERS BULLETIN

Summer Catalogue Issue April 1949 Vol. XVII, No. 3

One of Four Publications Issued Quarterly by New York State College
for Teachers, Buffalo 9, N. Y.

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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 A.M.—Faculty meeting (Accelerated, Graduate, Undergraduate Six Weeks Session), Social Center B.

9:00 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

9:00 A.M.—Assembly in Auditorium, Main Building, for all Graduate Students, except Veterans. Important announcements.

9:30 A.M.—Registration and payment of fees, Graduate Department, 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, Undergraduates including Veterans not accelerated, 6 weeks session, College Gymnasium.

Penalty for Late Registration After July 5: One dollar for each day.

July 6—Classes begin, as scheduled, in all departments.

July 9—Saturday session in all departments. Regular Monday schedule to make up July 4.
Last day for registration (with penalty).
No program changes or refunds after noon on this date.

July 18-29—Workshop in Elementary School Nutrition.

July 28-29—Reading Conference. Dr. Donald D. Durell.

Aug. 12—Six weeks session closes (Graduate and Undergraduate classes).

Aug. 15-26—Science Camp. Alleghany State Park.

Aug. 26—Accelerated Session closes.

SUMMER SESSION FACULTY

Harry W. Rockwell.....	President
President, N. Y. State College for Teachers at Buffalo	
Ralph Horn.....	Director of Summer Session
Dean, N. Y. State College for Teachers at Buffalo	
Richard G. Dyer-Hurdon.....	Registrar
Registrar, N. Y. State College for Teachers at Buffalo	
Robert W. Goehle.....	Financial Secretary
Financial Secretary, N. Y. State College for Teachers at Buffalo	
Catherine E. Reed.....	Chairman of Summer Session Housing
Dean of Women, N. Y. State College for Teachers at Buffalo	
Frances G. Hepinstall.....	Head Librarian
Head Librarian, N. Y. State College for Teachers at Buffalo	
Joseph P. Adessa.....	Health Education
Assistant Professor of Health and Physical Education, N. Y. State College for Teachers at Buffalo	
Robert E. Albright.....	Director of Graduate Department, Economics
Professor of Sociology, Director Graduate Department, N. Y. State College for Teachers at Buffalo	
Lois V. Anderson.....	Grades 2 and 3
Instructor, Second Grade, East Stroudsburg (Pa.) State Teachers College	
Edwin F. Arthur.....	Science
Instructor in Science, N. Y. State College for Teachers at Buffalo	
Adelaide W. Baker.....	Director, Nutrition Workshop
Director of Elementary Grades, Rome, N. Y.	
Arthur L. Bradford.....	English
Head of English Department, N. Y. State College for Teachers at Buffalo	
Allan P. Bradley.....	Director of Graduate Workshop
Professor of Education, N. Y. State College for Teachers at Buffalo	
M. Frances Breen.....	Junior Librarian
Junior Librarian, N. Y. State College for Teachers at Buffalo	
Anna Burrell.....	Education
Instructor in Education, N. Y. State College for Teachers at Buffalo	
Burton Cadro.....	Industrial Arts
Instructor, W. C. Mephan High School, Bellmore, N. Y.	
Howard S. Conant.....	Art
Assistant Professor of Art, N. Y. State College for Teachers at Buffalo	
Frances Conkey.....	Home Economics
Associate Professor, Home Economics, Illinois Normal University, Normal, Ill.	
Sherman G. Crayton.....	Education
Professor of Education, N. Y. State College for Teachers at Buffalo	
Stanley A. Czurlis.....	Art
Director of Art Education Department, N. Y. State College for Teachers at Buffalo	
Eva M. D'Agostino.....	Demonstration Teacher, Orthopedically Handicapped Children
Experimental Class, Cerebral Palsy Center, Public School 135, New York City	
Eugene L. G. Dakin.....	Art
Instructor in Art, N. Y. State College for Teachers at Buffalo	
Ernest R. Dalton.....	Social Studies
Head of Social Studies Department, Centenary Junior College, Hackettstown, N. J.	
Howard T. Dunklin.....	Psychologist for Reading Clinic
Psychologist, Buffalo School Department, Buffalo, N. Y.	
Laura D. Dunklin.....	Director of Reading Clinic
Teacher of Remedial Reading, Elmwood-Franklin School and Buffalo Seminary, Buffalo, N. Y.	
Dorothy Fedigan.....	Art
Instructor in Art Department, N. Y. State College for Teachers at Buffalo	
John Fontana.....	Industrial Arts
Assistant Professor, Industrial Arts, N. Y. State College for Teachers at Buffalo	
Maurice H. Fouracre.....	Education for Handicapped
Director of Department of Education for Handicapped Children, N. Y. State College for Teachers at Buffalo	
Raymond M. Fretz.....	Science
Professor of Science, Dean of Men, N. Y. State College for Teachers at Buffalo	

- Muriel K. Garten.....Reading Consultant
Reading Clinician, New Rochelle, N. Y.
- Andrew W. Grabau.....Education, English
Assistant Professor of English, N. Y. State College for Teachers at Buffalo
- Benjamin F. Gronewold.....English
Professor of English, N. Y. State College for Teachers at Buffalo
- Carl J. Heintz.....Industrial Arts
Acting Instructor, 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
- Frederick J. Hollister.....Sociology
Professor of Sociology, N. Y. State College for Teachers at Buffalo
- Dorothy Hoyle.....First Grade
Head, Lower School, Friends School, Wilmington, Del.
- Mary Jamison.....Education
Assistant Professor of Second Year Kindergarten, N. Y. State College for Teachers at Buffalo
- Gladys Reid Jann.....Education for Handicapped
Assistant Professor of Education for Handicapped Children, N. Y. State College for Teachers at Buffalo
- Marion Buchholz Jung.....Assistant College Librarian
Assistant College Librarian, N. Y. State College for Teachers at Buffalo
- Dorismae Kent.....Library Assistant
Library Assistant, N. Y. State College for Teachers at Buffalo
- Lorraine Lange.....Director of Workshop
Assistant Professor of Education, N. Y. State College for Teachers at Buffalo
- Minnie E. Lemaire.....Geography
Associate Professor of Geography, Mt. Holyoke College, Mt. Holyoke, Mass.
- Doris Longman.....Consultant
Nutritionist, Nutrition Bureau, Division of Medical Services, N. Y. State Dept. of Health, Albany
- Henry Mandel.....Industrial Arts
Assistant Professor, Industrial Arts, N. Y. State College for Teachers at Buffalo
- Edward Morrice.....Industrial Arts
Assistant Professor in Methods and Practice Teaching, N. Y. State College for Teachers at Buffalo
- Emerson E. Neuthardt.....Industrial Arts
Professor of Industrial Arts Education, N. Y. State College for Teachers at Buffalo
- Elizabeth Penn.....Education
Assistant Professor of Education, N. Y. State College for Teachers at Buffalo
- Mary E. Pratt.....Kindergarten
Kindergarten Instructor, State Teachers College, Oswego, N. Y.
- William C. Palmetter.....Driver Education & Safety
Acting Instructor of Industrial Arts, The N. Y. State College for Teachers at Buffalo
- Chester A. Pugsley.....Education
Professor of Elementary School Administration, Principal of the School of Practice, New York State College for Teachers at Buffalo
- Marvin A. Rapp.....History
Assistant Professor of History, N. Y. State College for Teachers at Buffalo
- Hazel Riggs.....Grades 4 and 5
Instructor 5th grade, Roosevelt School, Kenmore, N. Y.
- Helen E. Rimkus.....Assistant College Librarian
Assistant College Librarian, N. Y. State College for Teachers at Buffalo
- Conrad J. Schuck.....English
Instructor in English, N. Y. State College for Teachers at Buffalo
- Sigurd W. Sheel.....Science
Assistant Professor of Science, N. Y. State College for Teachers at Buffalo
- D. Paul Smay.....Visual Education
Professor of Art, Director of Visual Education, N. Y. State College for Teachers at Buffalo
- Carl W. Stamp.....Mathematics and Science
Instructor of Mathematics and Science, 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 in Textiles and Ceramics, N. Y. State College for Teachers at Buffalo
- Natalie Truscott.....Grades 6 and 7
Instructor 5th Grade, School 52, Buffalo, N. Y.
- Laura F. Ulery.....Graduate Workshop
Coordinator Elementary Grades, 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
- Ina Webb.....Junior Librarian
Junior Librarian, N. Y. State College for Teachers at Buffalo
- Helen L. Wentlandt.....Health Education
Nurse-Instructor, N. Y. State College for Teachers at Buffalo
- Nell White.....Education for Handicapped
Demonstration Teacher, Public School No. 99, New York City

SPECIAL FEATURES OF THE 1949 SUMMER SESSION

1. Graduate study in five major areas: Elementary Education, Home Economics, Industrial Arts, Art Education and Education for Teachers of Handicapped Children.
2. A Demonstration School, staffed by five superior elementary teachers, offering observation, participation and practice teaching facilities in kindergarten and grades one through seven.
3. A Reading Conference for two days headed by national authorities and outstanding leaders in the field.
4. A Reading Clinic, six weeks in length, offering teachers experience in the diagnosis of reading difficulties and the development of remedial measures under the guidance of experts in the field.
5. A Science Camp, conducted as a two weeks post session, August 15 through 26; using the facilities of Alleghany State Park. Conducted by members of our Science Department. See page 20 for full description.
6. Driver Education and Training. A special, intensive, two weeks course open to teachers who wish to qualify to teach driver education in the public schools will be offered Aug. 8-18. 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 35. Write to Emerson L. Neuthardt for registration blank and other particulars.
7. A Workshop in Visual Aids in Education, open to graduates and undergraduates of senior standing. Presentation of latest visual aids to teaching and experience in programming and the operation and maintenance of visual education apparatus.
8. Three Workshops in Art — one for graduate students and two for undergraduates.
9. Assembly programs featuring outstanding speakers, and entertainment.
10. A series of organized and directed educational trips, featuring Buffalo, the Niagara Frontier, and Toronto.

11. Intensive Graduate Program for Liberal Arts College graduates who are interested in teaching in the elementary grades. A plan whereby holders of the Bachelor's degree may begin their preparation and get a renewable certificate to teach in the elementary grades.
12. Courses for those interested in the Kindergarten Specialization.
13. Special courses for teachers of handicapped children.
14. General Education courses in art, economics, English, geography, health education, history, mathematics, music, science and sociology.
15. Workshop in Elementary School Nutrition, especially for elementary teachers.

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 may register 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 to 23 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.

A Social Activity fee of \$1.00 will be levied on all students to provide for various all-college social occasions.

RESIDENCE CENTERS

Accommodations for living are provided in a campus residence, centers recommended by the college, and additional approved off-campus residences listed by the Housing Committee of the Summer Session.

The room rate for Pioneer Hall, our campus dormitory is \$4.50 per week. Breakfast and dinner are served in the Cafeteria for \$9.00 per week.

Room and board in off-campus centers is approximately \$14.00 per week, for room and two meals a day.

Cooperative residence costs \$5.00 for room and about the same for food costs.

Student helpers in approved homes can secure maintenance and \$2.00 per week expenses in return for three hours service per day or 21 hours 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.

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.

(2) The maximum amount of undergraduate credit allowed in 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. An exception to this rule is made in courses requiring laboratory work. No partial credits are given.

(4) No one will be graduated from this college 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 (or two summers) 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 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 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 four-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 14.

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).....	10:10-11:00
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 10:45 to 1:30.

CURRICULA

I. General Elementary Curriculum. Candidates desiring to earn credit on the General Elementary 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. Such courses as Reading Clinic, Kindergarten Education, Music for Children, Children's Literature, Creative Art Workshop are offered for this purpose.

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 Teachers of Handicapped Children. There is available to in-service teachers, a program of special education which leads to State certification in these fields: teaching of mentally deficient children; orthopedically handicapped; partially sighted; speech defective; and hard of hearing.

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 to 23 of this bulletin.

EDUCATION FOR TEACHERS OF THE HANDICAPPED

During the Summer Session of 1949, New York State College for Teachers at Buffalo will offer courses at the graduate level in the following fields: mentally retarded, orthopedically handicapped, and speech defective. Students may qualify for certification in one of these fields while meeting the requirements for the Bachelor's degree, providing they secure permission from the Director of the Department of Education for Handicapped Children. Courses offered in the field of education of handicapped children 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 course descriptions 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 will be under the direction of Mrs. Laura Dunklin, Remedial Reading Teacher at Elmwood-Franklin School and at the Buffalo Seminary, and Dr. Howard Dunklin, Psychologist for the Buffalo Public Schools.

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

The remarkable improvement in teaching that can come through the proper use of audio-visual aids has been demonstrated in military training and in the vocational and safety educational programs of industries. Resulting from this improvement in instruction, many school systems in New York State are inaugurating or expanding the use of audio-visual methods and facilities. To meet this growing need for teachers with advanced preparation, the college is offering a graduate course in audio-visual education. This course will be open to those who have previously taken basic courses in audio-visual education or have had suffi-

cient experience in teaching, co-ordinating, or administering in this area. Instruction in this course will be highly individualized with emphasis upon identified student needs or plans.

Since the course in Visual Education to be offered this summer (see page 20) supplements Ed. 433x undergraduate basic course. Seniors whose interest or background is sufficient will be admitted for undergraduate credit.

EXTRA-CLASS ACTIVITIES

New York State College for Teachers at Buffalo always has 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.

This year a program of six Thursday convocations will bring to the entire student body and faculty some of the best platform talent in education, politics, literature, music and entertainment. Last year such notables as Dr. Maurice E. Troyer, Syracuse University, Lieutenant Governor Joe Hanley, and Mr. Edwin Steckel, NBC artist, addressed the Summer Session. An equally talented group of speakers will be presented this summer.

One of the most popular features of the summer program is the student-faculty forums. Presented in the afternoons with the added enjoyment of after-class relaxation and cool refreshment, students and faculty get together to discuss problems of current importance. Among those being studied for student interest this summer are: Newer Concepts of Child Growth; Great Books for Teachers; Recent Accomplishments in the Creative Arts; World Geopolitics for Teachers. Three of these will be subjects for student-faculty forums.

Each year State sponsors a conference aimed to meet the needs and interests of both students and visitors from the Western New York area. A two-day Reading Conference is tentatively scheduled for July 28 and 29. It will be staffed by an able group of consultants led by Dean Donald D. Durrell of Boston University. Following major addresses, small group conferences will deal with special problems of readiness, beginning reading, atypical readers, parent understanding of reading problems, developing reading interests, and remedial techniques. This conference will be open to all interested people, whether or not registered in Summer Session.

Our ideal location in the Queen City, Buffalo, place at the disposal of each student a large variety of recreational facilities, such as Delaware Park Lake, museums, playgrounds, theaters, churches, Kleinhans Music Hall. Night baseball in the Bison Stadium will help make this summer an enjoyable one. The recreational facilities of the campus will be made available to the students under the able leadership of Coach Joseph Adessa. From

two o'clock until four each day the excellent State pool will be available to all students.

As in the past, the Summer Session RECORD will be published to keep each student fully informed on what is taking place. A limited number of social programs are arranged to help students and faculty become acquainted. The Summer Session picnic is a tradition at State. For those who have a special interest, trips and excursions also are arranged. Last year these included the General Mills Plant, Ford Assembly Plant, and the Goodwill Industries. The Niagara Frontier has many places of cultural, historical and industrial interest to teachers.

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 5th; undergraduate students, Tuesday afternoon, as scheduled.

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 the Graduate Department 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 5th.

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 5th, 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 GENERAL INFORMATION

1. *Announcement of the graduate program:*

"Approval is hereby given by the Board of Regents to the proposal that a course of study leading to the degree of Master of Education be offered through Summer School, Extension courses and Saturday classes for elementary teachers at New York State College for Teachers, Buffalo. The Board does not approve at this time the establishment of a graduate course of study leading to the Master of Education degree to be offered during the regular college session."

2. *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 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. *Graduate work limited to Summer Session and Extension Department:*

At present there will be no graduate work offered during the regular college session. Graduate schedules will be planned so that requirements for the Master of Education degree may be completed by attendance at five Summer Sessions. This time may be shortened by registration in the Saturday Extension Department classes.

4. *Admission Requirements:*

- A. Students must hold an approved bachelor's degree and eligibility to teach in the elementary field or in the field of specialization.
- B. All candidates shall have demonstrated ability to do graduate work as measured by:
 - a. Scholastic achievement in undergraduate work;
 - b. Teaching experience and record;
 - c. Other evaluation measures as may be prescribed by the Graduate Council.

5. *Registration; Fees:*

Registration for Graduate Department classes in Summer Session will be held July 5. Please report first to the Auditorium at 9:00 A.M. for Assembly and further instructions.

Graduate Department fees are \$10.00 per credit hour.

6. *Application for admission to the Graduate Department:*

- A. Secure admission blank from the office of the Director of the Graduate Department which blank will outline fully the procedure to be followed.
- B. If you do not hold your Bachelor's degree from New York State College for Teachers, Buffalo, write to the college which granted your degree and ask that an official transcript be mailed to the Graduate Department, New York State College for Teachers, 1300 Elmwood Ave., Buffalo 9, N. Y.
- C. Make every effort to have application blank and all other data required in the hands of the Director of the Graduate Department before May 1st, for the 1949 Summer Session.

7. *The Graduate curriculum:*

(1) GENERAL ELEMENTARY

(A) For the elementary teacher:

- 6 Semester Hours—Workshop in Elementary Education.
- 3 Semester Hours—Seminar in Elementary Education.
- 3 Semester Hours—Education elective.
- 6 Semester Hours—English and/or Social Studies.
- 6 Semester Hours—Academic electives.
- 4 Semester Hours—Thesis.
- 4 Semester Hours—Unrestricted electives.

(B) For the elementary principal or supervisor:

- 6 Semester Hours—Workshop in Elementary Education.
- 6 Semester Hours—Seminar in Elementary Administration and 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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(2) HOME ECONOMICS EDUCATION

Total requirements: 32 semester hours

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|--|------------------|
| Group I. Advanced Technical Courses | 12 Hours maximum |
| Family Life (including Home Management, etc. | 3-6 Sem. Hrs. |
| Foods and Nutrition and/or Clothing and Textiles | 3-6 Sem. Hrs. |
| Group II. Advanced Courses Dealing with Problems of Home Economics Education | 10 Hours maximum |
| Seminar in Home Economics Ed. required | 3-6 Sem. Hrs. |
| Workshop in Home Economics Ed. | 3-6 Sem. Hrs. |
| or | |
| Electives by advisement | 2-6 Sem. Hrs. |
| Group III. Advanced Courses in General Areas | 10 Hours maximum |
| Social Studies | 2 Sem. Hrs. |
| Science and/or Art | 4 Sem. Hrs. |
| Unrestricted elective | 4 Sem. Hrs. |

All candidates will be required to submit a thesis or project. 4 semester hours credit will be allowed for this. The credit may be applied to Group I or Group II or be divided between the two groups depending upon the nature of the work.

(3) INDUSTRIAL ARTS EDUCATION

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| 1. Advanced Technical Courses | 12 Hours maximum |
| a. Specialization in Shop Laboratory | 2-4 Sem. Hrs. |
| b. Workshop in Industrial Arts Laboratory | 2-4 Sem. Hrs. |
| c. Seminar in Industrial Arts Education | 2-4 Sem. Hrs. |
| d. Field Studies in Industrial Areas | 3-6 Sem. Hrs. |
| 2. Advanced Courses dealing with Problems Related to Industrial Arts | 10 Hours maximum |
| a. Master's thesis or project | 4 Sem. Hrs. |
| b. Workshop in Industrial Arts Education | 2-4 Sem. Hrs. |
| c. Contemporary Labor Problems and Legislation | 2-4 Sem. Hrs. |
| d. Occupational Activities for the Physically Handicapped | 2-4 Sem. Hrs. |
| e. Electives by advisement (in substitution for b, c, and d) | 2-6 Sem. Hrs. |
| 3. Advanced Courses in the General Areas | 10 Hours minimum |
| r. English | 2-4 Sem. Hrs. |
| b. Social Studies | 2-4 Sem. Hrs. |
| c. Mathematics and/or Science | 3-6 Sem. Hrs. |
| d. Unrestricted electives | 3-6 Sem. Hrs. |

Total requirements: 32 semester hours.

(4) ART EDUCATION

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| 1. Graduate Technical Courses: | 12 Sem. Hrs. maximum |
| Art 501. Workshop in Art Education Materials, Processes, and Procedures | 3 Sem. Hrs. |
| Art 503. Workshop in Using the Visual Language | 3 Sem. Hrs. |
| Art 506. Seminar in Contemporary Art | 2 Sem. Hrs. |
| Art 507. Graduate Studio in Drawing, Painting, Graphic Arts | 2-6 Sem. Hrs. |
| Art 508. Graduate Studio in Design and Spatial Organization | 2-6 Sem. Hrs. |
| Art 509. Graduate Studio in Crafts | 2-6 Sem. Hrs. |
| Art 510. Special Project | 2-4 Sem. Hrs. |
| *Art 511. Thesis or Research Project | 2-4 Sem. Hrs. |
| Graduate Courses in the Practical Arts for which the students are qualified | 2-6 Sem. Hrs. |
| 2. Graduate Courses in Related Fields: | 10 Sem. Hrs. maximum |
| Art 502. Art Education Today | 3 Sem. Hrs. |
| Art 504. Seminar in Art ni Human Affairs | 2 Sem. Hrs. |
| *Art 505. Seminar in Art Education | 3 Sem. Hrs. |
| Art 510. Special Project | 2-4 Sem. Hrs. |
| *Art 511. Thesis or Research Project | 2-4 Sem. Hrs. |
| Graduate Courses in Psychology and Education | 2-6 Sem. Hrs. |
| 3. General Education Graduate Electives: | 10 Sem. Hrs. minimum |
| Graduate Courses in the Fields of Music, English, Practical Arts, Social Studies, Sciences and Mathematics, by advisement. | |

* Required Courses. Thesis or Project may be in either of the first two groupings. Total requirement: 32 semester hours.

(5) EDUCATION FOR HANDICAPPED CHILDREN

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| A. Education of Mentally Retarded Children: | |
| Ed. H. 501. Workshop in Education of Mentally Retarded Children | 6 Sem. Hrs. |
| Ed. H. 511. Seminar in Education of Mentally Retarded Children | 3 Sem. Hrs. |
| Ed. H. 521. Guidance of Mentally Retarded Children | 3 Sem. Hrs. |
| Ed. H. 531. Thesis | 4 Sem. Hrs. |
| English and/or Social Studies as required by Graduate Department | 6 Sem. Hrs. |
| Academic elective as prescribed by the Graduate Department | 6 Sem. Hrs. |
| Unrestricted elective | 4 Sem. Hrs. |
| | 32 |
| B. Education of Orthopedically Handicapped Children: | |
| Ed. H. 502. Workshop in Education of Orthopedically Handicapped Children | 6 Sem. Hrs. |
| Ed. H. 512. Seminar in Education of Orthopedically Handicapped Children | 3 Sem. Hrs. |
| Ed. H. 522. Guidance of the Orthopedically Handicapped | 3 Sem. Hrs. |
| Ed. H. 532. Thesis | 4 Sem. Hrs. |
| English and/or Social Studies as required by the Graduate Department | 6 Sem. Hrs. |
| Academic elective as prescribed by the Graduate Department | 6 Sem. Hrs. |
| Unrestricted elective | 4 Sem. Hrs. |
| | 32 |
| C. Education in Speech Correction: | |
| Ed. H. 503. Speech Correction and Clinic | 3 Sem. Hrs. |
| Ed. H. 513. Seminar in Speech Science | 3 Sem. Hrs. |

Ed. H. 523. Applied Phonetics	3 Sem. Hrs.
Ed. H. 533. Seminar in Speech Pathology	3 Sem. Hrs.
Ed. H. 534. Thesis	4 Sem. Hrs.
Ed. H. 535. Mental Measurement	2 Sem. Hrs.
Free Elective	2 Sem. Hrs.
English and/or Social Studies as required by the Graduate Department	6 Sem. Hrs.
Academic electives as prescribed by the Graduate Department	6 Sem. Hrs.

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D. Education of Hard of Hearing Children.*

E. Education of Partially-sighted Children.*

* If interested in Graduate work in the fields of Hard of Hearing Children and Partially-sighted Children please write to Dr. Maurice Fouracre, Director of the Department of Education for Handicapped Children, New York State College for Teachers, Buffalo 9, N. Y. for further information.

8. *Elementary Teaching Certification for Liberal Arts College Graduates:*

Due to the extreme shortage of elementary teachers, the State Education Department has approved a plan whereby college graduates may enter an intensive training program to prepare for general elementary school teaching. The completion of a minimum of 30 semester hours, on the graduate level, 24 hours of which shall be in education courses approved for elementary school teaching, and evidence of satisfactory teaching, as determined by an approved evaluation program, will entitle the student to a permanent certificate to teach in the elementary grades.

This program has been inaugurated to help relieve the current teacher shortage. Interested college graduates may register in the Graduate Department for the 1949 Summer Session. Satisfactory completion of the first summer session of professional study will entitle the college graduate to a renewable certificate valid for one year. Additional renewals will be granted upon evidence of continued summer session and/or extension study and satisfactory teaching.

If the student wishes to complete the requirements for the Master's Degree in education, 8 hours of graduate study, elected under the guidance of the Graduate Department of this college, will be required in addition to the 24 hours of required courses in elementary education. All college graduates interested in this program for certification in elementary school teaching, should secure application blanks and complete instructions for registration as soon as possible. Write to Dr. Robert E. Albright, Director of the Graduate Department, New York State College for Teachers, Buffalo 9, N. Y. for the necessary information.

The following is the curriculum for *certification* of Liberal Arts Graduates:

Intermediate and Upper Grade Group

Workshop in Elementary Education	6 Sem. Hrs.
Seminar in Elementary School Problems	3 Sem. Hrs.
(Emphasis on Science, Mathematics and Language Arts)	
Creative Arts Workshop (Music and Art)	3 Sem. Hrs.
Workshop in Child Development	6 Sem. Hrs.
Problems in Elementary School Curriculum	3 Sem. Hrs.
Seminar in Elementary Education	3 Sem. Hrs.
Electives	6 Sem. Hrs.

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Kindergarten-Primary Group

Workshop in Elementary Education	6 Sem. Hrs.
Kindergarten Education	3 Sem. Hrs.
Psychology of the Pre-School Child	3 Sem. Hrs.
Seminar in Elementary School Problems (Emphasis on Language Arts, Science, Mathematics)	3 Sem. Hrs.

Creative Arts Workshop (Music and Art for teaching of young children)	3 Sem. Hrs.
Workshop in Child Development	6 Sem. Hrs.
Electives	6 Sem. Hrs.

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DESCRIPTION OF GRADUATE COURSES TO BE OFFERED
IN SUMMER SESSION, 1949

I. GENERAL ELEMENTARY EDUCATION

1. EDUCATION.

Ed. 500s. *The Workshop in Elementary Education.* Participants in the Workshop are encouraged to work on individual problems which have been encountered in actual practice. Through individual counselling and small interest groups an attempt is made to guide each student in his efforts to solve his problems. The Workshop is further characterized by a general seminar, and wide use is made of the demonstration school. The Workshop is required of all students registered for the degree of Master of Education. The enrollment is limited. Credit: Six semester hours. Mr. Bradley, Dr. Hertzberg, Mrs. Ulery.

Ed. 500As. *Workshop in Elementary Education.* (For Liberal Arts Graduates Only) The Intensive Training Workshop in Elementary Education will emphasize (a) child development, (b) elementary methods and materials, (c) preparation of an individual report. Opportunity will be presented for Workshop members to have experience with children in the Demonstration School under the guidance of experienced teachers. The course is required of all students who register in the Intensive Teacher Training Program. Credit: Six semester hours. Dr. Lange.

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. Pugsley.

Ed. 504s. *Elementary School Principalship B. 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. The principal as the executive of the School Board and Superintendent; State aid and school budgeting; equipping the school plant; obtaining and using supplies and texts; movement of the children; policies and programs in using the school facilities; special services for special needs; resolving pupil maladjustments; making and using records; measuring the amount of overageness, normal ageness, and under-ageness; acceleration and retardation; evaluating the effectiveness of the school organization; school building standards; community leadership. This course may either precede or follow Elementary School Principalship A. Open to supervisors, principals, experienced teachers, and others especially qualified. Eight hours per week. Three semester hours credit. Dr. Pugsley.

Ed. 533s. Workshop in Visual Education. A course related to the problems of organizing and operating a visual education program in the public schools. The psychological justification of the audio-visual forms of instructional enrichment are identified and studied. The significant research concerning the improvement of practices through visual aids is explored and appraised. The problem of teacher attitude and co-operation is recognized and solutions sought. The problems of housing, financing, and co-operative ordering are isolated and studied. The problem of evaluation of both individual films and other visual and auditory aids and the total visual instructional program is a major concern of this course. Elective for graduate students and for senior undergraduate students who recognize its value in their immediate teaching plans. Credit: three semester hours. Dr. Smay.

Ed. 512s. Seminar in Child Development. (For Liberal Arts Graduates Only) Study of the growth and development of children with particular reference to the elementary school years. Consideration of needs teachers in understanding and guiding child growth in the mental, social, physical, and emotional areas. Opportunity for individual and group work on specialized problems. Field trips and observations in classrooms. Open only to Liberal Arts graduates who have had Workshop in Elementary Education. Credit: 6 semester hours. Mrs. Penn.

2. ENGLISH.

Eng. 502s. Studies in American Literature. Aspects of literary culture in America from the Colonial Period to the present. Religious and political influences upon early writings; the Romantic Movement and Transcendentalism; the development of realism and regional literature. Dr. Gronewold.

Eng. 504s. Origin and Development of English Drama. Liturgical beginnings of English drama, miracle and morality plays, interludes; the rise of English comedy and tragedy; forerunners and contemporaries of Shakespeare; the progress of the theatre to 1642. Dr. Bradford.

3. GEOGRAPHY.

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. Open to Industrial Arts, Home Economic and General Elementary students with consent of instructor.

4. SCIENCE.

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 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. 504s. Science Camp. Elementary school teachers and prospective teachers who are interested in extending their knowledge of the science of the out-of-doors are invited to attend the Science Camp which will be held by the Science Department at Allegany State Park on August 14-27, 1949.

Instruction will be of a non-technical nature, yet scientific in content. There will be emphasis on learning how to identify common birds, insects, wild flowers, trees, and other living things. The relationships between living things and such environmental factors as temperature, light, soil, and water will be emphasized. The geology of the Park, and of western New York, will be stressed. An important part of the work will consist of showing teachers how to use the environment in their own teaching, since many of the principles developed are usable even in city schools. Each individual will be encouraged to follow his own special interests; he will be given time and assistance for doing so. Field trips, laboratory work, reference study, and lectures will make up the course.

The Science Camp will occupy a group of twelve cabins and a large central lodge. Ten of the cabins will be available to students; each cabin accommodates six persons. Meals will be served at the central lodge. Classes and consultants will be held there; smaller rooms may be used for study, individual work, and other purposes. The camp is equipped with electricity; a swimming pool adjacent to the cabins will be reserved for Camp members. While the Camp is rustic in nature, it is comfortable. Students will be encouraged to organize social activities to provide relaxation in the evenings.

Two hours of credit will be granted students who complete the requirements of the course. Both graduates and undergraduates may enroll, but the latter must have completed six credit hours of General Biology and three credit hours of Physical Science, or the equivalent.

The cost of attendance at the camp will be moderate. A tuition charge of \$20.00 will be made for the two hours of credit. Lodging and meals will cost \$20.00 per week, so that the total cost will be \$60.00.

Because enrollment is limited to sixty students, those interested should make reservations as soon as possible. Communications concerning the Camp should be sent to Professor John Urban, Director of Science Camp, New York State College for Teachers at Buffalo, 1300 Elmwood Ave., Buffalo 9, N. Y.

A check for \$10.00 should accompany the application for reservations. This sum will be refunded if cancellation is received before June 15, 1949. Checks should be made payable to Professor John Urban. When received, the sum will be credited to the applicant's lodge and meal charge.

5. SOCIAL STUDIES.

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, the 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. Credit: 3 semester hours. Dr. Rapp.

S.S. 505s. Studies in Contemporary Economic Problems. Discussion of contemporary problems including international trade, international finance, inflation, labor legislation, problems of labor and management and price levels. A special study will be made by each student of one selected phase. Open to Industrial Arts and Home Economic students and to General Elementary Graduates with the consent of the instructor. Credit: 3 semester hours. Dr. Albright.

II. 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. Eight hours per week. Three semester hours credit. Mr. Conant.

Art 505s. Seminar in Art Education. Consideration of problems and projects presented by individuals, based on special needs of teachers and supervisors of art in various types of communities and schools. The seeking of solutions in terms of contemporary philosophy, psychology, principles and practices in art and general education. The use of known research and scientific methods in determining programs, policies, and procedures for the art teacher and supervisor. Opportunity for individual and group work on specialized problems, with various members of the graduate staff participating and advising. Required of all Art Education students. Prerequisite: one or more years of teaching. Credit: three semester hours. Dr. Czurlies.

Art 509s. Graduate Studio in Crafts. With extensive facilities available for craft work of all kinds, this course is offered to teachers of art, and qualified teachers in other fields to further develop their knowledges and skills in the crafts, and to explore the possibilities of using various three-dimensional media in their school programs. The course offers opportunity for individualized work in wood-carving, wood sculpture, plastics, jewelry, clay and metal work. Credit: three semester hours. Mr. Dakin.

III. EDUCATION FOR THE HANDICAPPED

Ed. H. 501s. Workshop in Education of Mentally Retarded. Observation and individual participation in a class for mentally defective children. Group discussions and experimentation in techniques and materials used in this type of special class. Credit: 6 semester hours. Dr. Fouracre and Mrs. White.

Ed. H. 502s. Workshop in Education of Orthopedically Handicapped Children. Observation and individual participation in class for orthopedically handicapped children. Understanding and use of techniques and materials for academic and non-academic curriculum. Class discussions and reports. Credit: 6 semester hours. Dr. Fouracre and Miss D'Agostino.

Ed. H. 503s. Speech Correction and Clinic. Observation and individual participation in speech clinic. Training in remedial treatment of speech defectives. Actual practice of speech correction. 10 hours per week. Credit: 3 semester hours. Dr. Jann.

Ed. H. 513s. Seminar in Speech Science. Anatomy, physics and physiology of speech. Lecture, reading, demonstrations and experimentation. Eight hours per week. Credit: 3 semester hours. Dr. Jann.

ABOVE CLASSES OPEN TO GRADUATES AND UNDERGRADUATES WITH CONSENT OF INSTRUCTOR.

Ed. H. 501s and Ed. H. 502s will be scheduled at Day School for Crippled Children at Meyer Memorial Hospital.

IV. HOME ECONOMICS EDUCATION

H. Ec. 503s. Family Relationships. Students will be helped in defining important objectives, goals, values, etc. in teaching Family Relationships at the secondary level. Some attention will be given to surveys and evaluations of new subject matter content and to developing teaching methods and devices such as sociograms, role-playing, etc. Special problems may include planning units in Family Relationships, preparation of up-to-date bibliographies, use of current aids to human understanding and group relations, etc. Eight hours per week. Credit: 3 semester hours. Miss Conkey.

H. Ec. 506s. Seminar in Home Management. Newer developments in the field of managing the home. Particular reference to problems met in teaching Management in secondary and adult classes. Students will work on individual problems in accordance with their needs. Eight hours per week. Credit: 3 semester hours. Miss Conkey.

V. INDUSTRIAL ARTS EDUCATION

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. 512s. Workshop in Textiles. A workshop covering problems in organizing and operating a Textile unit in the Industrial Arts program. Activity will involve a study of fibers and raw materials, construction of fabric dyeing, finishing and treatment of fabric surface. Individual initiative will be expected in the design and construction of project material suitable for local requirements. 4 clock hours daily; 3 semester hours credit. Mr. Strong.

I. A. 513s. Workshop in Ceramics. Principles and techniques of operation of an Industrial Arts Ceramics program, embracing, in addition to basic operations, advanced forming processes, glazing, composition, decorative treatments, firing techniques, and kiln construction. Work shop procedure will be typical of activity in the laboratory. 4 clock hours daily; 3 semester hours credit. Mr. Strong.

Electives. Geog. 501s and S.S. 505s. See General Elementary Course Descriptions.

DESCRIPTION OF UNDERGRADUATE COURSES

ART

Art 313s. Art in Everyday Life. The practical application of the principles of art in personal grooming and dress, in the selection of home furnishings, and in display arrangement. An approach to art from the standpoint of the consumer. Study of use of art in industry, business, civic affairs, and entertainment. Elective. Five class hours per week. Two semester hours credit. Miss Fedigan.

Art 400s. Workshop in Crafts. Studio course in various crafts including: leather work, metal work, ceramics and jewelry. Class and individual instruction with considerable election as to the projects to be undertaken. Ten class hours per week. Three semester hours credit. Mr. Dakin, 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. Miss Fedigan.

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. 306s. Kindergarten Education II. A study of current trends affecting the curriculum for children in four and five year old kindergartens and first grades. Children's experiences in learning will be considered in relation to present day practices and understanding. Records and evaluation of children's growth will be topics for discussion. The place of reading will be studied as it is related to the entire program. Required for Kindergarten certification. Eight class hours per week. Three 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. Mrs. Burrell.

Education 463s. Driver Education and Safety. Course designed to certify teachers to instruct in driver education. It consists of behind-the-wheel training, classroom work, and experiences with psychophysical apparatus. Four class hours per week, 6 driving hours per week. Special Fee—\$4.00. Two semester hours credit. Mr. Palmeter.

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.

Ed. 533s. Workshop in Visual Education. Open to Senior undergraduate students approved by the instructor. See description under Graduate Courses. Eight class hours, three semester hours credit. Dr. Smay.

EDUCATION FOR THE HANDICAPPED

Ed. H. 501s. Workshop in Education of Mentally Retarded. 6 semester hours credit.

Ed. H. 502s. Workshop in Education of Orthopedically Handicapped Children. 6 semester hours credit.

Ed. H. 503s. Speech Correction and Clinic. 3 semester hours credit.

Ed. H. 513s. Seminar in Speech Science. 3 semester hours credit.

ABOVE CLASSES OPEN TO UNDERGRADUATES WITH CONSENT OF INSTRUCTOR. For course description see listing under Education for the Handicapped—graduate courses, page 22.

ENGLISH

Eng. 203s. Modern Drama. A study of the chief modern dramatists of Continental Europe, England and America from Ibsen to the present time. Five class hours per week. Two semester hours credit. Dr. Bradford.

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. Miss Jamison.

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. Five class hours per week. Two semester hours credit. Mr. Schuck.

Eng. 340s. School Publications. The function, policy, and supervision of the school newspaper, magazine, and yearbook. Special attention to elementary school publication problems. Consideration given to staff organization, financing, advertising, preparation and editing of copy, and make-up. Practical experience on the Summer RECORD. Prerequisite: consent of instructor. Five class hours per week. Two semester hours credit. Dr. Gronewold.

Eng. 422s. Victorian Literature. A study of the prose and poetry of Victorian Period with special attention to the relation of literature to the social, political and scientific developments of the age. Eight class hours per week. Three semester hours credit. Mr. Schuck.

GEOGRAPHY

Geog. 402s. Economic Geography. A continuation of Geography 301 with emphasis on the agricultural, industrial and commercial aspects of Geography. Topics are related to current affairs. 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.

HEALTH EDUCATION

H. Ed. 201-202s. Health Education. Functional hygiene to assist the student in maintaining good health. Required of General Elementary and Art Education sophomores. Five class hours per week. Two semester hours credit. Miss Wentlandt.

H. Ed. 402s. Health Protection. School and community health problems; school health services; communicable disease control; water supply and sewage disposal; food sanitation; safety education. Required of General Elementary seniors. Prerequisites: Health Education 201-202; Physical Education 301-302. Five class hours per week. Two semester hours credit. Mr. Adessa.

HOME ECONOMICS

H. Ec. 413s. Workshop in Nutrition for the Elementary School. The college is sponsoring a Workshop in Nutrition for the Elementary School for the two week period beginning July 18 and ending July 29. It is designed for those members of the Elementary School staff who feel a need to work with others in devising more effective ways of working with boys and girls so that their knowledge of Nutrition will be reflected in their daily eating habits.

Although Nutrition has been included in the Health program of the Elementary School for many years it is evident that the methods of teaching have not resulted in children eating and liking the foods they should have

to keep them in good health. Many of them can recite health rules, but too many do not follow the rules, as has been proven by surveys of the eating habits of children.

A capable and experienced Elementary Supervisor will direct the Workshop. In addition, the services of a Nutrition Consultant will be available to the members throughout the two weeks. Opportunities will also be provided for members to see children actually participating in a variety of experiences in Nutrition in the classes of the School of Practice. From time to time consultants from various agencies and others interested in the teaching of Nutrition will participate as consultants in the Workshop. Among these may be a County Health Nutritionist, members of the State Department of Education, School Lunch Supervisors, and Pediatrician.

It is suggested that it might prove most advantageous to the Nutrition program in a school if two or more staff members would attend the Workshop together. These would include such persons as Elementary teachers, the school nurse, the Homemaking teacher, and the School Lunch Manager. The coordinated efforts of several members of a school staff would do much to broaden and strengthen the Nutrition program throughout the School.

It is planned that an Administrator's Conference be held during one of the last days of the Workshop session. It is hoped that Administrators from the schools represented by other school staff in the Workshop will attend this conference to become acquainted with the purposes and share in the work of the group. Much depends upon the active interest and support of Administrators if the Elementary Curriculum is to continue to be enriched in the area of Nutrition and it is hoped that this Conference will afford an opportunity for school administrators to participate in the program.

Interested teachers should address their inquiries concerning the Workshop to: Home Economics Department, New York State College for Teachers, 1300 Elmwood Avenue, Buffalo 9, New York.

Enrollment is limited. Two semester hours credit. Mrs. Baker, Miss Longman, and others.

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. Mr. Stamp.

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.

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.

SCIENCE

Sci. 101s. Physical Science I. A survey of three branches of science frequently encountered in the elementary school curriculum. Astronomy, geology and weather are studied with emphasis placed upon such ideas as the size and organization of our solar system; energy transformation and their relationship to weather; processes which have modified and continue to modify the earth's surface. Ten class hours per week including laboratory. Three semester hours credit. Mr. Arthur.

Sci. 201s. Biology. The development of generalizations, principles and theories in the science of living things. This study of fundamentals is designed to prepare students for the study of the more specialized biological sciences. Ten class hours per week. Three semester hours credit. Dr. Fretz.

Sci. 231s. Elementary Physics. A single semester survey course covering the phases of physics most important in the field of teaching of elementary science. Laboratory work stresses experiments with simple apparatus suitable for elementary level adaptation. This course will be of particular value to elementary teachers who wish to use materials in this area in their teaching. Ten class hours per week including laboratory. Three semester hours credit. Mr. Stamp.

Sci. 402s. Geology. A presentation of the results of geologic processes during past ages including life and activity in various eras. Local fossils, rock formations and geologic history are studied in the museum and on field trips. One afternoon each week should be reserved for field trips. Prerequisite: Sci. 101 or equivalent. Seven class hours per week; field trips and laboratory. Two semester hours credit. Mr. Arthur.

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

Sci. 504s. Science Camp. Open to undergraduate seniors. For description see listing under science—graduate courses, page 20.

SOCIAL STUDIES

S.S. 225s. Historical Influences on Modern Society. The influence and impact of significant forces in civilization upon present-day culture. Selection will be made from such topics as: medieval scholasticism, Renaissance individualism and humanism, the development of the scientific spirit, 18th century rationalism, origins and formation of revolutionary doctrine, the evolution of the democratic idea, imperialism, nationalism, the recent rise of oriental peoples, and the growth of international organizations. Eight class hours per week. Three semester hours credit. Mr. Vernon.

S.S. 305s. American History from 1789-1865. A study of the development of American political, social and economic institutions under the Constitution, from its adoption in 1789 to its final acceptance in 1865. Five class hours per week. Two semester hours credit. Dr. Rapp.

S.S. 341s. Nationality Groups in American Culture. A study of the social problems and cultural contributions of the immigrant ethnic groups that have furnished the greatest numbers to the American population. Patterns of immigration, immigrant institutions, community life, and legislation are examined. Problems of assimilation and of the "second generation" are emphasized. Five class hours per week. Two semester hours credit. Dr. Hollister.

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. Hollister.

S.S. 428s. History of Canada. Selected topics in the political, economic, and social history of Canada, from the beginnings to the present day, with special emphasis on Canada's relations with the United States. Eight class hours per week. Three semester hours credit. Mr. Vernon.

SUMMER SESSION PROGRAM

July 5—August 12, 1949

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 (*).

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

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 10:45-1:15.

GRADUATE COURSES

FIRST PERIOD—8:10-9:00

Catalog No.	Name of Course	Instructor
Art 509s	.....Graduate Studio in Crafts.....	Mr. Dakin
Ed. 500s	.....Workshop in Elementary Education.....	Mr. Bradley Mrs. Ulery
Ed. 500As	.....Workshop in Elementary Education (Liberal Arts)	Dr. Lange Dr. Pugsley
Ed. 502s	.....Supervision	Dr. Lange
Ed.H. 501s	.....Workshop in Education of Mentally Retarded	Dr. Fouracre Mrs. White
Ed.H. 502s	.....Workshop in Education of Orthopedic- ally Handicapped Children	Dr. Fouracre Miss D'Agostino Dr. Gronewold
Eng. 502s	.....Studies in American Literature.....	Miss Conkey
H.Ec. 503s	.....Family Relationships	Mr. Neuthardt
I.A. 501s	.....Seminar in Industrial Arts.....	Mr. Strong
I.A. 512s	.....Workshop in Textiles.....	

SECOND PERIOD—9:10-10:00

Catalog No.	Name of Course	Instructor
Art 509s	.....Graduate Studio in Crafts.....	Mr. Dakin
Ed. 500s	.....Workshop in Elementary Education.....	Mr. Bradley Mrs. Ulery
Ed. 500As	.....Workshop in Elementary Education (Liberal Arts)	Dr. Lange Dr. Pugsley
Ed. 502s	.....Supervision	Mrs. Penn
Ed. 512s	.....Seminar in Child Development (Liberal Arts)	Dr. Fouracre Mrs. White
Ed.H. 501s	.....Workshop in Education of Mentally Retarded	

Catalog No.	Name of Course	Instructor
Ed.H. 502s	.....Workshop in Education of Orthopedic- ally Handicapped Children	Dr. Fouracre Miss D'Agostino Dr. Gronewold
Eng. 502s	.....Studies in American Literature.....	Miss Lemaire
Geog. 501s	.....Studies in Industrial Geography.....	Miss Conkey
H.Ec. 503s	.....Family Relationships	Mr. Neuthardt
I.A. 501s	.....Seminar in Industrial Arts.....	Mr. Strong
I.A. 512s	.....Workshop in Textiles.....	Dr. Urban
Sci. 500s	.....Science in the Elementary Curriculum....	

THIRD PERIOD—10:10-11:00

Catalog No.	Name of Course	Instructor
Art 505s	.....Seminar in Art Education.....	Dr. Czurlis
Ed. 500s	.....Workshop in Elementary Education.....	Mr. Bradley Mrs. Ulery
Ed. 500As	.....Workshop in Elementary Education (Liberal Arts)	Dr. Lange Dr. Crayton
Ed. 501s	.....Seminar in Elementary Education.....	Mrs. Penn
Ed. 512s	.....Seminar in Child Development (Liberal Arts)	Dr. Smay
Ed. 533s	.....Workshop in Visual Education.....	
Ed.H. 501s	.....Workshop in Education of Mentally Retarded	Dr. Fouracre Mrs. White
Ed.H. 502s	.....Workshop in Education of Orthopedic- ally Handicapped Children	Dr. Fouracre Miss D'Agostino Dr. Jann
Ed.H. 503s	.....Speech Correction and Clinic.....	Miss Lemaire
Geog. 501s	.....Studies in Industrial Geography.....	Mr. Strong
I.A. 512s	.....Workshop in Textiles.....	Dr. Urban
Sci. 500s	.....Science in the Elementary Curriculum....	
S.S. 505s	.....Studies in Contemporary Economic Problems	Dr. Albright

ASSEMBLY LUNCH PERIOD

FOURTH PERIOD—11:10-12:00

Catalog No.	Name of Course	Instructor
Art 505s	.....Seminar in Art Education.....	Dr. Czurlis
Ed. 500s	.....Workshop in Elementary Education.....	Mr. Bradley Mrs. Ulery
Ed. 500As	.....Workshop in Elementary Education (Liberal Arts)	Dr. Lange Dr. Crayton
Ed. 501s	.....Seminar in Elementary Education.....	Dr. Pugsley
Ed. 504s	.....Elementary School Principalship B.....	Mrs. Penn
Ed. 512s	.....Seminar in Child Development (Liberal Arts)	Dr. Smay
Ed. 533s	.....Workshop in Visual Education.....	
Ed.H. 501s	.....Workshop in Education of Mentally Retarded	Dr. Fouracre Mrs. White
Ed.H. 502s	.....Workshop in Education of Orthopedic- ally Handicapped Children	Dr. Fouracre Miss D'Agostino Dr. Jann
Ed.H. 503s	.....Speech Correction and Clinic.....	Dr. Bradford
Eng. 504s	.....Origin and Development of English Drama	
S.S. 505s	.....Studies in Contemporary Economic Problems	Dr. Albright

Catalog No.	Name of Course	Instructor
*H.Ed. 402s	Health Protection	Mr. Adessa
H.Ec. 413s	Workshop in Nutrition for the Elementary School	Mrs. Baker Miss Longman
Music 305s	Music for Children.....	
Sci. 501s	Field Studies in Science I.....	Dr. Fretz
S.S. 428s	History of Canada.....	Mr. Vernon

FIFTH PERIOD—12:10-1:00

Catalog No.	Name of Course	Instructor
Art 406s	Creative Art Workshop.....	Miss Fedigan
Ed. 102s	Child Development	Dr. Hertzberg
Ed. 463s	Driver Education and Safety.....	Mr. Palmeter
Ed. 485s	Reading Clinic	Mrs. Dunklin Dr. Dunklin
Ed.H. 501s	Workshop in Education of Mentally Retarded	Dr. Fouracre Mrs. White
Ed.H. 502s	Workshop in Education of Orthopedically Handicapped Children.....	Dr. Fouracre Miss D'Agostino
Ed.H. 513s	Seminar in Speech Science.....	Dr. Jann Mr. Schuck
*Eng. 304s	American Literature	
Geog. 402s	Economic Geography	
H.Ec. 413s	Workshop in Nutrition for the Elementary School	Mrs. Baker Miss Longman
Sci. 101s	Physical Science I.....	Mr. Arthur
Sci. 231s	Elementary Physics	Mr. Stamp
Sci. 501s	Field Studies in Science I.....	Dr. Fretz
S.S. 225s	Historical Influences on Modern Society	Mr. Vernon
*S.S. 341s	Nationality Groups in American Culture	Dr. Hollister

SIXTH PERIOD—1:10-2:00

Catalog No.	Name of Course	Instructor
Art 406s	Creative Art Workshop.....	Miss Fedigan
Ed. 102s	Child Development	Dr. Hertzberg
Ed. 463s	Driver Education and Safety.....	Mr. Palmeter
Ed. 485s	Reading Clinic	Mrs. Dunklin Dr. Dunklin
Ed.H. 501s	Workshop in Education of Mentally Retarded	Dr. Fouracre Mrs. White
Ed.H. 502s	Workshop in Education of Orthopedically Handicapped Children.....	Dr. Fouracre Miss D'Agostino
Ed.H. 513s	Seminar in Speech Science.....	Dr. Jann Miss Lemaire
Geog. 402s	Economic Geography	
H.Ec. 413s	Workshop in Nutrition for the Elementary School	Mrs. Baker Miss Longman
*Music 404s	The Art of Enjoying Music.....	
Sci. 101s	Physical Science I.....	Mr. Arthur
Sci. 231s	Elementary Physics	Mr. Stamp
S.S. 225s	Historical Influences on Modern Society	Mr. Vernon

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NEW YORK STATE COLLEGE
FOR TEACHERS BULLETIN

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EDWARD H. HULLER
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