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STATE UNIVERSITY OF NEW YORK

BUFFALO

STATE COLLEGE FOR TEACHERS

1951

SUMMER
SESSION

JULY 2 TO
AUGUST 10

CAMPUS WORKSHOPS

Elementary School Administration, Elementary Education, Elementary School Nutrition, Audio-Visual Education, Art, Reading Clinic, Elementary Education for Liberal Arts graduates, Cerebral Palsy Education.

GRADUATE PROGRAM

Over fifty courses in five fields: General Elementary Education, Home Economics, Industrial Arts, Art Education, and Education for Handicapped. Electives in General Education.

UNDERGRADUATE COURSES

Many courses in art, elementary education, education for handicapped, driver-training, English, health education, history, mathematics, music, sociology, and science.

DORMITORIES AND UNION

Beautiful, spacious new College Union with Snack Bar, Cafeteria, Game Room, and Bookstore. Rooms in new dormitories available for men and women.

DEMONSTRATION SCHOOL

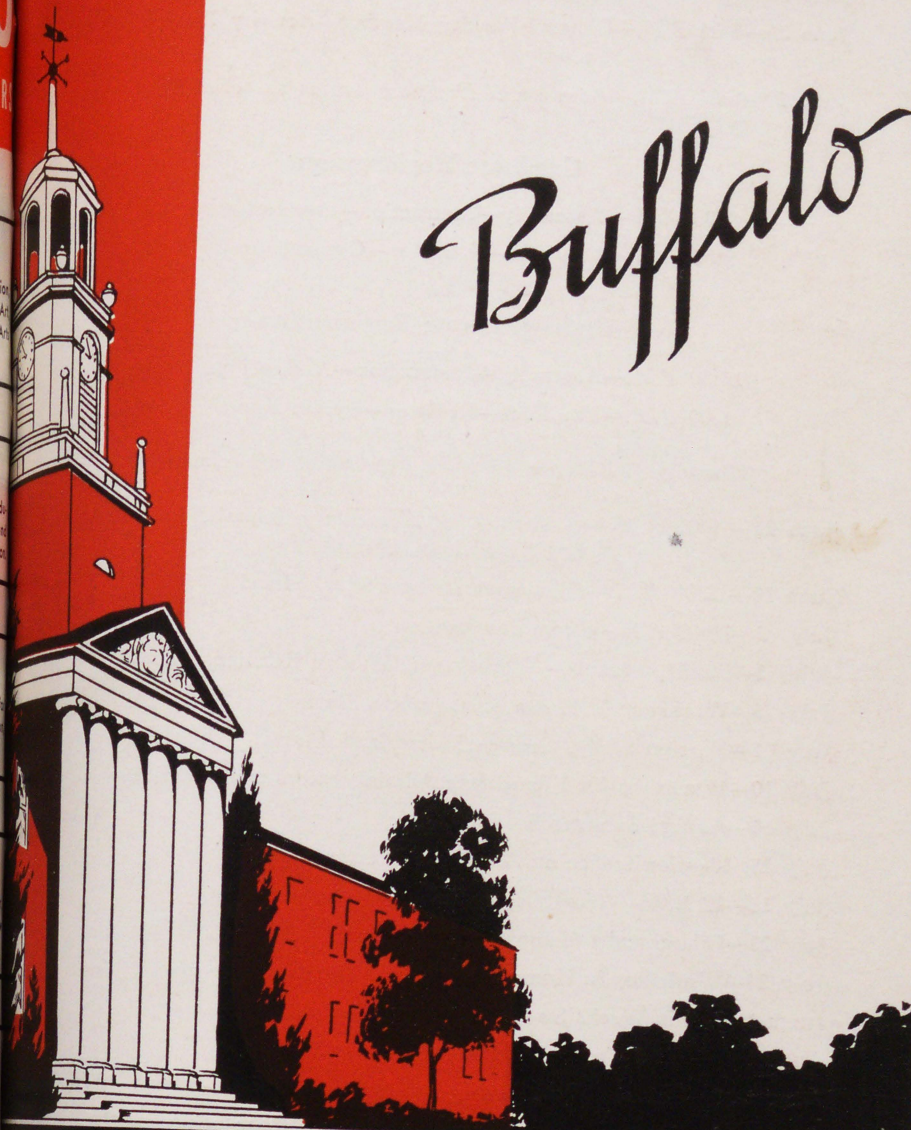
Eight Grades—kindergarten through grade seven. Selected staff of expert teachers, demonstration best teaching practices. Many opportunities for participation, observation.

STUDY TOURS AND FIELD COURSES

Fifty-three-day Tour of England, France, Holland, Switzerland, and Italy.
Sixteen-day Field Course in Mexican life and culture, round trip by air.
Sixteen-day Field Course in New York History and Geography by modern bus.
Two-week Science Camp at Allegany State Park. Tour of State Industrial Centers.

1953

Buffalo



STATE UNIVERSITY OF NEW YORK

STATE COLLEGE FOR
TEACHERS BULLETIN

PERIODICALS DEPARTMENT

EDWARD H. BUTLER

STATE UNIVERSITY OF NEW YORK

1300 ELWOOD AVENUE

BUFFALO, N. Y. 14203

CALENDAR 1953

- June 23— Friendship Studytour of Western Europe Starts
June 28—8:00 P.M.—General Faculty Meeting—Activity Rooms, College Union
June 29—8:00 A.M.—Accelerated Program begins as scheduled

Graduate Registration

- 9:00 A.M.—Assembly—Instruction—Auditorium
9:30 A.M.—Pay Fees—Register—Gymnasium

Undergraduate Registration

- 12:30 P.M.—Assembly—Instruction—Auditorium
1:00 P.M.—Pay Fees—Register—Gymnasium

Penalty (\$1.00 per day) for registration after June 29

- June 29— 9:00 A.M.—Workshop for Elementary School Administrators and Supervisors Starts
June 30— 8:00 A.M.—All classes convene as scheduled
July 2—10:00 A.M.—First Convocation
July 5—Sunday evening—Workshop in Human Relations Starts
July 6—Workshop in Home Management Starts
July 6—Foreign Study, Geneva, Switzerland, Starts
July 10—Workshop for Elementary Administrators and Supervisors Closes
July 15—Annual Summer Session Picnic
July 16, 17—Conference on Art in the Elementary School
July 18—12 Noon—Workshop in Human Relations Closes
July 23—School and Community Conference
July 24—Workshop in Home Management Closes
August 7—Six Weeks Summer Session Closes
August 8—Field Course in Mexican Culture Starts
August 9—Outdoor Workshop in Art in Allegany State Park Starts
August 20—Friendship Studytour of Western Europe returns
August 21—Eight Weeks Accelerated Session Closes
August 22—Outdoor Workshop in Art in Allegany State Park Closes
August 22—Field Course in Mexican Culture Returns
August 26—Foreign Study, Geneva, Switzerland Closes

State University of New York

NEW YORK STATE COLLEGE FOR TEACHERS

BULLETIN

BUFFALO, NEW YORK

1953 SUMMER SESSION Announcements

GRADUATE and UNDERGRADUATE DIVISIONS

NEW YORK STATE COLLEGE FOR TEACHERS BULLETIN

Volume XXI Number 3

One of Four Publications Issued Quarterly; March, April, August,
and October by New York State College for Teachers,
Buffalo 22, N. Y.

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PERIODICALS DEPARTMENT
 EDWARD H. BUTLER JR.
 STATE UNIVERSITY CO.

1300 FLAMMWOOD AVENUE
 BUFFALO, N. Y. 14202

OFFICERS OF SUMMER SESSION

| | |
|--------------------------------|--|
| HARVEY M. RICE..... | President |
| RALPH HORN..... | Dean and Director of Summer Session |
| STANEY A. CZURLES..... | Director of Art Education |
| ALLAN P. BRADLEY..... | Director of Elementary Education Division |
| ROBERT E. ALBRIGHT..... | Director of Graduate Study and Extension Education |
| GORDON J. KLOPF..... | Dean of Students |
| CATHERINE E. REED..... | Associate Dean of Students |
| ANTHONY MILANOVICH..... | Principal of the Demonstration School |
| GEORGE R. SHERRIE..... | Co-ordinator of Field Services |
| D. PAUL SMAY..... | Co-ordinator of Audio-Visual Education |
| JOSEPH WINCENC..... | Co-ordinator of Social and Off-Campus Activities |
| ELLEN RUTH HOLLY..... | Assistant Dean of Students in Charge of Residence Halls |
| MARGARET KNEUPPEL..... | Assistant Dean of Students in Charge of College Union |
| FRANCES G. HEPINSTALL..... | College Librarian |
| M. FRANCES BREEN..... | Assistant College Librarian |
| HELEN E. RIMKUS..... | Assistant College Librarian |
| EUGENIA TRUESDELL..... | Assistant College Librarian |
| RICHARD G. DYER-HURDON..... | Registrar |
| ROBERT M. GOEHLE..... | College Business Manager |
| LORRAINE RAPS..... | Nurse-Instructor |
| JOHN V. WADSWORTH, M.D..... | College Physician |
| JOSEPH P. CANNAMELLA..... | Food Manager of the College Union |
| CHARLOT MOEHLAU FETTERMAN..... | Manager of the Bookstore |
| MARIETTA RINDONE FERRO..... | Assistant Manager of the Bookstore |
| HARRY W. CURTIN..... | Custodian of Buildings and Grounds |
| JUNE FISCHER PERKINS..... | Stenographer |

INSTRUCTIONAL STAFF

Visiting Faculty

| | |
|--------------------------|--|
| John Belniak..... | Social Studies Instructor in Political Science and Citizenship, Harpur College, Endicott, N. Y. |
| Edith M. Breckon..... | Graduate Workshop (I.T.T.P.) Rural Critic, Lewiston-Porter Central School |
| George S. Corfield..... | Geography Assistant Professor of Geography, Oklahoma Agricultural and Mechanical College, Stillwater, Oklahoma |
| Marjorie Duly..... | Graduate Workshop (I.T.T.P.) Assistant Principal, School 52, Buffalo, N. Y. |
| Laura D. Dunklin..... | Reading Clinic Teacher of Reading, the Seminary, Buffalo, N. Y. |
| Muriel K. Garten..... | Graduate Workshop Reading Consultant, Stephenson School, New Rochelle, N. Y. |
| Helen L. Gillham..... | Fourth Grade Critic Teacher, West Washington Teachers College, Bellingham, Washington |
| Joan Hume..... | Geography Department of Geography, The Ohio State University, Columbus, Ohio |
| Bernard W. Kinsella..... | Seminar Leader Elementary Administration Workshop Principal, Allen Creek School, Rochester, N. Y. |
| Carl Kumpf..... | Education Principal, Miller Street School, Newark, N. J. |
| Lucille Murley..... | First Grade Teacher, Westview School, Richmond, Indiana |
| Myron Northrup..... | Graduate Workshop (I.T.T.P.) Principal, Eggertsville School #13, Eggertsville, N. Y. |
| Janet O'Brien..... | Fifth Grade Teacher, Eggert Road School, Eggertsville, N. Y. |
| Elvira Pandolfi..... | Kindergarten Teacher, Buffalo Public Schools |
| Marion Passage..... | Primary Grade Teacher, Niagara Falls, N. Y. |
| Lorraine Schreiner..... | Second Grade Helping Teacher, Kenmore Public Schools, Kenmore, N. Y. |
| Eva Shockley..... | Graduate Workshop (I.T.T.P.) Supervisor, Royalton Hartland School, Middleport, N. Y. |
| Betty Jane Tutton..... | English Instructor in English, Bob Jones University, Greenville, S.C. |
| Myrle Wilbur..... | Sixth Grade Teacher, Plandome School, Manhasset, N. Y. |
| William Williams..... | Seventh Grade Teacher, University School, Ohio State University, Columbus, Ohio |

**Staff Members of the State University of New York
College for Teachers, Buffalo**

Lois G. Adams.....Home Economics
Assistant Professor of Home Economics

Joseph P. Adessa.....Health Education
Assistant Professor of Health Education

Robert E. Albright.....Social Studies
Professor of Sociology, Director Graduate Division and Extension Education

R. P. Denis Baron.....Education
Professor of Education, Chairman of Child Study Center

M. Frances Breen.....Library
Assistant College Librarian

Silas L. Boyd.....Music
Professor of Music, Chairman of Department

Arthur L. Bradford.....English
Professor of English, Chairman of Department

Allan P. Bradley.....Director, Graduate Workshop
Director of the Elementary Education Division

Edmund A. Brown.....Social Studies
Instructor in History

Richard C. Brown.....Social Studies
Instructor in History

Anna P. Burrell.....Director Workshop in Human Relations
Professor of Education

David A. Cappiello.....Industrial Arts
Instructor in Industrial Arts

Mary E. Cochnower.....English
Professor of English

Howard S. Conant.....Art
Professor of Art

Stanley A. Czurles.....Art
Director of the Art Education Division

Eugene L. G. Dakin.....Art
Assistant Professor of Art

Fraser B. Drew.....English
Professor of English

Richard G. Durnin.....Education
Instructor in Education

Martin B. Fried.....English
Professor of English

Monica Gensbittel.....Library
Library Assistant

Eleanor M. Gover.....Director, Graduate Workshop (I.T.T.P.)
Assistant Professor of Elementary Education, Campus School, First Grade

Margaret A. Grant.....Home Economics
Professor of Home Economics

Rhoda Y. Greenwood.....English
Instructor in English

Walter B. Greenwood.....English
Professor of English

Benjamin F. Gronewold.....English
Professor of English

Carl E. Hein.....Social Studies
Instructor in History

Frances G. Hepinstall.....Library
College Librarian

Oscar E. Hertzberg.....Education
Professor of Education, Chairman of Department

Frederick J. Hollister.....Social Studies
Professor of Sociology and History

Mary L. Jamison.....Education
Assistant Professor of Elementary Education, Campus School, Kindergarten

Otto A. Jiskra.....Art
Instructor in Art

Eleanor G. Kelly.....Third Grade
Instructor in Elementary Education, Campus School, Second Grade

Lenore Kemp.....Library
Junior Librarian

Dorismae Kent.....Library
Junior Librarian

Gordon E. Klopff.....Guidance
Dean of Students

Richard H. Lampkin.....Science
Professor of Science

George M. Laug.....Science
Instructor in Science

Elizabeth Goode Penn.....Education
Assistant Professor of Education

Lester B. Mason.....History
Professor of History

Howard J. Meyer.....Education
Instructor in Industrial Arts

Anthony Milanovich.....Director of Demonstration School
and Education
Assistant Professor of Education

Valentine J. Nadolinski.....Science
Instructor in Science

Mae O'Brien.....Graduate Workshop
Professor of Education

Harold F. Peterson.....Social Studies
Professor of History and Chairman of Department

Julia C. Piquette.....English
Instructor in English

Lorraine Raps.....Instructor-Nurse
Instructor-Nurse

PERIODICALS DEPARTMENT
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STATE UNIVERSITY COLLEGE

1370 FLEMING AVENUE
BUFFALO, N. Y. 14203

| | | |
|----------------------------------|---|--|
| Marvin A. Rapp..... | Professor of History | Social Studies |
| Robert T. Redden..... | Assistant Professor of Education and Geography | Geography |
| Helen E. Rimkus..... | Assistant College Librarian | Library |
| Cecil T. Rodney..... | Assistant Professor of Mathematics | Mathematics |
| Mildred Roesser..... | Assistant Professor of History | Social Studies |
| Ellsworth M. Russell..... | Assistant Professor of Industrial Arts | Industrial Arts |
| Conrad J. Schuck..... | Assistant Professor of English | English |
| Howard G. Sengbusch..... | Instructor in Science | Science |
| Paul W. Sloan..... | Professor of Education | Education |
| D. Paul Smay..... | Professor of Art and Co-ordinator of Visual Education | Audio-Visual Education |
| Harry J. Steel..... | Director of Education, Professor of Education | Education |
| Richard A. D. Stewart..... | Professor of Family Life | Family Life |
| Ruth Sugarman..... | Professor of Elementary Education and Acting Principal of the Campus School | Education |
| William H. Tallmadge..... | Instructor in Music | Music |
| Ellen Akins Thiel..... | Instructor in Education for Exceptional Children | Education for Exceptional Children |
| Eugenia Truesdell..... | Assistant College Librarian | Library |
| F. Norman Truesdale..... | Assistant Professor of Art | Photography & Audio-Visual Education |
| Malvin Vitriol..... | Library Assistant | Library |
| Anna Ryan Voltz..... | Instructor in Science | Science |
| Norman F. Weaver..... | Instructor in History | Consultant Human Relations Workshop |
| Frank W. Webster..... | Assistant Professor of Music | Music |
| Artnoll L. Wegner..... | Professor Health Education, Chairman of Department | Health Education |
| Katheryne Thomas Whittemore..... | Professor of Geography, Chairman of Department | Geography |
| D. Kenneth Winebrenner..... | Professor of Art | Art |
| Joseph Wincenc..... | Professor of Music | Co-ordinator of Social and Off-Campus Activities |

HIGHLIGHTS of the 1953 SUMMER SESSION

1. **50 GRADUATE COURSES** in five major areas: art education, elementary education, home economics, industrial arts, and education for exceptional children, leading to the Master's Degree.
2. **36 UNDERGRADUATE COURSES** for teachers in service, regular session students, transfers and those needing refresher work, leading to the Bachelor's Degree.
3. **FRIENDSHIP TOUR** visiting Holland, Germany, Austria, Italy, Switzerland, and France—Credit or non-credit. Graduate and undergraduate.
4. **MEXICAN FIELD COURSE** 15 days, round trip by air, study of Mexican civilization and culture. 11 days in the vicinity of Mexico City—Credit or non-credit. Graduate or undergraduate.
5. **WORKSHOP IN ELEMENTARY ADMINISTRATION AND SUPERVISION**, two weeks, seminars and lectures, leaders of state and national recognition—Credit or non-credit.
6. **WORKSHOP IN HUMAN RELATIONS**, a two weeks experience in living and working together harmoniously, learning and developing the values of group effort and group intelligence for strengthening democratic living.
7. **WORKSHOP IN HOME MANAGEMENT**, planned for teachers of homemaking to consider problems of the family in relation to the management of the home.
8. **WORKSHOP IN PAINTING, ALLEGANY STATE PARK**, two uninterrupted weeks of painting in beautiful Allegany State Park. A camp for students with some painting experience. Limited enrolment.
9. **INTERNATIONAL EDUCATION**—University of Geneva, Switzerland, Two and four weeks study of International Organizations and International Education. Living at the historic International School in Geneva, Switzerland.
10. **CONFERENCE ON ART IN THE ELEMENTARY SCHOOL**, a two day conference to bring some of the best art programs to the attention of teachers and to provide opportunity for discussion of issues involved.
11. **CREATIVE DRAMATICS**, a lecture and participation course in informal playmaking with children.

12. **INTENSIVE TEACHER TRAINING PROGRAM**, for Liberal Arts College graduates desiring to qualify for teaching in the elementary grades and earning the Master's Degree.
13. **READING CLINIC**, Director, Mrs. Dunklin, offered for ninth successive summer. A laboratory course in the improvement of reading abilities and the diagnosis and treatment of reading difficulties.
14. **SEMINAR IN INDUSTRIAL COOPERATIVE EDUCATION**, study of the development in cooperative education in the State and the factors involved in initiating and administering it.
15. **SAFETY EDUCATION**, a course designed to equip the teacher with a better background to do the most effective job possible of teaching people how to live safely.
16. **ADMINISTRATION AND SUPERVISION OF AUDIO-VISUAL EDUCATION PROGRAMS**, a course for those wishing to prepare themselves to direct or coordinate audio-visual programs in the schools.
17. **EXTENSIVE ACCELERATED PROGRAM** for students of the Elementary Education Division desirous of finishing the regular four year program in three years.
18. **DRIVER EDUCATION**, special program developed to prepare students for certification.
19. **EARLY CHILDHOOD EDUCATION**, courses in art, education, literature, drama, music, leading to special certification.
20. **GRADUATE WORKSHOP IN ELEMENTARY EDUCATION**, for elementary teachers wishing to study special problems of elementary education and teaching. Directed by experienced teachers.
21. **DEMONSTRATION SCHOOL**, nine groups, kindergarten through the seventh grade—excellent instruction—opportunities for observation and participation.
22. **ALL COLLEGE PICNIC**, traditionally on the third Wednesday. Faculty and students have fun together.
23. **CONVOCATIONS, FIELD TRIPS, THEATRE PARTIES, SYMPOSIA**, and other entertainment arranged for recreational purposes.
24. **BUFFALO**, population of 600,000, on east end of Lake Erie, cool breezes, beaches, parks, theatres; golf, baseball, tennis, swimming.

LOCATION OF THE COLLEGE

Buffalo, the Queen City of the Lakes, is an ideal location for a summer school. The climate, tempered by westerly winds from the Great Lakes, is more often cool and comfortable than that of any other eastern city. The city is easily accessible by water, rail, or automobile; and the college can be reached easily by bus or taxicab. Across the street from the college are the Albright Art Gallery and the Buffalo Historical Museum, both imposing and dignified works of architecture; and they offer interesting exhibits and programs to the summer visitor. Just beyond them is Delaware Park, a large municipal recreation center with a lake, a golf course, a bridle path, tennis courts and baseball diamonds. Nearby are the Buffalo School of Fine Arts, affiliated with the college, and the Buffalo Museum of Science, whose programs are available to students. Buffalo boasts one of the finest concert halls in the world, the Kleinhans Music Hall, and a nationally famous symphony orchestra. And for those interested in the drama there are summer theatres operated by professional and semi-professional groups.

ADMISSION

The undergraduate summer session is open to anyone qualified for teaching and students who are attending this college or any other college. High school graduates who have not matriculated in any college are eligible only for the accelerated program. This session is not open to students who have not completed high school.

No formal application for admission to the summer session is required. Registration constitutes admission. Students of State, in regular session, who have not graduated must get written permission from the Dean before they will be permitted to register. Regular session students from other colleges are urged to have their programs approved by their respective colleges before registering, to eliminate any difficulty in transferring credit.

Students wishing to apply for admission to the Graduate Division, please read special requirements on pages 36 to 38 of this bulletin. Write to Dr. Robert E. Albright, Director of the Graduate Division, for application blanks or other further information.

FEEES

State University of New York has authorized the collection of Summer Session fees, at a uniform rate, by all of the Teachers Colleges of this State. The schedule for the fees of the 1953 Summer Session is as follows:

| | |
|-----------------------------------|---|
| Tuition | |
| Undergraduate residents | \$10.00 per Semester Hour Credit |
| Undergraduates, out of state..... | \$12.50 per Semester Hour Credit |
| Graduate, all students..... | \$12.50 per Semester Hour Credit |
| College fee | \$ 1.00 per credit hour, maximum \$6.00 |
| Student Activity fee..... | \$ 1.00 per student |
| Late Registration fee..... | \$ 1.00 per day to a maximum of \$3.00 |

Veterans who wish to file for summer session benefits should complete all arrangements before registration. These arrangements can be made in Room V106, Vocational Building.

Students enrolled in the eight-week accelerated program pay no tuition charges but must pay the College Fee and the Student Activity Fee. Those enrolled in special programs on campus or off-campus, must pay a College Fee of \$1.00 per credit hour. The Student Activity Fee of \$1.00 is charged to students taking on-campus courses regardless of their duration. Off-campus field courses, tours and camps pay additional fees as indicated in special descriptions elsewhere in this catalog.

Refunds of fees paid will be made in full to students who withdraw during the week of registration. No refunds of fees will be made after that period unless withdrawal is for the purpose of entering military service.

All fees are subject to change without notice.

RESIDENCE HALLS FOR MEN AND WOMEN

The residence halls on the College campus have facilities for the non-resident students during the summer session. West Hall will house one hundred and fifty (150) men and North Hall one hundred and fifty (150) women. Although most of the rooms have accommodations for two, there are a few single rooms. Each room is equipped with very comfortable beds, spacious desks, chairs, built-in closets and dressers. All of the residence halls are connected with the College Union which has an attractive lounge and recreational and food facilities.

The halls also have laundries with stationary tubs, automatic washers, dryers and ironing boards. There is adequate general storage space as well.

Students need to bring sheets, pillows and slips, blankets and a desk lamp. The rate is \$6.00 per week for a single room and \$5.50 for a double room.

Meals are available in the College Union dining room at \$10.00 per week for two meals a day. Cafeteria and snack facilities are available for the noon meal in the Union and in the Administration Building on the campus.

Information and reservations for rooms should be made with the Office of the Dean of Students. Requests for information concerning off-campus housing and student-helper positions should also be made through this Office.

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 equivalent to the work of the same courses offered during the regular session.

2. The maximum amount of undergraduate credit allowed is eight semester hours. Students are strongly advised to attempt no 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 shop, or studio 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 four summer sessions of at least six semester hours each in residence. It is also required that the last semester's work (or last 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.

6. 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.

7. Graduates of the Three-Year Normal Course expecting to qualify for the degree should have their individual records evaluated by the Director of the Summer Session or the Registrar. If they have completed the regular required curriculum without deviation, their requirements will probably be as follows:

- (1) 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. Not more than eight semester hours may be taken in education courses.
- (2) 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 Teaching); 3 hours, American History (not Social Studies 301-2); Modern Social Trends or Social Studies 402 (Sociology); and 17 hours electives, 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.
- (3) All those who received the provisional form of certificate are reminded 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.

8. Graduate credit. See graduate section, pages 36-43.

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 |
| Convocation Period (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. Both Cafeterias will be open from 10:30—1:30. The Snack Bars will be open continuously throughout the day.

FIELD TRIPS, STUDYTOUR, WORKSHOPS, CONFERENCES, CLINIC AND ART CAMP

Each summer we endeavor to offer opportunities for rich and varied experiences beyond the regular classroom. Last year we had our second trip to Europe, a science camp, several workshops and conferences. These met with such favorable acclaim that we have extended this type of offerings for 1953. Detailed explanations of these features are as follows:

1. THIRD FRIENDSHIP STUDYTOUR OF WESTERN EUROPE: For the third successive year, a studytour of Western Europe is being organized as a feature of the summer session program. Purposes are to get acquainted with European people and to see the cultural monuments of each country on the itinerary.

Thirty-seven days will be spent in Holland, Germany, Austria, Italy, Switzerland, and France. Through special arrangements, there will be opportunities to visit other countries.

The studytour will begin in New York about June 25 and end in New York about August 20. Those going by plane would leave later and arrive in New York earlier.

Eight graduate or undergraduate credits may be earned. Those interested in credit will enroll in Studytour of Western Europe (see page 47).

Main cities to be visited are Amsterdam, Bonn, Munich, Venice, Florence, Rome, Milan, Geneva, and Paris. Other places on the itinerary are Heidelberg, Weisbaden, and Rothenburg—in Germany; Perugia and Assisi, in Italy; Kandersteg, in Switzerland; Versailles and Chartres, in France; The Hague, Haarlem, Volendam, and Leyden—in Holland.

There will also be a boat trip up the most picturesque part of the Rhine and motor trips through the Bavarian and Tyrolean Alps, the Dolomites of Italy, and the hill towns of Italy.

Cost will be about \$1200; tuition is extra.

For more information write Studytour Director, Dr. Benjamin F. Gronewold, College for Teachers, Buffalo 22, New York.

2. FIELD COURSE IN MEXICAN CULTURE: The Field Course in Mexican culture offers fifteen days of study by land and air (August 8-22): two days on campus for orientation and travel arrangements; eleven days for study in Mexico; and two days for the flights to Mexico City and return.

The primary aim of the course is to promote international understanding through first-hand association with a foreign people and the land they occupy. Students will analyze the geographic, historical, and social factors which have produced Mexico's distinctive culture. Trips through the countryside by private bus will take the class into small Indian villages, into mountain, desert, and tropic regions, and to sites famed in Mexican history.

Special activities are planned for teachers of special subjects and elementary grades. Art teachers will be given opportunities to study Indian and colonial architecture, to appraise modern Mexican murals, and to sketch on location. Teachers of Industrial Arts will inspect methods of producing folk art in silver, ceramics and textiles. Teachers of Home Economics will study Mexican design in clothing and homes. Elementary teachers will study the life of the people, from folk music and dancing to educational methods. Local specialists will assist the instructor. On the flights to and from Mexico City, airlines personnel will explain the operation of a modern airliner and assist in identification of topographic landmarks from the air.

Students will receive three semester hours credit. Plane fare and all expenses for eleven planned days in Mexico are expected to be about \$425 (plus tuition). Since enrollment is limited, a deposit of \$25.00 must be made with reservation. Balance must be paid by July 20, 1953. Deposit will be returned if notice of cancellation is given before June 1, 1953. Send reservations, deposits, and inquiries to Mr. Harold F. Peterson, Director, Mexico Field Course. See page 48.

3. INTERNATIONAL EDUCATION — Study Opportunities at the Famous International School, Geneva, Switzerland: An opportunity to study international education and international organizations in the international center of Europe is Buffalo State's newest endeavor for the summer of 1953.

This summer of resident study at the world famous International School, Geneva, Switzerland, provides many opportunities including visitation to the International Education Conference for the World at the Palace Wilson, Geneva; trips to the School of Rousseau, Pestalozzi School (to observe the outstanding international education experiment of our time), public and private schools of Switzerland (including the Swiss outdoor education program in summer camps), International Bureau of Education, Education Exhibits at the Palace Wilson, Headquarters of the International Red Cross, International Labor Office, International Union of Child Welfare, World Health Organization, United Nations sessions and Voice of America broadcasts.

Important features while in Geneva are the week end excursions by boat, train and motor coach to Zermatt (at the foot of the majestic Matterhorn) Berne, Lucerne, Fluelen and Chamonix at the foot of the beautiful Mont Blanc.

Living at the historic International School with its famous buildings, modern accommodations, including park, tennis courts, sport grounds, swimming, library and flower gardens, is an experience in European living and study that will be long remembered.

The courses offered at the International School include: The International Education Seminar from July 6 through July 17 and the International Organizations Seminar from July 20 through August 14. The International Education Seminar is organized to acquaint students with the educational problems and programs

of other nations and to become acquainted with the international education experiments of the day. The first week includes attendance at the International Education Conference at the Palace Wilson, Geneva and visits to the School of Rousseau and the Pestalozzi School. The second week includes seminars with education leaders as speakers from a variety of countries. Each presentation is followed by a one hour discussion. Credit two semester hours.

The International Organizations Seminar from July 20 through August 14. Today, it is possible to reach any one place from any other place in the world in ten hours of flight. It is becoming increasingly desirable for people to live with those of other cultures to gain insight, understanding and to become sensitive and alert to the many problems facing humans. It is with this need in mind that the International Organizations Seminar has been planned in one of the world's greatest international centers. The contact with the first hand problems of the great international organizations presents the work that is dealing with the inequalities of our global world. The four week seminar includes one speaker each day from each of the international organizations. This presentation is followed by a one hour discussion. In the afternoon a field trip to visit each of these organizations is planned. Credit four semester hours.

Additional credit of two hours may be earned by those completing the regular six weeks session.

The director of the resident study at the International School is Dr. Emerson E. Neuthardt of the Buffalo State Faculty. Please contact the director for all added information including travel opportunities. See page 46.

4. WORKSHOP FOR ELEMENTARY SCHOOL ADMINISTRATORS: The Workshop for Elementary School Administrators and Supervisors was so well received in previous years and those who participate were so enthusiastic about the good results that the service will be rendered again during the 1953 Summer Session. Scheduled for June 29 through July 10, the Workshop offers opportunity for elementary school principals and supervisors to define and study their problems under qualified professional leadership. For experienced teachers, this Workshop offers opportunity to prepare for elementary school administrative and supervisory positions. Since it is expected that many of the participants will be experienced administrators and supervisors, this should be an exceedingly practical preparation. For principals of twelve-grade schools, the Workshop offers re-orientation with current practice in elementary schools.

The morning sessions will be devoted to general lectures and discussions. The afternoon sessions will be given over to seminar study of problems of particular interest and concern to workshop participants. These seminar groups will remain intact under the directions of a qualified seminar leader throughout the ten-day

period. Seminar leaders are selected on advisement of cooperating principals and superintendents from the ranks of leading elementary school administrators and supervisors throughout New York State.

The Workshop will be housed in Pioneer Hall. Participants will live in the dormitories. One of the dormitories will be devoted to housing of women students and another entire dormitory reserved for men. A private dining room for the Workshop group has been reserved in the College Union. Some general meetings may be held in the auditorium to provide adequately for anticipated attendance.

Participants may attend the conference on a non-credit basis, paying the regular undergraduate tuition fee, or they may earn 2 hours credit, either graduate or undergraduate, upon payment of tuition fee, \$12.50 per credit graduate work or \$10.00 per credit undergraduate courses. There will be a College Union fee of \$2.00, a Student Activity fee of \$1.00, and a laboratory materials fee of \$2.00.

WRITE TO MR. GEORGE SHERRIE, DIRECTOR OF SUMMER SESSION ADMINISTRATION WORKSHOP, for a pamphlet of details and an application blank. See page 45.

5. HUMAN RELATIONS WORKSHOP: A Human Relations Workshop will be conducted at the State University of New York, College for Teachers, Buffalo from Sunday evening July 5, to Saturday noon July 18, 1953.

Teachers, counsellors, social workers, labor leaders, personnel administrators, parents, clergy and others whose work is of a personnel nature are invited to participate in the Workshop.

The Workshop will be committed to the principles: (1) people can live and work together harmoniously regardless of differences in religion, race, national origin, social or economic status; (2) the present world situation forces us to marshal all skills of cooperative endeavor to strengthen democratic society; (3) group effort and group intelligence yields greater results than any member of the group could produce alone.

Buffalo, a heterogeneous community with a number of functioning social agencies, will offer wide laboratory experiences to the group. Trips to points of activity within the community will be considered an integral part of the Workshop.

Housing—for the entire group will be provided in one unit of the dormitories and it is hoped that a part of the value of the Workshop will consist of the experience of living together on the campus for the two-week period. Those participants who find it necessary to live off campus should plan to spend the entire time from morning through the early evening, including Saturday, with the Workshop group. Special recreational facilities provided by the college will be made available to the Workshop as a group.

Staff—membership assures a broad and comprehensive approach to the problem of human relations. Dr. Anna Burrell, psychology and education; Dr. Gordon Klopff, group leadership and group dynamics; Norman Weaver, anthropology and social minorities. This staff will be supplemented with nationally known leaders who will serve as consultants and guests of the Workshop.

Credit—2 credits (undergraduate or graduate) may be obtained or one may participate in the Workshop on a non-credit basis.

Costs—Tuition, \$10.00 per credit hour for undergraduates, \$12.50 per credit hour for graduate work; non-credit tuition \$20. Room and board—a single room plus two meals a day (exclusive of lunch) will be \$32.00 for the two week period. A double room plus two meals a day (exclusive of lunch) will be \$31.00 for the two week period. Board without room will be \$20.00 for the two week period. There will be a College Fee of \$2.00 and a Student Activity Fee of \$1.00.

Application forms and further information may be obtained from Dr. Anna P. Burrell, State University of New York, College for Teachers, Buffalo 22, N. Y. See page 49.

6. GRADUATE WORKSHOP IN ELEMENTARY EDUCATION: The Workshop has proven a pleasant and profitable professional experience for teachers and administrators who wish to devote a summer to solution of a problem arising out of their own situations. This technique is particularly appropriate for mature graduate students.

A carefully selected, competent staff of consultants who have demonstrated ability to provide assistance in attacking instructional and administrative problems will again provide a well-organized Workshop in Elementary Education in the 1953 Summer Session at Buffalo.

Additional resources available to participants include a carefully selected library of basic references, courses of study, visual aids, demonstrations in the summer laboratory school, and the opportunity to work cooperatively with other teachers and administrators who are attacking similar problems.

The Workshop emphasizes a democratic and informal atmosphere in its organization. The effort is made at all times to demonstrate the best current practices and to apply them to study at the Graduate level.

Registration is open to graduate students for six semester hours. See page 44.

7. WORKSHOP IN ELEMENTARY EDUCATION FOR INTENSIVE TEACHER TRAINING PROGRAM: This workshop has been planned primarily to aid Liberal Arts and other college graduates, who are not certified elementary teachers but who are seeking elementary certification under the Intensive Teacher Training Program.

After careful study of the educational preparation and the teaching goal of each student, the workshop will be divided into

groups set up to meet the personal needs of the students enrolled. Emphasis will be placed upon child development and the methods and materials of elementary school teaching. Opportunities will be offered for daily observation, participation, and student teaching in the summer laboratory school.

Every effort will be made under the guidance of a competent staff of consultants, each an experienced elementary school teacher, to prepare the Liberal Arts graduate for teaching in the elementary school in September, 1953.

Registration in this workshop is open only to Liberal Arts or other college graduates who are seeking elementary school certification in the State of New York, under the provisions and requirements of the Intensive Teacher Training Program. Eight semester hours of graduate credit. See page 44.

8. ALLEGANY ART CAMP: Two uninterrupted weeks of painting in the beautiful mountains of Allegany State Park are offered this summer through the Allegany Art Camp that will be held from August 9 through the 22. This will be an opportunity to work in the out-of-doors in settings rich with painting possibilities, and to develop one's creative abilities under the guidance of Mr. Eugene Dakin and Dr. Howard Conant.

Allegany State Park abounds with materials for the artist—from mountain views of villages nestled in valleys, to minute structural details of natural objects. The Park offers inspirational material for painting in all styles from realism to abstraction; for studying design in nature, and for using nature as a source of design for a great range of purposes.

The Camp will be for students who have had at least one course in painting, or who in the judgment of the instructors have had sufficient experience with one or more media to be able to make maximum use of the two weeks time in the park setting. Art teachers, classroom teachers, undergraduate or graduate students of art education as well as of other areas of specialization, and interested non-credit adults are invited to apply.

Students would earn two points of graduate or undergraduate credit in painting, or use the Allegany State Park setting for developing a special creative project. Non-credit students will be accepted upon the recommendation of the camp instructors that the students' needs are in harmony with the objectives of the Camp program.

For the two week period, the total fee will be \$80.00 for graduate students and \$75.00 for an undergraduate or a non-credit student. This will cover cost of food, tuition, rental of camp, and miscellaneous fees.

The Allegany Art Camp will occupy a group camp consisting of twenty cabins, a large central lodge, a separate mess hall, and a shower house. All buildings are equipped with electricity. While the Camp is rustic in nature, it is comfortable. A fine swimming pool, open to Campers, is located about a mile away.

Because enrollment is limited to 50 students, those interested should make reservations as soon as possible. Communications concerning the Camp should be sent to Dr. Howard Conant, Co-Director of Allegany Art Camp, State University College for Teachers, 1300 Elmwood Avenue, Buffalo 22, N. Y. A check or money order for \$10.00 should accompany the application for reservation. This sum will be applied to the lodging and meal charge; it will be refunded if a request for cancellation is received before June 15, 1953.

Those who have attended educational camps in the past know of the spontaneous fun and social activities which always accompany camp life. One can combine the finest of art education experience with personal enjoyment of two weeks in the out-of-doors and have cherished memories of fine social activities. See page 50.

9. CONFERENCE ON ART IN THE ELEMENTARY SCHOOL: With the increasing recognition of the values of art experiences in child development, grade teachers are assuming an increasing responsibility for developing art activities in their classes. Working with art specialists, supervisors, and principals, they are evolving improved programs of cooperatively planned activities that are enriching the experiences of elementary school children.

To bring some of the best of these programs to the attention of summer session students, and to provide opportunity for discussion of issues involved, the College will offer a Conference on Art in the Elementary School, on July 16 and 17.

Demonstration teaching by outstanding teachers in the field; special movie shorts, color slides, and tape recordings taken in schools of the State; and TV presentations will be used to show as realistically and as completely as possible all the visual and activity aspects involved that words alone could not portray; and to make possible concentration of attention on some important specific in providing art experiences for children.

Instead of featuring one or two speakers, several elementary grade teachers, art teachers, and principals who have cooperatively been offering programs of rich art experiences will be invited to demonstrate or illustrate phases of their programs directly, or through the use of the several audio-visual techniques mentioned. State Education Department officials are participating in the planning of the Conference and will explain the various State Education Department resources that are available for organizing and conducting effective art programs.

The first day of the Conference will be given over primarily to presentations of the best known art programs that are being conducted. The second day will offer opportunities for classroom teachers, art specialists, administrators, and State Education Department officials, in small groups to discuss these presentations and related problems.

Treating teaching problems as directly as possible, it is anticipated that the Conference will contribute greatly to each attendant's confidence and competence in helping children derive the greatest benefits that can come from art activities in an elementary school.

10. ART RESOURCE ROOM: When this summer you need to use scissors and paste in building a paper model, need a waterproof surface for working on a clay project, need to borrow pen and India ink to do some lettering, wish to carry out a desire to carve something out of wood, or need some help in using art materials, you will again be able to go to the Art Resource Room which is set up with facilities and has student assistants available to help you with your art activity.

Whether it is something conceived as part of the work for a course, something you wish to experiment with for the improvement of your teaching, or something you would like to make for purely personal reasons, the Art Resource Room is set up to give you an opportunity to use art materials and equipment which you generally would not own, and thus enable you to carry out creative ideas.

Tried out for the first time last year, this room was open only in the afternoon, but so many wished to use it in the morning as well that this summer it will be open all day. It has been set up to make creative activity resources and information available to all faculty and students as need arises. It is equipped with easels, drawing boards, work tables, waterproof surfaces, tools, brushes, paints, scissors, paste, block printing presses, weaving looms, carving tools and other special tools and items of art equipment. Art Education seniors are available to loan equipment and help in any way they can. People may come in individually or faculty may arrange to bring in entire groups.

11. ART-IN-EDUCATION EXHIBITS: Of educational value to all students will be a specially prepared series of exhibits of school and professional art work related to other campus offerings and activities. These exhibits will illustrate the relationship of art activities to child development, social studies, home economics, industrial arts, and leisure time activities.

There will be a special exhibit of elementary school children's work which will illustrate many of the points about elementary school art that will be discussed at the Summer Session Conference on Art in the Elementary School, to be held on July 16 and 17.

12. WORKSHOP IN HOME MANAGEMENT: The three week Workshop in Home Management is being planned for July 6 through July 24 under the leadership of Miss Lois Adams, Assistant Professor of Home Economics on the college staff.

The workshop is planned for homemaking teachers who wish to improve both their understanding of home management and their teaching of it. The workshop will concern itself with the problems of the family in relation to managing the home. These

problems will be studied as they pertain to the welfare of the family members and the community interrelationships.

Consultants and speakers such as homemakers with a variety of experience, representatives of agencies working with homes, and educational leaders, will participate.

Teachers will be encouraged to work on their individual problems and materials as they see their needs for various grade levels. In order to do this teachers are urged to pre-register indicating at that time any special problems they have in the area of home management teaching.

The college has recently opened a Home Management House which will be used as a laboratory for the workshop. This house has been partially remodelled to meet the needs of teaching home management classes, has been completely redecorated and furnished. The furnishings and equipment have been selected as practical help in consumer education.

Graduate students may elect partial or complete residence insofar as facilities permit after consultation with the workshop leader. A limited number of undergraduate students will be accepted in the course as residents.

Three semester hours credit will be given for the workshop. See page 51.

13. READING CLINIC: A laboratory course in the improvement of reading abilities and the diagnosis and treatment of reading difficulties will be offered this summer by Mrs. Laura Dunklin, teacher of reading at the Buffalo Seminary.

The aims of the course are (1) to help teachers improve their teaching of reading in classroom or remedial programs, (2) to give teachers a greater understanding of the process of learning to read and the factors which influence success in learning, (3) to give teachers an opportunity to practice under guidance effective procedures in diagnosis and teaching of reading. Each student is encouraged to plan and carry out a program of study that will be most helpful to him in his professional work.

The clinic will be conducted daily in four parts: (1) 9:10 to 10:00, diagnosis and remedial instruction for pupils enrolled; (2) demonstrations by instructors of group and individual procedures for evaluating and improving reading abilities; (3) 11:00 to 12:00, lectures on the normal development of reading ability, physiological and psychological bases of learning to read, causes and prevention of reading disabilities, informal and standardized techniques for group and individual appraisal of reading needs, and classroom and clinical procedures in developmental and corrective instruction in reading and spelling; (4) 12:10 to 1:00, scoring of tests, interpretation of data, selection of materials, discussion of problems, and planning of remedial instruction.

The course grants six semester hours' credit; fees are \$60.00 for undergraduate study and \$75.00 for graduate study. Registration is limited to 15 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. Those desiring application blanks should write to Mrs. Howard Dunklin, 24 Berkley Place, Buffalo 9, New York. A place will be held open for each of the 15 students whose application is accepted by Mrs. Dunklin; successful applicants desiring to cancel their applications should notify Mrs. Dunklin promptly in order to release a place for another student.

Students attending other courses may register for the lectures without credit; visitors will be admitted only with the permission of the instructor.

A limited number of children will be registered for diagnostic and remedial treatment of reading difficulties. A fee of \$15.00 is charged each child for special supplies and instruction material. Children will be taught individually for one hour each day by an experienced teacher under the guidance of the instructor.

Anyone wishing to register his child for this clinical service should write to: Mrs. Howard Dunklin, 24 Berkley Place, Buffalo 9, New York or telephone Li. 3677 between 6 and 8 P.M. See page 47.

14. VISUAL EDUCATION: The schools of New York are now realizing that remarkable improvement in teaching can come through the proper use of audio-visual materials. As a result, many school systems are inaugurating or expanding the use of audio-visual methods in their instructional program.

To meet this growing need for teachers with advanced preparation, the college is offering a graduate workshop in audio-visual education, Education 533s. This course will be open to those who have previously taken basic courses in audio-visual education or have had some experience in teaching, coordinating or administering in this area. It will consider such problems as: financing, accounting; teacher attitude; in-service training; program coordination; administrative systems; and film libraries. See page 46.

Education 433s will be offered to undergraduates to provide them with the knowledges and skills that will lay the foundation for effective use of audio-visual materials in their teaching. It will include laboratory work in equipment operation and in the viewing of films. It will also provide opportunities for the development of effective methods of instruction in the students' area of specialization.

A special graduate course Administration and Supervision of Audio-Visual Programs is being offered in this summer session for persons wishing to prepare themselves to direct audio-visual programs in public schools. Consideration will be given to such administrative problems as administration and supervision of an audio-visual program; and inservice education of teachers; purchase, selection, storage and use of films, and other audio-visual materials and equipment items.

The college is well supplied with audio-visual equipment items of all varieties and a well-stocked library of films, filmstrips, and other aids, which make the laboratory work highly productive.

Since October 1951 the Visual Education Department and the College Television Committee have sponsored a series of daily television programs at 9:30 A.M. over station WBEN-TV. Regular members of the college faculty, their guests, students, and Campus School children take part in these telecasts. These college programs are largely experimental in nature to provide the opportunities for the faculty and students to study this new teaching medium which may bring about great changes in the practices in the schools of New York State. Individual students and workshop groups can plan for direct participation in these programs or in the evaluation of them in terms of classroom usefulness.

15. SAFETY EDUCATION: The single greatest killer among our young people between the ages of 5 and 24, the school years, is not any of the common diseases with which we are familiar such as polio, cancer, pneumonia or heart disease. It is accidents—cured only by prevention through education.

There are few people in our society today who can wield a greater influence on the safety and well-being of our youth as that which can be accomplished by the classroom teacher. To meet this challenge the teacher must adequately instruct his pupils in safe, accident-free living.

To better equip and prepare the teachers in their fight against this, the greatest single killer of our youth, the Summer Session will be enriched with a new course on Safety Education.

This course is designed especially for the teacher with emphasis placed on the knowledge, skills, attitudes and the safety consciousness to live and help others to live safely in this highly complex and mechanized world of machines, fast speeds, and tremendous power.

The areas that will be studied in the course will include the home, the school, the shop, the playground and the community, with special attention given to such problems as water safety, traffic safety, fire safety and recreational safety.

The instruction will be informal with occasional guest speakers, field trips and a sampling of audio-visual education materials. See page 46.

16. THE ACCELERATED PROGRAM: There will be an accelerated program for students enrolled in the Elementary Education Division. This program will extend from June 29 to August 21, a period of eight weeks. Students, by taking this program may reduce their four year program as much as one year, thereby completing the regular four year college course in three calendar years. Freshmen and sophomores now enrolled and who are doing highly satisfactory work may register for this program.

An entering group of freshmen will be admitted in June if twenty-five or more indicate a desire to take advantage of this opportunity.

CURRICULA

GRADUATE and UNDERGRADUATE:

Our summer session offers both graduate and undergraduate courses in eight curricula leading to the degree of Master of Science and the degree of Bachelor of Science in Education. The courses are especially designed both for teachers in service and regular session students desiring to continue their education during the summer. Each of the following curricula is planned in accordance with the certification requirements of the State Department of Education:

1. **Elementary Education**, designed for those interested in teaching in the elementary schools of the State, nursery school through grade seven, inclusive.
2. **Early Childhood Education**, a program of elementary education developed specifically for the preparation of teachers of nursery, kindergarten, and primary grades.
3. **Elementary School Principals**, a special program fitting elementary teachers for the responsibilities of elementary school administration.
4. **Elementary School Supervisors**, a special program enabling elementary teachers to qualify as supervisors in the various areas of the elementary school curriculum.
5. **Art Education**, a curriculum preparing supervisors and teachers of drawing and art in the elementary and secondary schools of the State.
6. **Education of Exceptional Children**, an extension of the elementary education program to certify teachers of handicapped in five areas, namely, orthopedic, hard of hearing, impaired vision, speech correction, and mentally retarded.
7. **Home Economics**, a curriculum offered for those interested in home making teaching in the elementary and secondary schools of the State.
8. **Industrial Arts**, a curriculum for the education of teachers of industrial arts in the elementary and secondary schools of the State.

LIBRARY FACILITIES

Accessibility of library materials, ample space for study and research, books, periodicals and other media of information chosen to meet the needs of the student, and opportunity for recreational reading are some of the essential library offerings at Buffalo. The Edward H. Butler Library is situated at the north end of the campus, midway between the classroom and dormitory units. The contemporary design in the shape of a cross affords convenient arrangement for the reading areas to the stack unit.

In the east wing is the Reference Reading Room. Alcoves on the north side house the reference and art collection, the latter especially chosen for the Art, Industrial Arts and Home Economics Divisions. In front of the great east window which offers a view of the nearby landscape is the periodical division where over 350 periodicals are arranged alphabetically by title. Directly off the Reference Reading Room is the stack area which is composed of two levels of open stacks, the second forms a balcony which overlooks the entire reading room. At the east end of the stack area are two conference rooms, one of which is equipped with a listening table where one can enjoy selected records for music appreciation and speech classes. Open and closed carrels are at the back of the stacks, on both levels, for the student or faculty member who wishes a more secluded place for study and research.

The Recreational Reading Room in the north wing is planned for informal reading. Here the fiction collection, new books, exhibits of timely interest and record players with earphones will inspire the reader looking for relaxation. In the south wing is the Reserve Book Room where students find a good study atmosphere.

The library offices, staff room, public telephones and coat room are located in the south wing.

On the second floor, over the south wing, are the seminar rooms, Laboratory Workroom where the Children's Literature Collection is located and Laboratory of Instructional Materials which no teacher can afford to miss.

Instruction in the use of the library is offered by instruction sheets, consultation with members of the library staff and upon request of the instructor.

Library hours to be announced.

LIBRARY FACILITIES IN THE CITY OF BUFFALO

The City of Buffalo offers extensive resources to the students and faculty of the college. The Erie County Library, including the Buffalo Public Library, the Grosvenor Library, the library in the Albright Art Gallery and the Buffalo Museum of Science cordially invite students and faculty to use the resources of the various libraries.

THE LABORATORY OF INSTRUCTIONAL MATERIALS

Students of the summer session are invited to visit this center of teaching materials. At the present time, the collection consists of over 2,000 story books and elementary school textbooks, over 100,000 slides, 250 records, 150 film strips, 11,000 pictures, 100 story books and costume dolls. The Phi Omicron Upsilon honorary society has made available to the Home Economics students a file of over 600 pamphlets on subjects pertaining to the field. Hours will be announced at the opening of the session.

DEMONSTRATION SCHOOL LIBRARY

The Demonstration School Library is located on the second floor of the campus school and is in charge of a trained children's librarian. The book collection consists of over 4,000 carefully selected children's books and the library subscribes to a number of magazines interesting to children. Recently sound recordings and film strips have been added to an ever-growing collection. During the regular session each grade is scheduled for instruction, in the use of the Demonstration School Library once a week and story hours are scheduled at frequent intervals.

The Library is planned to represent as nearly as possible the ideal elementary school library and students of the summer session are invited to visit this vital part of the campus school.

WORKSHOP LIBRARY

A library for the various workshops is provided with a trained librarian in charge. The book collection is chosen by the staff of teachers and the librarian to aid the student in the various areas offered in the workshops.

PREPARATION OF LABORATORY SCHOOL TEACHERS

Do you want to teach in an elementary school connected with a teachers college? The demand for such teachers in the State University Teachers Colleges is great. The salaries for these positions often exceed those in public schools, and the professional stimulation which such positions offer is very gratifying.

The Summer Demonstration School of this college offers you the opportunity to prepare yourself as a laboratory school teacher. Under the leadership of a capable faculty member, you will have a chance to participate in demonstration teaching and to help direct the activities of prospective teachers. In addition, you can learn, firsthand, the function of the laboratory school and its relation to the teacher education program.

If you are an experienced elementary teacher with a Bachelor's Degree and are interested in becoming a laboratory school teacher, write to Dr. Anthony Milanovich, Director of the Summer Demonstration School, for further information.

DEMONSTRATION SCHOOL

A complete elementary school, kindergarten through grade seven, is an integral part of our summer session program. It is staffed by Dr. Anthony Milanovich, as Director, members of our regular faculty, teachers from local and neighboring schools, and visiting teachers from out of State.

Children from this school are recruited from local and suburban schools and from students of the summer session whose children desire to attend. Students enrolled in the summer session who are interested in registering children in the Demonstration School should write to the Director for application blanks before May 15.

Opportunities for observation and participation are offered the registered students. Specialists frequently use the facilities of the school for demonstration purposes.

Teachers not registered in the summer session who wish to observe the modern methods and techniques in use in the summer session Demonstration School should write to the Director to make arrangements for such observation.

SCHOOL AND COMMUNITY CONFERENCE

THE NIAGARA FRONTIER CENTER FOR COMMUNITY STUDY (Located on the Buffalo State Campus) will sponsor on Thursday, July 23, 1953 a one day conference on the school community.

The purpose of the conference is to try to determine ways in which teachers, students, and teachers colleges can better serve the community and be better served by the community. Participants will be elementary, secondary, and college teachers, students and civic leaders. Panels, open forums and guided discussions will make it possible for all members of the college community to participate actively in the program.

EXTRA-CLASS ACTIVITIES

CONVOCATIONS: An integral and important part of the 1953 college summer session will be the six convocation programs. These events, open to the student body, faculty and guests, will bring notable platform talent in education, world affairs, literature, drama, and music. Among those who addressed the summer session last year were Dr. L. Thomas Hopkins, Professor of Education, Teachers College, Columbia University; Dr. Frances M. Wilson, Director of Educational and Vocational Guidance, Board of Education, New York; Mr. Paul Engle, in charge of the Department of Creative Writing at State University of Iowa. Students were also entertained by the Bob Wells Variety Show of radio and television fame; a violin recital by Mischa Mischa-koff, and Mr. C. J. Caudle's lecture, "Your Atomic Future."

FORUMS: A program of informal student-faculty forums has been a popular feature of previous summer sessions. Distinguished civic leaders have participated in these programs. Last year's forums discussed the following topics: "What is Happening to American Literature?", "The Presidency of the U. S.", and "Loyalty" centered around Whittaker Chamber's book 'Witness'.

CONFERENCES: In 1953 we will feature again, as we did last summer, workshops and conferences. There will be a two day conference on art in the elementary school; workshops in elementary school administration and supervision, human relations, and home management. These bring to our campus speakers who are authorities in their fields and give summer session students an opportunity to hear them.

MOVIES: Twice each week feature length motion pictures are shown, admission free, to members of the summer session in the college auditorium. These films are carefully selected for their high quality and significance to teachers. "Lost Horizon", "All This and Heaven Too", "Treasure of Sierra Madre", "Pinky", "Drums Along the Mohawk", "Snake Pit" are but a few of the excellent films shown last year.

PICNIC: A number of social events are arranged to help students and faculty to become better acquainted. Of the many such activities, the highlight of the summer session is the traditional student-faculty picnic. This is a must on everyone's calendar.

TOURS AND FIELD TRIPS: Among the tours of interest last year were visits to the General Ice Cream Corporation, the National Biscuit Company, the Niagara Frontier Tours of both American and Canadian sides, Buffalo Pottery Company, the rayon plant of E. I. duPont deNemours & Co., the Kittinger Furniture Company, the Buffalo Museum of Science, a yacht cruise around the Buffalo Harbor and a tour to Father Baker's Shrine and Basilica and the South Park Conservatory. An air-

plane flight over Buffalo and Niagara Falls, evenings at the Niagara Falls, Ontario and Amherst Summer Theaters, excursions to Chautauqua to enjoy an evening of opera and sightseeing, art exhibitions, and concerts in beautiful Delaware Park and Kleinhans Music Hall by the Buffalo Philharmonic Summer Pops Orchestra are included in the schedule of events.

RECREATION: The recreational facilities of the college will be available to all students under competent direction. The swimming pool will be open daily from 2:00 to 4:00 p.m. Golf, tennis, canoeing, riding, etc. may be arranged in advance for a nominal fee. The activity and game rooms as well as the other facilities of the Student Union are also available to all students.

The college newspaper, THE RECORD, will be published weekly to keep students informed of activities on campus.

IMPORTANT NOTICES

1. **CONSULT THE CALENDAR** on page 2 for outline of the complete summer program.
2. **REGISTRATION IS ON JUNE 29.** Accelerated students, graduate students, and all veterans register in the forenoon. Six weeks undergraduate students register in the afternoon.
3. **ADMISSION TO THE GRADUATE DIVISION:** Applications for admission to the Graduate Division, in any field of study, should be made in advance preferably before June 15. Write to the Director of the Graduate Division for necessary application forms. Those who have been previously admitted need not apply for registration.
4. **UNDERGRADUATE REGISTRATION:** No formal application to register for undergraduate classes is required. In-service teachers need only appear on registration day. Students from other colleges should get their program approved in advance by their Deans before registering. Regular session students of this college must get, in advance of registration, a permit from the Dean of the College. No undergraduates of the six-weeks session will be registered before Monday afternoon, June 29.
5. **VETERANS:** All veterans who are claiming benefits under the G. I. Bill must not fail to report to Room V106 Vocational Building, Monday, June 29. Representatives of the Veterans Administration will be present.
6. **CONVOICATIONS:** Ten o'clock each Thursday is reserved for college convocations. Effort is made to obtain outstanding talent for each meeting. All students and faculty are urged to attend.
7. **RECREATIONAL AND SOCIAL ACTIVITIES** are provided and all are urged to participate. Opportunity for making your wishes known to the directors is provided.
8. **TEXTBOOKS AND SUPPLIES** essential to your summer session work may be purchased in the College Co-op in the College Union. The College Co-op prides itself with being one of the bright spots of the campus and being stocked with all the student needs.
9. **MEALS:** Students may get their meals in the College cafeterias or in the Snack Bars. Convenient hours will be maintained and moderate prices charged.
10. **ROOMS:** Students desiring to room in the residence halls should engage their rooms in advance by writing to the Dean of Students. All student residences must be approved by the Dean of Students' Office.

11. **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 or 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.
12. **LOCKERS:** Those wishing lockers should watch the Summer Session Record and Bulletin Board for special announcement at the opening of summer session.
13. **SWIMMING:** The pool will open from 2 P.M. to 4 P.M. daily for those who wish to swim. Watch the Summer Session Record for a complete pool schedule.
14. **PICNIC:** The third Wednesday, at 3:30 P.M., is the traditional date for our summer session picnic. Students and faculty play games, eat and chat together at this time. Reserve the date and watch for further announcements.
15. **SIGHT-SEEING, EXCURSIONS, AND FIELD TRIPS** are a regular part of our summer session activities. Mr. Wincenc makes plans for all who wish to see the interesting and significant spots of Buffalo and the Niagara Frontier.
16. **LIBRARY HOURS** will be announced on the day of Registration.
17. **CHECKS:** In payment of fees, should be made out to State University College for Teachers, Buffalo.
18. **FOR OFF-CAMPUS HOUSING,** write to Dean of Students, State University College for Teachers, Buffalo 22, N. Y.

GRADUATE DIVISION

On October 19, 1945 the Board of Regents approved the establishment of graduate courses at The State University of New York, State College for Teachers at Buffalo, leading to the degree of Master of Science. These courses, offered during the Summer Session and in Extension classes only, were designed to meet the needs of elementary teachers who are desirous of enhancing their academic qualifications and their professional proficiency and those who are interested in becoming elementary school principals and supervisors. In September 1947, the Graduate program was extended to include courses in the four special Divisions of Home Economics, Industrial Arts, Art Education and Education for Teachers of Exceptional Children.

1. Objectives and nature of graduate work:

A. To continue preparation in elementary education or in the fields of special education for the purpose of extending and supplementing professional knowledge and skills.

B. To offer an opportunity to study another form of educational service in preparation for changing to other types of service—e.g., from classroom teaching to administrative 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 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 Science degree may be completed by attendance at five Summer Sessions. This time may be shortened by registration in the Extension Department classes.

3. Admission requirements:

A. Students must hold an approved Bachelor's Degree and be eligible to teach in the elementary field or in the field of specialization.

An approved Bachelor's Degree is a degree from a teachers college accredited by the American Association of Colleges of Teacher Education; or 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.

Students holding a Bachelor's Degree from institutions not in the above mentioned approved or accredited 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.

B. Elementary teachers, certified in states other than New

York, may enter the Graduate Division of State University of New York, College for Teachers at Buffalo. However, completion of the Master's requirements does not guarantee New York certification. Such teachers should secure evaluation of credits and a statement of additional work necessary for New York certification from the Certification Division of the State Education Department in Albany, N. Y. In such a case graduate work will be planned, as far as possible, to earn New York certification while requirements for the Master's degree are being met.

C. All students must have demonstrated ability to do graduate work as measured by:

a. Undergraduate scholastic average of 2.3 or higher, except in those cases where extenuating circumstances indicate justifiable modification. In cases where it seems advisable to make exception to the undergraduate scholarship requirement, applicants will be granted tentative admission until they have proved their fitness for admission to full graduate standing by meeting certain special requirements prescribed by the Graduate Council or the Director of the Graduate Division.

b. An acceptable teaching record as determined by a confidential statement from the applicant's Superintendent or Principal.

c. Evidence from persons able to judge the applicant's fitness for admission to undertake graduate study.

d. Other evaluation measures as may be prescribed by the Graduate Council.

4. Application for admission to Graduate Division:

A. Secure admission blank from the office of the Director of the Graduate Division, which blank will outline fully the procedure to be followed.

B. Make every effort to have application blank and all other data required in the hands of the Director of the Graduate Division before September 1st, if you wish to enter the Graduate Division the first semester; by January 1st, if you wish to enter the second semester; and by May 1st, for the 1953 Summer Session.

C. If you do not hold your Bachelor's degree from State University College for Teachers at Buffalo, write to the college which granted your degree, and ask that an official transcript be mailed to the Director of Graduate Division, State University College for Teachers, 1300 Elmwood Avenue, Buffalo 22, N. Y.

5. Standards for a graduate degree:

A. The quantitative requirement for the Master of Science degree shall be the completion of thirty-two semester hours of graduate study.

B. Residence requirements: "A candidate for the degree of Master of Science may offer, for credit, not more than twelve semester hours in approved non-residence courses if he is a graduate of the college at which he is a candidate. He may offer not more than eight semester hours of non-residence courses if he is a graduate of another college. In all cases, however, such graduate

study must be similar in scope and conduct to courses offered by the teachers college, and must form a coherent part of the total program of preparation to be completed by the student. A course shall be considered as satisfying the requirements for residence when it is offered on the campus of the State Teachers College, or within the territorial limits of the village or city in which the college is located. A course offered by the college at a camp operated by the college or at a branch established by the college may be accepted as a course in residence.

C. 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 Science degree. This period of time may be shortened by attendance in the classes of the Extension department.

D. No graduate student, in any New York State College for Teachers, who is a full time teacher, will be permitted to carry an extension program in excess of four credits per semester or eight credits per college year. This maximum of four hours per semester includes all work whether taken in afternoon, evening, or Saturday sessions at State or elsewhere. Registration above this maximum will result in loss of credit in excess of four 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 two weeks' work he may receive a maximum of two (2) credits; for six weeks' work, six (6) credits; for eight weeks' work, eight (8) credits.

E. Credit will not be given for courses completed in another college or university more than seven years prior to registration in the Graduate Division of The State University of New York, State College for Teachers at Buffalo. A candidate for the Master's Degree shall satisfy all the prescribed requirements for said degree within six years from the date of admission to candidacy.

6. Admission to Candidacy:

The filing of an application for the admission to candidacy for the Master's degree is the personal responsibility of each graduate student.

Application for admission to candidacy may be made after completion of six hours in graduate courses, and must be made at the completion of twelve hours of graduate study.

Requirements for admission to candidacy are as follows:

A. A cumulative average of "B" in courses presented for graduate credit.

B. No work of "D" grade will be accepted.

C. A recommendation from the adviser of the candidate, the director of the division, or (in the case of Education Elementary students) the Director of the Graduate Division.

D. A comprehensive written examination may be required by the Graduate Council upon the recommendation of the student's adviser or director of the division in which application is made.

7. Special students who do not intend to apply for admission to candidacy may register for courses in the Graduate Division. However, these (non-matriculating) special students are limited to a total of twelve (12) hours of graduate credit.

8. Registration Fees:

Registration for Graduate Division classes in Summer Session will be held June 29. Please report first to the Auditorium at 9:00 A.M. for Assembly and further instructions. Graduate Division fees are \$12.50 per credit hour.

9. 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. It has been planned so that interested college graduates may register in the Graduate Division for certain specified Saturday Extension courses and Summer Sessions. Satisfactory completion of prescribed courses in a Summer Session will entitle the college graduate to a renewable certificate valid for one year. Additional renewals will be granted upon evidence of continued summer session study and satisfactory teaching, upon the request of the employing school official.

If the student wishes to complete the requirements for the Master of Science Degree, 8 hours of graduate study, elected under the guidance of the Graduate Division 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.

The following is the curriculum for Certification of Liberal Arts Graduates:

Intermediate and Upper Grade Group

| | |
|---|---------------|
| Workshop in Elementary Education (Summer Session only) | 6-8 Sem. Hrs. |
| Seminar in Elementary School Problems (Emphasis on Science, Mathematics and Language Arts) | 3 Sem. Hrs. |
| Music and Art in Elementary Education | 3 Sem. Hrs. |
| Workshop in Child Development (Summer Session only) | 6 Sem. Hrs. |
| Problems in Elementary School Curriculum | 3 Sem. Hrs. |
| Seminar in Elementary Education | 3 Sem. Hrs. |
| Electives | 6 Sem. Hrs. |

Kindergarten-Primary Group

| | |
|--|---------------|
| Workshop in Elementary Education (Summer Session only) | 6-8 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. |
| Music and Art in Elementary Education | 3 Sem. Hrs. |
| Workshop in Child Development (Summer Session only) | 6 Sem. Hrs. |
| Electives | 6 Sem. Hrs. |

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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. |
| 6 Semester Hours—English and/or Social Studies. |
| 6 Semester Hours—Academic electives. |
| *2-6 Semester Hours—Research course, project, or Master's thesis. |
| 5-9 Semester Hours—Unrestricted electives. (Maximum of 16 hours in education courses, including research course, project, or thesis.) |

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(B) For the elementary principal or supervisor.**

| |
|---|
| 6 Semester Hours—Workshop in Elementary Education. |
| 3 Semester Hours—Elementary Administration. |
| 3 Semester Hours—Supervision. |
| 6 Semester Hours—English and/or Social Studies. |
| 2-4 Semester Hours—Academic electives. |
| *2-6 Semester Hours—Research course, project, or Master's thesis. |
| 4-10 Semester Hours—Unrestricted electives. |

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Total credit requirements: 32 semester hours.

* Each candidate, after conference with his or her adviser, may select one of the following requirements: (1) A course in research techniques and interpretation of research materials, 2 hours credit; (2) a project in the field of Elementary Education, 4 hours credit; or (3) a Master's thesis, 6 hours credit.

** Program as outlined is adequate to meet elementary principals provisional certificate but those desiring to qualify for elementary supervisory certificate should complete a minimum of 6 hours in supervision courses using unrestricted electives for the additional 3 hours credit.

(2) HOME ECONOMICS EDUCATION

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

Each candidate, after conference with her adviser, may select one of the following requirements: (1) A course in research techniques and interpretation of research materials, 2 hours credit; (2) a project in the field of Home Economics, 4 hours credit; or (3) a Master's thesis, 6 hours credit. Credit may be applied to Group I or Group II, or may be divided between these two groups, depending upon the nature of the work done.

Total requirements: 32 semester hours.

(3) INDUSTRIAL ARTS EDUCATION

1. **Advanced Technical Courses** 12 Hours maximum
 - a. Specialization in Shop Laboratory 2-4 Sem. Hrs.
 - b. Workshop in Industrial Arts Education 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. Research techniques, project, or Master's thesis 2-6 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 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
 - a. 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.

* Each candidate, after conference with his adviser, may select one of the following requirements: (1) A course in research techniques and interpretation of research materials, 2 hours credit; (2) a project in the field of Industrial Arts Education, 4 hours credit; or (3) a Master's thesis, 6 hours credit.

(4) ART EDUCATION

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. Graduate Studio in Photography 3 Sem. Hrs.
 - Art 512. Graduate Studio in Sculpture 3 Sem. Hrs.
 - Art 526. Special Study 2-4 Sem. Hrs.
 - *Ed. 575. Research Techniques (2 hrs.), Art 550 Project (4 hrs.) or Art 525 Master's thesis (6 hrs.) 2-6 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 in Human Affairs 2 Sem. Hrs.
 - *Art 505. Seminar in Art Education 3 Sem. Hrs.
 - Art 526. Special Study 2-4 Sem. Hrs.
 - *Ed. 575. Research Techniques (2 hrs.), Art 550 Project (4 hrs.) or Art 525 Master's thesis (6 hrs.) 2-6 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, Social Studies, Science and Mathematics, by advisement.

* Required courses. Each candidate, after conference with his adviser, may select one of the following requirements: (1) Ed. 575, a course in research techniques and interpretation of research materials, 2 hours credit; (2) Art 550, a project in the field of Art Education, 4 hours credit; or (3) Art 525, a Master's thesis, 6 hours credit.

Total requirements: 32 semester hours.

(5) EDUCATION FOR EXCEPTIONAL CHILDREN

- A. **Education of Mentally Retarded Children:**
 - Ed.Ex. 501. Workshop in Education of Mentally Retarded Children 6 Sem. Hrs.
 - Ed.Ex. 511. Seminar in Education of Mentally Retarded Children 2 Sem. Hrs.
 - Ed.Ex. 521. Guidance of Mentally Retarded Children 2 Sem. Hrs.
 - *Ed.Ex. 541. Psychology of Exceptional Children 2 Sem. Hrs.
 - **Ed. 575. Research Techniques (2 hrs.), Ed. Ex. 525 550 Project (4 hrs) or Ed. Ex. 525 Master's thesis (6 hrs.) 2-6 Sem. Hrs.
 - English and/or Social Studies as required by Graduate Division 6 Sem. Hrs.
 - Academic elective as prescribed by the Graduate Division 6 Sem. Hrs.
 - Unrestricted electives 2-6 Sem. Hrs.

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- B. **Education of Orthopedically Handicapped Children:**
 - Ed.Ex. 502. Workshop in Education of Orthopedically Handicapped Children 6 Sem. Hrs.
 - Ed.Ex. 512. Seminar in Education of Orthopedically Handicapped Children 2 Sem. Hrs.
 - Ed.Ex. 522. Guidance of the Orthopedically Handicapped 2 Sem. Hrs.
 - *Ed.Ex. 541. Psychology of Exceptional Children 2 Sem. Hrs.
 - **Ed. 575. Research Techniques (2 hrs.), Ed. Ex. 525 550 Project (4 hrs), or Ed. Ex. 525 Master's thesis (6 hrs.) 2-6 Sem. Hrs.
 - English and/or Social Studies as required by Graduate Division 6 Sem. Hrs.
 - Academic electives as prescribed by the Graduate Division 6 Sem. Hrs.
 - Unrestricted electives 2-6 Sem. Hrs.

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- C. **Education in Speech Correction:**
 - Ed.Ex. 503. Clinical Procedures in Speech Correction 3 Sem. Hrs.
 - Ed.Ex. 513. Seminar in Speech Science 3 Sem. Hrs.
 - Ed.Ex. 524. Introduction to Audiology 2 Sem. Hrs.
 - Ed.Ex. 533. Seminar in Speech Pathology 2 Sem. Hrs.
 - Ed.Ex. 535. Mental Measurement 2 Sem. Hrs.
 - *Ed.Ex. 541. Psychology of Exceptional Children 2 Sem. Hrs.
 - **Ed. 575. Research Techniques (2 hrs.), Ed. Ex. 525 550 Project (4 hrs) or Ed. Ex. 525 Master's thesis (6 hrs.) 2-6 Sem. Hrs.
 - English and/or Social Studies as required by Graduate Division 6 Sem. Hrs.
 - Academic elective as prescribed by the Graduate Division 6 Sem. Hrs.
 - Free electives 2-4 Sem. Hrs.

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* Note: Ed.Ex. 541—This course is required by the State Education Department for certification to teach exceptional children. Students who have received certification prior to entrance upon graduate study, will not be required to take Ed.Ex. 541.

** Each candidates after conference with his adviser, may select one of the following requirements: (1) Ed. 575, a course in research techniques and interpretation of research materials, 2 hours credit; (2) Ed.Ex. 550, a project in some field of Education for Exceptional Children, 4 hours credit; or (3) Ed.Ex. 525 a Master's thesis, 6 hours credit. Total requirements: 32 semester hours.

- 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 Director of the Division of Education of Exceptional Children, State University College for Teachers, Buffalo 22, N. Y., for further information.

(6) INTENSIVE TEACHER TRAINING PROGRAM.

See No. 9, page 39 for curriculum.

DESCRIPTION OF GRADUATE COURSES

I. Elementary Education

1. EDUCATION

Ed. 500s. Workshop in Elementary Education. Participants in the Workshop are encouraged to work on individual problems which have been encountered in actual practice. Through individual counseling 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 Science in Education. The enrollment is limited. 8:30 to 3:30 daily. Six semester hours credit. See pages 21. *Bradley, Garten, O'Brien, Conant, Webster.*

Ed. 500As. Workshop in Elementary Education (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. Eight semester hours credit. See page 21. *Gover, Boyd, Conant, Duly, Shockley, Breckon.*

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. *Steel.*

Ed. 504s. Administration of the Elementary School. New York State educational system; legal aspects of school administration; nature and functions of school boards; educational finance in New York State; business duties of the principal; the principal as purchasing agent; management of extra-classroom activity funds; identification of the speech, vision, hearing and pre-delinquent deviates; youth programs; teacher selection, employment, assignment, tenure and dismissal; building management; pupil transportation; pupil accounting. Ed. 504 may precede or follow Ed. 503. Open to principals, supervisors and experienced teachers. Eight class hours per week. Three semester hours credit. *Kumpt.*

Ed. 506s. Philosophy of Education. An attempt is made to guide the student to study critically certain principles 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. *Sloan.*

Ed. 511s. Music and Art in Elementary Education. Activities and experiments in various art materials suitable for elementary grades with emphasis on new processes and procedures. Also designed to meet the classroom teacher's need in the field of music. Ten class hours per week. Three semester hours credit. *Boyd, Jiskra.*

Ed. 512s. Seminar in Child Development. (For Intensive Teacher Training Program Only) Study of the growth and development of children with particular reference to the elementary school years. Consideration of needs of 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. Six semester hours credit. *Penn.*

Ed. 515s. Seminar in Early Childhood Education. Study will center around the implications of child psychology for curriculum development for children from four to six years, three to eight years. The course will provide for discussion, observation, and evaluation of teaching techniques and procedures, as well as materials and equipment. Attention is given to child-parent-community relationships, the significance of play in learning, the role of the teacher as a guidance person, and the place of kindergarten in the elementary school. Opportunity to work on individual curriculum problems will be provided. Eight class hours per week. Three semester hours credit. *Jamison.*

Ed. 516s. Methods and Materials in the Elementary School. A survey of recent trends in the broad fields of the elementary school. It will consist of an overview of elementary education and curriculum organization including detailed studies of language arts, social studies, numbers, science, and evaluation. Sample units and materials will be displayed and studied. Open to graduates and undergraduates. Eight class hours per week. Three semester hours credit. *Sugarman.*

Ed. 519s. Applied Mental Hygiene. The study of the principles of mental hygiene and their application to personality development, emotional and social adjustment, and human relationships. Emphasis is placed on the application of the principles of mental hygiene to the processes of teaching and learning, classroom management, and the conduct of the lay and professional relationships of the teacher. Eight class hours per week. Three semester hours credit. *Baron.*

Ed. 520s. Workshop in Elementary School Administration and Supervision. Participants work during the 10-day period, June 29 to July 10, under seminar leaders selected from the ranks of outstanding principals and supervisors. This year the emphasis of the workshop will be on how teachers and administrators can work together to improve the school program. Some areas of study suggested by cooperating administrators are: the selection, induction, and guidance of new teachers; the development of instructional materials; the guidance of pupil behavior and relief of current tensions in school and family life. Nationally recognized educators are brought to the workshop as consultants. Each student is encouraged to define and to study problems of his own particular concern. The enrollment is open to principals, supervisors, and to teachers preparing for certification as elementary school principals and supervisors. 10:00 to 12:15 and 1:30 to 3:30 daily. Two semester hours credit. *Sherrie and Staff.* See page 19.

Ed. 522s. Psychology of the Pre-School Child. The important phases of development from infancy through the pre-school and early school years. The motor, language, social, emotional and intellectual development of the growing child is considered in relation to his physical, social and cultural environment. Emphasis is placed upon experimental findings in relation to these topics. Consideration is given to problems in behavior and to methods of guidance. Observation of children will be scheduled. Eight class hours per week. Three semester hours credit. *Jamison.*

Ed. 523s. Principles and Practices of Guidance. This is a basic course designed for teachers, guidance directors and counselors. An attempt is made to guide students to understand existing principles and to formulate new principles as bases for guidance practices. Basic guidance services, and techniques are studied in terms of possible use in a public school system. Eight class hours per week. Three semester hours credit. *Klopf.*

Ed. 531s. Supervision of Teaching. Principles applicable to classroom supervision. Methods of visiting and observing in classrooms. Analysis of devices for evaluating teachers and teaching. Supervisory analysis of observed teaching-learning situations. Significance of teacher-pupil relations. Kinds and significance of teaching purposes. Primacy of the teachers' purposes and their influence on choice of subject matter and procedures. Developing and applying principles of teaching and learning to observed classroom situations. Contributions of research,

of methodology and selection of teaching materials. Group and individual conferences with the supervisor for improvement of teaching. Induction of new teachers. Use of intervisitation, demonstration teaching, supervisory bulletins, workshops, etc., for teaching improvement. Eight class hours per week. Three semester hours credit. *Kumpf*.

Ed. 533s. Workshop in Audio-Visual Education. A course related to the problems of organizing and operating a visual education program in the public schools. The psychological justifications 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 cooperative 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. Ten class hours per week. Three semester hours credit. *Smay*. See page 26.

Ed. 534s. Administration and Supervision of Audio-Visual Programs. This is a specialized course for persons wishing to prepare themselves to direct or coordinate audio-visual programs in schools, school systems, or institutions of higher learning. The basic aim of the course is to help the student develop a workable set of principles to guide him in administering and supervising programs of audio-visual education. Consideration is given to problems of administration, supervision, in-service training, purchase, selection, circulation, storage, research, reports, and public relations. Eight class hours per week. Three semester hours credit. *Truesdale*. See page 26.

Ed. 566s. Safety Education. A course designed to equip the teacher with a better background to do the most effective job possible of teaching people how to live safely. A study will be made of the areas that are responsible for the most accidents. These areas include the home, the school, the shop, the playground and the community. Special attention will also be given to such problems as water safety, traffic safety, fire safety and recreational safety. A portion of the course will be devoted to the study of the materials available and methods of teaching safety in the elementary and secondary schools, as well as the integration and correlation of safety education in the school curriculum. Open to undergraduates. See page 27. Eight class hours per week. Three semester hours credit. *Meyer*.

Ed. 567s. Driver Education. Course designed to meet the certifying requirements necessary to instruct in Driver Education as recommended by the State of New York. Behind the wheel training, classroom work and experience with psychophysical testing equipment will be given. Among areas explored in the classroom are motor vehicle laws, traffic engineering, insurance, accident statistics, accident prevention, automobile maintenance and the problems in administering a high school driver education course.

Students enrolling in this course must have met, or intend to meet, certifying requirements to teach on the secondary school level. Students must have had a valid driver's license for at least two years and a New York State driver's license for at least 60 days. Open to graduate and undergraduate students. Graduate credit students will participate in a special graduate project. Four class hours and six driving hours per week. Special fee—\$4.00. Three semester hours credit. *Meyer*.

Ed. 575s. Research Methods and Techniques. This course will be developed largely around the needs of the students in developing an understanding of the different methods and types of research in studying educational problems; reviewing the research literature on problems for study; using bibliographical resources pertinent to a problem; collecting, handling, and interpreting evidence; constructing tables, graphs and charts; using and understanding statistical terminology to be able to read educational literature intelligently. Required of all graduate students not writing a project or a thesis. Eight class hours per week. Three semester hours credit. *Hertzberg*.

Ed. 540s. International Education—1 seminar—International Education, 1 seminar—International Relations. Complete description p. 18. Graduate or undergraduate credit—2, 4, 6, or 8 semester hours. *Neuthardt*

Ed. 585s. Reading Clinic. Clinic hours 9:10-1:00. The major objectives of this course are (1) to help teachers understand better how they can make their teaching of reading more effective (2) to prepare teachers for carrying on Remedial Reading programs.

Lectures will deal with effective teaching procedures for the development of competence in comprehension, facility, word recognition, and spelling; identification of reading needs; remedial instruction for specific problems; causes and types of reading problems and maladjustments related to reading disability and ways of dealing with them.

Laboratory. Each student will make a diagnosis of one child's reading disability and give needed instruction. 9:00-10:00 Diagnosis and instruction of pupils. 10:00-12:00 Lectures and demonstrations by the instructor. 12:00-1:00 Interpretation of pupil needs and planning of remedial instruction. Open to undergraduates. Six semester hours credit. *Dunklin*. See page 25.

Ed. 590s. The Preparation of Laboratory School Teachers. A course for the preparation of laboratory school teachers in colleges preparing elementary teachers, consisting of practical experience, discussions, lectures, reading and a prepared paper. Each student will have practical experience in the summer demonstration school in demonstration teaching, conducting conferences with students, directing the instructional planning of novice teachers, relating student teaching to other college experiences, evaluating student strengths and needs, and in meeting the responsibilities of the laboratory school teacher. The practical experience is secured as an assistant to one or more laboratory school teachers. Prerequisite: Education 500 or consent of instructor. Six semester hours credit. *Milanovich*. See page 30.

Art 511s. Art in the Elementary Curriculum. (See course description under II. Art Education, page 50.) This course is open to non-art students. *Jiskra*.

2. ENGLISH

Eng. 516s. Studytour of Western Europe. To be offered in connection with Friendship Studytour of Western Europe. Those taking this tour may earn graduate or undergraduate credit by meeting special requirements, such as writing reports on certain aspects of the studytour. Eight semester hours undergraduate or eight graduate credit. *Gronewold*. See page 17.

Eng. 519s. Literature and the World Today. A reading and analysis of current ideas as expressed through novels, plays, and critical reports. The contribution of the magazine, newspaper, and motion picture to the world's view of America will also be considered. The emphasis will be on modern writing as expressing a social, economic, and philosophic view of our world, rather than on literature as form. Outside reading will be assigned according to student's interest and will be the basis of reports, discussions, and panel presentations. Eight class hours per week. Three semester hours credit. *Greenwood*.

Eng. 522s. Studies in Modern American Poetry. A study of significant trends and personalities in American poetry since 1912. A careful study of the work of two poets to be chosen from the following: Stephen Vincent Benet, T. S. Eliot, Robert Frost, Edna St. Vincent Millay, E. A. Robinson, Carl Sandburg. Eight class hours per week. Three semester hours credit. *Drew*.

Eng. 523s. Shakespearean Comedy. A reading and analysis of Shakespeare's principal comedies from *Love's Labour's Lost* to *The Tempest*. Backgrounds of Elizabethan comedy; Shakespeare's early and experimental work; later mature achievements with the comic idea in farce, high comedy, bitter comedy, drama and idealistic romance. Topics for discussion include such as the following: structure of the comic plots, character in the comedies, interfusion of humor and pathos, philosophic overtones. Eight class hours per week. Three semester hours credit. *Bradford*.

3. GEOGRAPHY

Geo. 500s. Geography of Eastern Asia. A regional study of the eastern part of Asia, including China, Japan, the East Indies, the Indo-China Peninsula, and eastern U.S.R.R. A survey of the physical background of each region is followed by a study of the past and present economic adjustments of the people to the environment. Prerequisite: Six hours in geography courses. Eight class hours per week. Three semester hours credit. *Whittemore.*

4. MATHEMATICS

Math. 500s. Mathematics of the Elementary School. The course attempts to establish the concepts, meanings, and understanding of the mathematics of the elementary school. It deals with the significance, applications, and uses of this mathematics. Opportunity is given for student growth in analysis and problem solving. Provision is made for questioning and conferences to suit student needs. Concentration of student effort on a particular level of the elementary school may be possible. This course may also be taken for undergraduate credit. Eight class hours per week. Three semester hours credit. *Rodney.*

5. MUSIC

Mus. 500s. Music in Education. A survey of materials and practices in present day public school Music Education. Discussion of the contributions of the various composers throughout history to our culture; their works and application to public school music. Listening to records, observation in the Demonstration School, a study and an exchange of ideas relative to assembly programs. Ten class hours per week. Three semester hours credit. *Boyd.*

6. 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 professional review of subject matter with demonstrations, experiments, motion pictures, as well as 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 including laboratory. Three semester hours credit. *Voltz.*

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. *Sengbusch.*

7. SOCIAL STUDIES

S.S. 501As. Studies in Twentieth Century European History. The German Problem. After a survey of political thought and institutions and the forces of political conservatism in Germany prior to 1914, the rise and development of the Weimar Republic is discussed. Other subjects studied are: the Hitler movement and its acquisition of power; the transformation of the Republic into a totalitarian state; the structure and ideology of the Nazi Party and state; the dynamics of its foreign policy leading to World War II; Nazi rule and defeat in Europe; and analysis of the post-war German question in both its domestic and international aspects. This course may be taken by students who have had S.S. 501. Prerequisites: 15 hours in Social Studies, including nine in European History. Eight class hours per week. Three semester hours credit. *Mason.*

S.S. 508s. Field Course in Mexican Culture. A field trip to Mexico August 8-22, 1953. The course will emphasize those historical, geographic and cultural aspects of Central Mexico which furnish appropriate background for an

appreciation and understanding of Mexican life. The class will visit Mexico City and environs, Cuernavaca, Taxco, Puebla, and Fortin. Open to graduate and upperclass undergraduate students. Three semester hours credit. *Peterson.* See page 17.

S.S. 509s. Local History: Research Methods and Techniques. Development of an understanding of the different methods and types of research involved in the study and presentation of local history; use of community facilities in the study of local history; discovery and examination of original materials and the presentation of a scholarly paper based on them. The history of the Niagara Frontier, with some reference to New York State, forms the core around which research and field projects are built. Prerequisites: 15 hours in Social Studies, including six in American history. Eight class hours per week. Three semester hours credit. *Rapp.*

S.S. 512s. The United States in Contemporary World Affairs. Discussion of the part being played by the United States in world problems, with study of economic and political background in each case. The course will include United States foreign policy, United States and the United Nations, Atlantic and Pacific commitments, and such internal problems as defense production, inflation, and taxation. Open to all graduate students with consent of the instructor. Eight class hours per week. Three semester hours credit. *Albright.*

S.S. 514s. Workshop in Human Relations. This workshop will explore the ways in which teachers, counsellors, social workers, labor leaders, personnel administrators, parents, clergy and others whose work is of a personnel nature can help build more productive human relations in their areas of endeavor. It is hoped that part of the value of the Workshop will consist of the experience of living together on the campus for the two-week period. Lectures, group discussions, films, readings and recordings and extensive library facilities will be arranged for the workshop participants. Wellknown national leaders will serve as consultants. Two semester hours credit. *Burrell, Director, Klopf and Weaver Consultants.* See page 20.

II. Art Education

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. Eight class hours per week. Three semester hours credit. *Czurles.*

Art 506s. Seminar in History of Art—Contemporary Movements in Art. Study of the development and character of contemporary trends in the arts of painting, sculpture, graphic arts, architecture; industrial and commercial art, and crafts. Understanding of similar trends in the other art fields of music, drama, literature, etc. Lectures, readings, experiments and demonstrations with materials and techniques; visits to galleries, studios; plays and other art presentations. Eight class hours per week. Three semester hours credit. *Conant.*

***Art. 508s. Graduate Studio in Design and Spatial Organization.** Opportunity for individualized work in designing with paint and materials. Specialization may be in commercial designing of textiles, wall paper, etc.; lay-out for publications; home planning and furnishing; stage design, industrial design; or other functional or decorative art. Twelve class hours a week for three semester hours credit. Eight class hours per week for two semester hours credit. *Dakin.*

*Open to undergraduates by permission of instructor.

*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 knowledge 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 woodcarving, wood sculpture, plastics, jewelry, clay and metal work. Twelve class hours a week for three semester hours credit. Eight class hours per week for two semester hours credit. *Winebrenner*.

*Art 510s **Graduate Studio in Photography.** Specialization or spread of experience with photographic processes to be determined for each individual according to his background and needs. Opportunity to work on problems of black-and-white, or color photography, as applied to year-book layout, commercial art, the making of teaching aids, and as an art expression. Twelve class hours per week for three semester hours credit. Eight class hours per week for two semester hours credit. *Truesdale*.

Art 511s. **Art in the Elementary Curriculum.** Especially planned for elementary teachers. Activities and experiments with various art materials, processes, and procedures to consider their application in attaining objectives of elementary education. Organized as a graduate laboratory workshop with opportunity for grade and other teachers to increase their own abilities at expression and creativeness with simple art materials, and to understand their use in developing creative and expressive activities of children. Ten class hours per week. Three semester hours credit. *Jiskra*.

Art 512s. **Studio in Sculpture.** Opportunity for creative experience through sculpture according to individual backgrounds and interests. Theory, processes, and expression using choice of media such as wood, stone, plaster, cement block, metal, leading to understanding of sculpture as a means of individual and group expression, and its place in an educational program. Open to art and non-art students. Twelve class hours per week for three semester hours credit. Eight class hours per week for two semester hours credit. *Dakin*.

Art 520s. **Allegany Art Camp—Painting.** A two-week post summer session camp to provide opportunity for the use of nature as a source of design and painting, and to study design in nature. Prerequisite: at least one course in painting or evidence of advanced development in painting or design. Open to undergraduates by permission of instructor. Two semester hours credit. *Conant and Dakin*. See page 22.

III. Education of Exceptional Children

Ed. Ex. 541s. **Seminar in the Psychology of Exceptional Children.** A discussion of incidence, definition, etiology, and characteristics of atypical children including the gifted, the mentally handicapped, the neurologically impaired, the orthopedically handicapped, the lowered vitality, cardiopathic and chronic medical cases, the emotionally disturbed and socially maladjusted, the speech impaired, the deaf and hard of hearing, the blind and partially seeing. Present practices in education, problems in adjustment and employment, legislation, community resources for habilitation and public relations. Five class hours per week. Two semester hours credit. *Thiel*.

IV. Home Economics Education

H. Ec. 500s. **Seminar in Home Economics Education.** Survey and evaluation of recent research and problems in the field of Home Economics Education. Study will center around special problems selected by individual students from the area of Home Economics Education. Eight class hours per week. Three semester hours credit. *Grant*.

* Open to undergraduates by permission of instructor.

H. Ec. 503s. **Family Relationships.** A study of the family viewed longitudinally with emphasis on the developmental tasks of family members at each stage of the family life cycle. The research on marriage success and family crises will be considered. A functional course in which the student will be expected to examine her attitudes, values and standards regarding family living. Eight class hours per week. Three semester hours credit. *Stewart*.

H. Ec. 519s. **Workshop in Home Management.** Planned for teachers of homemaking to consider problems of the family in relation to the management of the home. Speakers and consultants. Registrants will be encouraged to work on their problems and materials for use at various grade levels. Home management house will serve as a laboratory. Complete or partial residence may be selected by graduate students in consultation with the workshop leader. Pre-registration blanks are available. Open to undergraduates with permission of the instructor. Three semester hours credit. *Adams*. See page 24.

V. Industrial Arts

I.A. 506s. **Supervision of Industrial Arts Education.** A course dealing with supervisory duties in the field of industrial arts. Consideration of problems involved in planning work on elementary, junior high school, and senior high school levels. Supervision of adult education programs. Problems involved in supervision of programs for cooperative education. State requirements for certification in administration and supervisory response. Methods of treating problems of personnel and public relations. Eight class hours per week. Three semester hours. *Russell*.

I.A. 511s. **Seminar in Industrial Cooperative Education.** Development in cooperative education in New York State. Factors involved in initiating programs in cooperative education. The place of surveys in determining needs of the community. Special qualifications of teachers. State and Federal aid in cooperative programs. The development of training outlines. Schedules and credits. Evaluations. Related subject matter in cooperative courses. Eight class hours per week. Three semester hours credit. *Russell*.

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 instruction with considerable election as to the projects to be undertaken. Twelve class hours per week. Three semester hours credit. *Winebrenner.*

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. Twelve class hours per week. Three semester hours credit. *Winebrenner.*

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 Demonstration School will be arranged to study and observe children. Eight class hours per week. Three semester hours credit. Prerequisite: Ed. 101 or equivalent. *Baron.*

Ed. 307s. Psychology of the Pre-School Child. *Jamison.* (See course description under Ed. 522s. Graduate Division.)

Ed. 308Cs. Seminar in Early Childhood Education. (See course description under Ed. 515s. Graduate Division.)

Ed. 402s. Seminar in Elementary School Teaching. 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) 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. *Sloan.*

Ed. 433s. Audio-Visual Education. A basic audio-visual education course. Education 433s will be offered to undergraduates to provide them with the knowledges and skills that will lay the foundation for effective use of audio-visual materials in their teaching. In this basic course the following problems will be explored: psychological basis for an audio-visual program; equipment and materials orientation; integrating audio-visual methods into a teaching program; coordinating an audio-visual program in a school, securing and making projected materials, models, mockups, etc.; and evaluating a program. While this course is primarily planned for those who have teaching experience, seniors whose interest or background is sufficient will be admitted. Eight class hours per week. Three semester hours credit. See page 26. *Sugarman.*

Ed. 461s. Safety Education. *Meyer.* (See course description under Ed. 566s Graduate Division.)

Ed. 463s. Driver Education. *Meyer.* (See course description under Ed. 567s Graduate Division.)

Ed. 435s. Reading Clinic. *Mrs. Dunklin.* (See course description under Ed. 585s. Graduate Division) page 47.

Ed. 486s. Methods and Materials in the Elementary School. (See course description under Ed. 516s. Graduate Division.) page 45.

ENGLISH

Eng. 204s. English Literature. A study of English prose and poetry from the beginnings through the Victorian period. Required of General Elementary sophomores and Home Economics seniors. Eight class hours per week. Three semester hours credit. *Greenwood.*

Eng. 304s. American Literature. A general survey of early American literature with a closer study of the major authors and literary developments of the 19th century. The Romantics: Irving, Bryant, Poe, Emerson, Thoreau, Hawthorne, Whitman. The Realists: Howells, Clemens, Harte, Dickinson. Eight class hour per week. Three semester hours credit. *Bradford.*

Eng. 348s. Creative Dramatics. A lecture and participation course dealing with the philosophy, history, types, methods, and materials of informal play-making with children. Eight class hours per week. Three semester hours credit. *Piquette.*

Eng. 349s. Speech Activities in the Elementary School. A study of speech as an integrative and developmental activity of elementary school children. The planning of speech activities for the promotion of personality growth—conversation, story-telling, word games, interviews, creative dramatics. Elective for sophomores, juniors and seniors. Five class hours per week. Two semester hours credit. *Piquette.*

Eng. 402s. Contemporary Literature. British and American literature of the twentieth century, with emphasis on poetry and novel. Required of all General Elementary seniors. Eight class hours per week. Three semester hours credit. *Drew.*

Eng. 407s. Romantic Movement. A study of romantic poetry and prose from their beginnings in the late eighteenth century down to 1832. Particular attention is given to Burns, Wordsworth, Coleridge, Scott, Byron, Shelley, Keats and to the critics of the period. Five class hours per week. Two semester hours credit. *Cochnower.*

GEOGRAPHY

Geo. 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. Elective for others. Prerequisite: Geography 301. Eight class hours per week. Three semester hours credit. *Hume.*

Geo. 407s. Conservation of Natural Resources. An analysis of the need for conservation of soil, water, wildlife, minerals, forest and grassland resources. Methods of wise resource use are studied. A survey is made of programs of conservation in the United States with special attention to New York State. Elective for juniors and seniors. Five class hours per week. Two semester hours credit. *Hume.*

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. *Wegner.*

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. *Wegner.*

HOME ECONOMICS

H. Ec. 519s. **Workshop in Home Management.** *Adams.* (See course description under Ed. 519s. Graduate Division)

INDUSTRIAL ARTS

I. A. 303s. **Elementary Industrial Arts.** A study of various phases of Industrial Arts with emphasis on its place in the elementary grades. Woodworking, metal, leather, electricity, textiles, ceramics, and printing illustrate field studied. Hand tool processes, sharpening, and safety; procuring materials and their proper storage; and the organization of an Industrial Arts section in the grade school classroom further exemplifies course content. Basic course for General Elementary juniors. Ten class hours per week. Three semester hours credit. *Cappiello.*

MATHEMATICS

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

MUSIC

Mus. 305s. **Music for Children.** A course designed to meet the needs of the classroom teacher in the use of music with emphasis on Nursery, Kindergarten and Primary levels—Songs, rhythmic activity, the child voice, creative music and instruments, piano and autoharp, games and dances, recordings, books. Elective for sophomores, juniors and seniors. Five class hours per week. Two semester hours credit. *Webster.*

SCIENCE

Sci. 305s. **Zoology.** Study of a series of animals to demonstrate the relationships that exist throughout animal life. Lectures, demonstrations, and laboratory work make up the course. Elective for those who have had Science 201-202 or its equivalent. Ten class hours per week, including laboratory. Three semester hours credit. *Laug.*

OR

Sci. 401s. **Genetics.** Lectures, readings and individual studies on the patterns of inheritance in plants and animals, with special reference to humans. The distinctions and relationships between heredity and environment will be emphasized. Suggestions as to classroom application will be discussed. The importance of genetics in other fields, such as psychology and sociology will be indicated. Prerequisite: A year of biology or the equivalent. Ten class hours per week including laboratory. Three semester hours credit. *Laug.*

Sci. 310s. **Science in the Elementary Grades.** Designed for all persons who are interested in the teaching of supervision of science in the elementary school. Deals with the background and function of elementary science together with its subject matter. Opportunity will be given to work with the demonstrations, experiments, visual and other materials used in elementary school science, usually in relation to a real classroom situation. Required of juniors in the

Elementary School Science Sequence and elective for other General Elementary juniors and seniors. Other classes and departments by arrangement with instructor. Prerequisite: Science 101, 201-202, or their equivalent. Ten class hours per week including laboratory. Three semester hours credit. *Voltz.*

Sci. 410s. **Field Studies in Science.** The study of the sciences and related materials through the use of outdoor situations. The principles and practices of learning by direct experience are applied. Several short field trips, and some all-day trips, are included to acquaint the student with plants and animals in their natural ecological relationships. Methods for the collection and preservation of specimens are given. Required of seniors in the Elementary School Science Sequence, and an elective for juniors and seniors from any department of the college, with permission of the instructor. Ten hours per week. Three semester hours credit. *Sengbusch.*

SOCIAL STUDIES

S.S. 303s. **History of Europe Since 1914.** The causes, events, and results of World War I; 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. Five class hours per week. Two semester hours credit. *Mason.*

S.S. 306s. **American History Since 1865.** The new economic, political and social era which followed the Civil War; recognition of the United States as a world power; its part in the two World Wars; and recent developments in international affairs. Five class hours per week. Two semester hours credit. *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. Five class hours per week. Two semester hours credit. *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. *Hollister.*

S.S. 403As. **Twentieth Century American Foreign Relations.** A survey of our foreign relations and an analysis of our foreign policies from the Spanish-American War to the present. The central theme is the growth of the nation from isolationism to world power and world leadership. Recent and current foreign policies are emphasized. Eight class hours per week. Three semester hours credit. *Peterson.*

S.S. 413s. **The Family.** The Family as a changing social institution, patterns of family development and organization, problems of individual adjustment within the family, the family and personality development, factors of family unity, and family disorganization and reorganization. Elective for juniors and seniors. Eight class hours per week. Three semester hours credit. *Stewart.*

S.S. 508s. **Field Course in Mexican Culture.** Open to upperclass undergraduates. *Peterson.* For description of the course see listing under Social Studies Graduate Courses, page 48.

SUMMER SESSION PROGRAM

June 29 — August 7, 1953

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.

CONVOCATION

There will be one period per week set aside for Convocation on Thursday 10:10-11:00.

LUNCH PERIOD

Students must plan for a lunch period in making their elections. Both Cafeterias will be open from 10:30-1:30. The Snack Bars will be open continuously throughout the day.

GRADUATE COURSES

FIRST PERIOD — 8:10-9:00

| Catalog No. | Name of Course | Instructor |
|-------------|--|------------------|
| Art 506s | Seminar in Contemporary Art..... | Conant |
| Art 509s | Studio in Crafts..... | Winebrenner |
| Ed. 500s | Workshop in Elementary Education..... | Bradley, et. al. |
| Ed. 500As | Workshop in Elementary Education (I.T.T.P.) | Gover, et. al. |
| Ed. 506s | Philosophy of Education..... | Sloan |
| Ed. 511s | Music & Art in Elementary Education..... | Boyd & Jiskra |
| Ed. 512s | Seminar in Child Development..... | Penn |
| Ed. 515s | Seminar in Early Childhood Education..... | Jamison |
| Ed. 519s | Applied Mental Hygiene..... | Baron |
| Ed. 533s | Workshop in Audio-Visual Education..... | Smay |
| Ed. 566s | Safety Education | Meyer |
| Ed. 590s | Preparation of Laboratory School Teachers | Milanovich |
| Eng. 519s | Literature and the World Today..... | Greenwood |
| H. Ec. 503s | Family Relationships | Stewart |
| I. A. 511s | Seminar in Industrial Cooperative Education | Russell |
| Sci. 501s | Field Studies in Science I..... | Sengbusch |
| S.S. 501As | Studies in 20th Century European History—Germany | Mason |

SECOND PERIOD — 9:10-10:00

| Catalog No. | Name of Course | Instructor |
|-------------|--|------------------|
| Art 506s | Seminar in Contemporary Art..... | Conant |
| Art 509s | Studio in Crafts..... | Winebrenner |
| Ed. 500s | Workshop in Elementary Education..... | Bradley, et. al. |
| Ed. 500As | Workshop in Elementary Education (I.T.T.P.) | Gover, et. al. |
| Ed. 506s | Philosophy of Education..... | Sloan |
| Ed. 511s | Music & Art in Elementary Education..... | Boyd & Jiskra |
| Ed. 512s | Seminar in Child Development..... | Penn |
| Ed. 515s | Seminar in Early Childhood Education..... | Jamison |
| Ed. 519s | Applied Mental Hygiene..... | Baron |
| Ed. 533s | Workshop in Audio-Visual Education..... | Smay |
| Ed. 566s | Safety Education | Meyer |
| Ed. 585s | Reading Clinic | Dunklin |
| Ed. 590s | Preparation of Laboratory School Teachers | Milanovich |
| Eng. 519s | Literature and the World Today..... | Greenwood |
| H. Ec. 503s | Family Relationships | Stewart |
| I. A. 511s | Seminar in Industrial Cooperative Education | Russell |
| Sci. 501s | Field Studies in Science I..... | Sengbusch |
| S.S. 501As | Studies in 20th Century European History—Germany | Mason |

THIRD PERIOD — 10:10-11:00

| Catalog No. | Name of Course | Instructor |
|-------------|---|------------------|
| Art 505s | Seminar in Art Education..... | Czurles |
| †Art 508s | Studio in Design & Spatial Organization.... | Dakin |
| Art 511s | Art in the Elementary Curriculum..... | Jiskra |
| Ed. 500s | Workshop in Elementary Education..... | Bradley, et. al. |
| Ed. 500As | Workshop in Elementary Education (I.T.T.P.) | Gover, et. al. |
| Ed. 504s | Administration of the Elementary School.... | Kumpf |
| Ed. 512s | Seminar in Child Development..... | Penn |
| Ed. 516s | Methods and Materials in the Elementary School | Sugarman |
| Ed. 523s | Principles and Practices of Guidance..... | Klopf |
| Ed. 534s | Administration and Supervision of Audio-Visual Programs | Truesdale |
| Ed. 575s | Research Methods and Techniques..... | Hertzberg |
| Ed. 585s | Reading Clinic | Dunklin |
| Ed. 590s | Preparation of Laboratory School Teachers | Milanovich |
| Eng. 522s | Studies in Modern American Poetry..... | Drew |
| Geo. 500s | Geography of Eastern Asia..... | Whittemore |
| H. Ec. 500s | Seminar in Home Economics Education..... | Grant |
| Mus. 500s | Music in Education | Boyd |
| Sci. 500s | Science in the Elementary Curriculum..... | Voltz |
| S.S. 512s | U. S. in Contemporary World Affairs..... | Albright |

CONVOCATION

LUNCH PERIOD

FOURTH PERIOD — 11:10-12:00

| Catalog No. | Name of Course | Instructor |
|-------------|---|------------|
| Art 505s | Seminar in Art Education..... | Czurles |
| †Art 508s | Studio in Design & Spatial Organization.... | Dakin |
| Art 511s | Art in the Elementary Curriculum..... | Jiskra |

†Two additional hours to be arranged.

| Catalog No. | Name of Course | Instructor |
|-------------|--|------------------|
| Ed. 500s | Workshop in Elementary Education..... | Bradley, et. al. |
| Ed. 500As | Workshop in Elementary Education (I.T.T.P.) | Gover, et. al. |
| Ed. 504s | Administration of the Elementary School.... | Kumpf |
| Ed. 512s | Seminar in Child Development..... | Penn |
| Ed. 516s | Methods and Materials in the Elementary School | Sugarman |
| Ed. 523s | Principles and Practices of Guidance..... | Klopf |
| Ed. 534s | Administration and Supervision of Audio-Visual Programs | Truesdale |
| Ed. 575s | Research Methods and Techniques..... | Hertzberg |
| Ed. 585s | Reading Clinic | Dunklin |
| Ed. 590s | Preparation of Laboratory School Teachers | Milanovich |
| Eng. 522s | Studies in Modern American Poetry..... | Drew |
| Geo. 500s | Geography of Eastern Asia..... | Whittmore |
| H. Ec. 500s | Seminar in Home Economics Education..... | Grant |
| Mus. 500s | Music in Education..... | Boyd |
| Sci. 500s | Science in the Elementary Curriculum..... | Voltz |
| S.S. 512s | U. S. in Contemporary World Affairs..... | Albright |

FIFTH PERIOD — 12:10-1:00

| Catalog No. | Name of Course | Instructor |
|-------------|--|------------------|
| Art 510s | Studio in Photography..... | Truesdale |
| †Art 512s | Studio in Sculpture..... | Dakin |
| Ed. 500s | Workshop in Elementary Education..... | Bradley, et. al. |
| Ed. 500As | Workshop in Elementary Education (I.T.T.P.) | Gover, et. al. |
| Ed. 501s | Seminar in Elementary Education..... | Steel |
| Ed. 512s | Seminar in Child Development..... | Penn |
| Ed. 522s | Psychology of the Pre-School Child..... | Jamison |
| Ed. 531s | Supervision of Teaching..... | Kumpf |
| Ed. 567s | Driver Education | Meyer |
| Ed. 575s | Research Methods and Techniques..... | Hertzberg |
| Ed. 585s | Reading Clinic | Dunklin |
| Ed. 590s | Preparation of Laboratory School Teachers | Milanovich |
| Eng. 523s | Shakespearean Comedy | Bradford |
| I.A. 506s | Supervision of Industrial Arts Education.... | Russell |
| Math. 500s | Mathematics of the Elementary School..... | Rodney |
| S.S. 509s | Local History | Rapp |

SIXTH PERIOD — 1:10-2:00

| Catalog No. | Name of Course | Instructor |
|-------------|--|------------------|
| Art 510s | Studio in Photography..... | Truesdale |
| †Art 512s | Studio in Sculpture..... | Dakin |
| Ed. 500s | Workshop in Elementary Education..... | Bradley, et. al. |
| Ed. 500As | Workshop in Elementary Education (I.T.T.P.) | Gover, et. al. |
| Ed. 501s | Seminar in Elementary Education..... | Steel |
| Ed. 512s | Seminar in Child Development..... | Penn |
| Ed. 522s | Psychology of the Pre-School Child..... | Jamison |
| Ed. 531s | Supervision of Teaching..... | Kumpf |
| Ed. 567s | Driver Education | Meyer |
| Ed. 575s | Research Methods and Techniques..... | Hertzberg |
| Ed. 590s | Preparation of Laboratory School Teachers | Milanovich |
| Eng. 523s | Shakespearean Comedy | Bradford |
| I.A. 506s | Supervision of Industrial Arts Education.... | Russell |
| Math. 500s | Mathematics of the Elementary School..... | Rodney |
| S.S. 509s | Local History | Rapp |

† Two additional hours to be arranged.

SEVENTH PERIOD — 2:10-3:00

| Catalog No. | Name of Course | Instructor |
|-------------|--|----------------|
| Ed. 500As | Workshop in Elementary Education (I.T.T.P.) | Gover, et. al. |

UNDERGRADUATE COURSES

FIRST PERIOD — 8:10-9:00

| Catalog No. | Name of Course | Instructor |
|-------------|--|-------------|
| Art 400s | Workshop in Crafts..... | Winebrenner |
| Ed. 308s | Seminar in Early Childhood Education..... | Jamison |
| Ed. 461s | Safety Education | Meyer |
| Ed. 485s | Reading Clinic | Dunklin |
| *Eng. 349s | Speech Activities in the Elementary Grades | Piquette |
| Eng. 402s | Contemporary Literature | Drew |
| I.A. 303s | Elementary Industrial Arts..... | Cappiello |
| Sci. 305s | Zoology | Laug |
| or | | |
| Sci. 401s | Genetics | Laug |
| *S.S. 341s | Nationality Groups in American Culture.... | Hollister |

SECOND PERIOD — 9:10-10:00

| Catalog No. | Name of Course | Instructor |
|-------------|---|-------------|
| Art 400s | Workshop in Crafts..... | Winebrenner |
| Ed. 308s | Seminar in Early Childhood Education..... | Jamison |
| Ed. 461s | Safety Education | Meyer |
| Ed. 485s | Reading Clinic | Dunklin |
| Eng. 402s | Contemporary Literature | Drew |
| *Geo. 407s | Conservation of Natural Resources..... | Hume |
| I.A. 303s | Elementary Industrial Arts..... | Cappiello |
| Sci. 305s | Zoology | Laug |
| or | | |
| Sci. 401s | Genetics | Laug |
| *S.S. 306s | American History Since 1865..... | Rapp |

THIRD PERIOD — 10:10-11:00

| Catalog No. | Name of Course | Instructor |
|-------------|---|------------|
| Ed. 102s | Child Development | Baron |
| Ed. 402s | Seminar in Elementary School Teaching..... | Sloan |
| Ed. 485s | Reading Clinic | Dunklin |
| Ed. 486s | Methods and Materials in the Elementary School | Sugarman |
| Eng. 304s | American Literature | Bradford |
| Eng. 348s | Creative Dramatics | Piquette |
| Math. 101s | Introduction to Mathematics..... | Rodney |
| †Sci. 310s | Science in the Elementary Grades..... | Voltz |
| S.S. 402s | Sociology | Hollister |
| S.S. 413s | The Family | Stewart |

* Two semester hours credit.

† Two additional hours to be arranged.

CONVOCAATION

LUNCH PERIOD

FOURTH PERIOD — 11:10-12:00

| Catalog No. | Name of Course | Instructor |
|---------------|--|------------|
| Ed. 102s | Child Development | Baron |
| Ed. 402s | Seminar in Elementary School Teaching | Sloan |
| Ed. 485s | Reading Clinic | Dunklin |
| Ed. 486s | Methods and Materials in the Elementary School | Sugarman |
| Eng. 304s | American Literature | Bradford |
| Eng. 348s | Creative Dramatics | Piquette |
| *H.Ed. 201-2s | Health Education | Wegner |
| Math. 101s | Introduction to Mathematics | Rodney |
| *Mus. 305s | Music for Children | Webster |
| Sci. 310s | Science in the Elementary Grades | Voltz |
| S.S. 402s | Sociology | Hollister |
| S.S. 413s | The Family | Stewart |

FIFTH PERIOD — 12:10-1:00

| Catalog No. | Name of Course | Instructor |
|-------------|--|-------------|
| Art 406s | Creative Art Workshop | Winebrenner |
| Ed. 307s | Psychology of Pre-School Child | Jamison |
| Ed. 433s | Audio-Visual Education | Sugarman |
| Ed. 463s | Driver Education | Meyer |
| Ed. 485s | Reading Clinic | Dunklin |
| Eng. 204s | English Literature | Greenwood |
| Geo. 402s | Economic Geography | Hume |
| Sci. 410s | Field Studies in Science I | Sengbusch |
| *S.S. 303s | Europe Since 1914 | Mason |
| S.S. 403As | Twentieth Century American Foreign Relations | Peterson |

SIXTH PERIOD — 1:10-2:00

| Catalog No. | Name of Course | Instructor |
|-------------|--|-------------|
| Art 406s | Creative Art Workshop | Winebrenner |
| Ed. 307s | Psychology of the Pre-School Child | Jamison |
| Ed. 433s | Audio-Visual Education | Sugarman |
| Ed. 463s | Driver Education | Meyer |
| Eng. 204s | English Literature | Greenwood |
| *Eng. 407s | The Romantic Period | Cochnower |
| Geo. 402s | Economic Geography | Hume |
| *H.Ed. 402s | Health Protection | Wegner |
| Sci. 410s | Field Studies in Science I | Sengbusch |
| S.S. 403As | Twentieth Century American Foreign Relations | Peterson |

* Two semester hours credit.

SPECIAL SCHEDULES

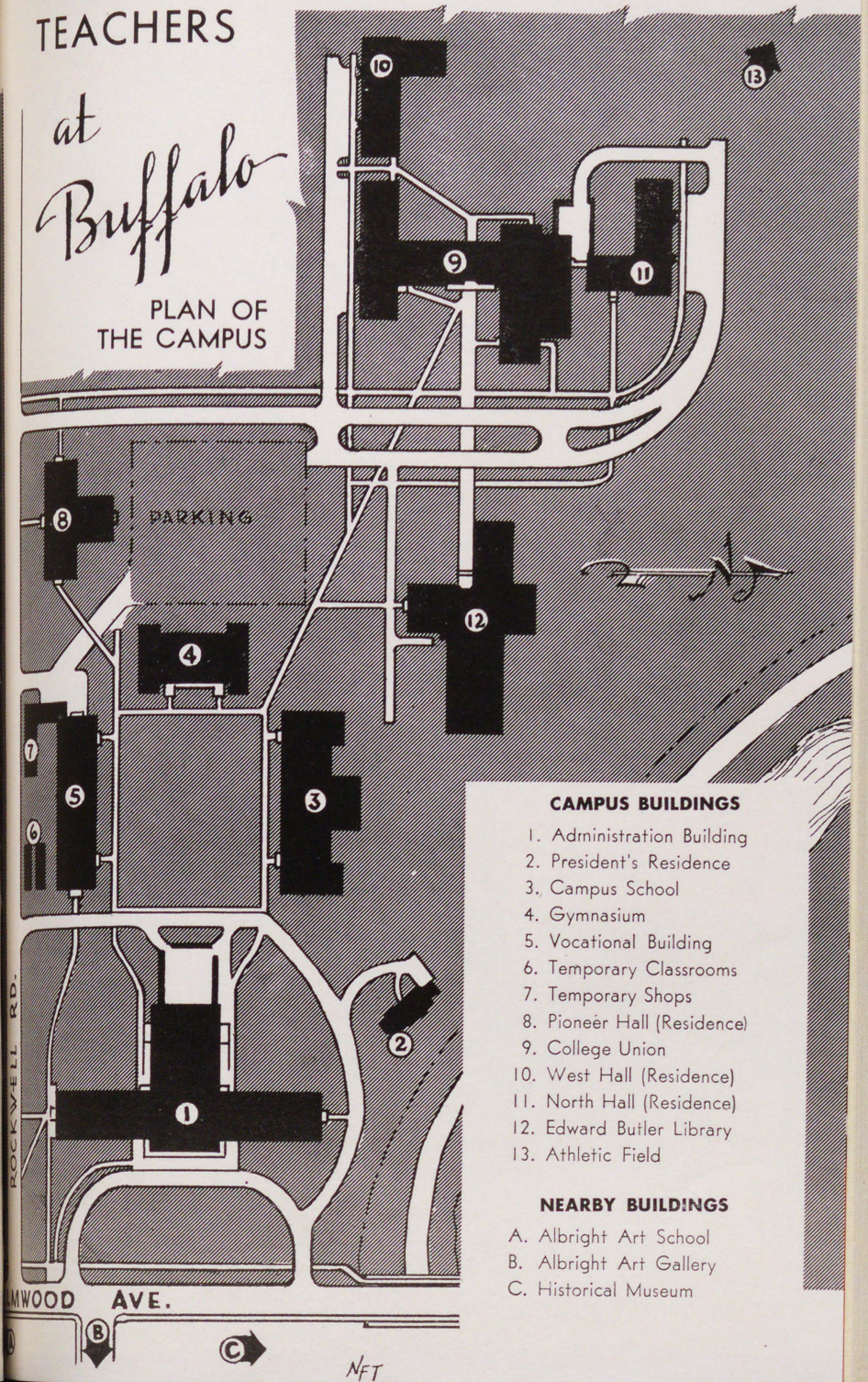
| Catalog No. | Name of Course | Instructor |
|---------------------|---|-------------------------------------|
| Eng. 516s | Studytour of Western Europe | Gronewold |
| June 23- Aug. 20 | Open to graduates and undergraduates 8 semester hours credit or non-credit basis | |
| Ed. 520s | Workshop in Elementary School Administration and Supervision | Sherrie, Director |
| June 29- July 10 | 10:00-12:00 Daily — General Sessions — Auditorium. 1:30-3:30 Daily—Seminars Open to graduates and undergraduates 2 semester hours credit | Kumpf, Kinsella, Seminar leaders |
| S.S. 514s | Human Relations Workshop | Burrell, Director |
| July 5- July 18 | Open to graduates and undergraduates 2 semester hours credit | Klopf, Weaver, Consultants |
| H. Ec. 519s | Workshop in Home Management | Adams |
| July 6-24 | Open to graduates and undergraduates 3 semester hours credit | |
| Ed. 540s | International Education—Foreign Study in Geneva, Switzerland | Neuthardt |
| July 6- Aug. 20 | Open to graduates and undergraduates 2, 4, 6, or 8 semester hours credit | |
| July 16-17 | Conference on Art in the Elementary School | |
| July 23 | School and Community Conference | |
| S.S. 508s | Field Course in Mexican Culture | Peterson |
| Aug. 8-22 | Two day session on campus, Flight to Mexico, 11 days in Mexico—return by air Open to graduates and undergraduates 3 semester hours credit or non-credit basis | |
| Art 520s | Outdoor Workshop in Art in Allegany State Park | Conant and Dakin |
| Aug. 9-22 | Open to graduates and undergraduates 2 semester hours credit or on a non-credit basis | Co-Directors |

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CAMPUS BUILDINGS

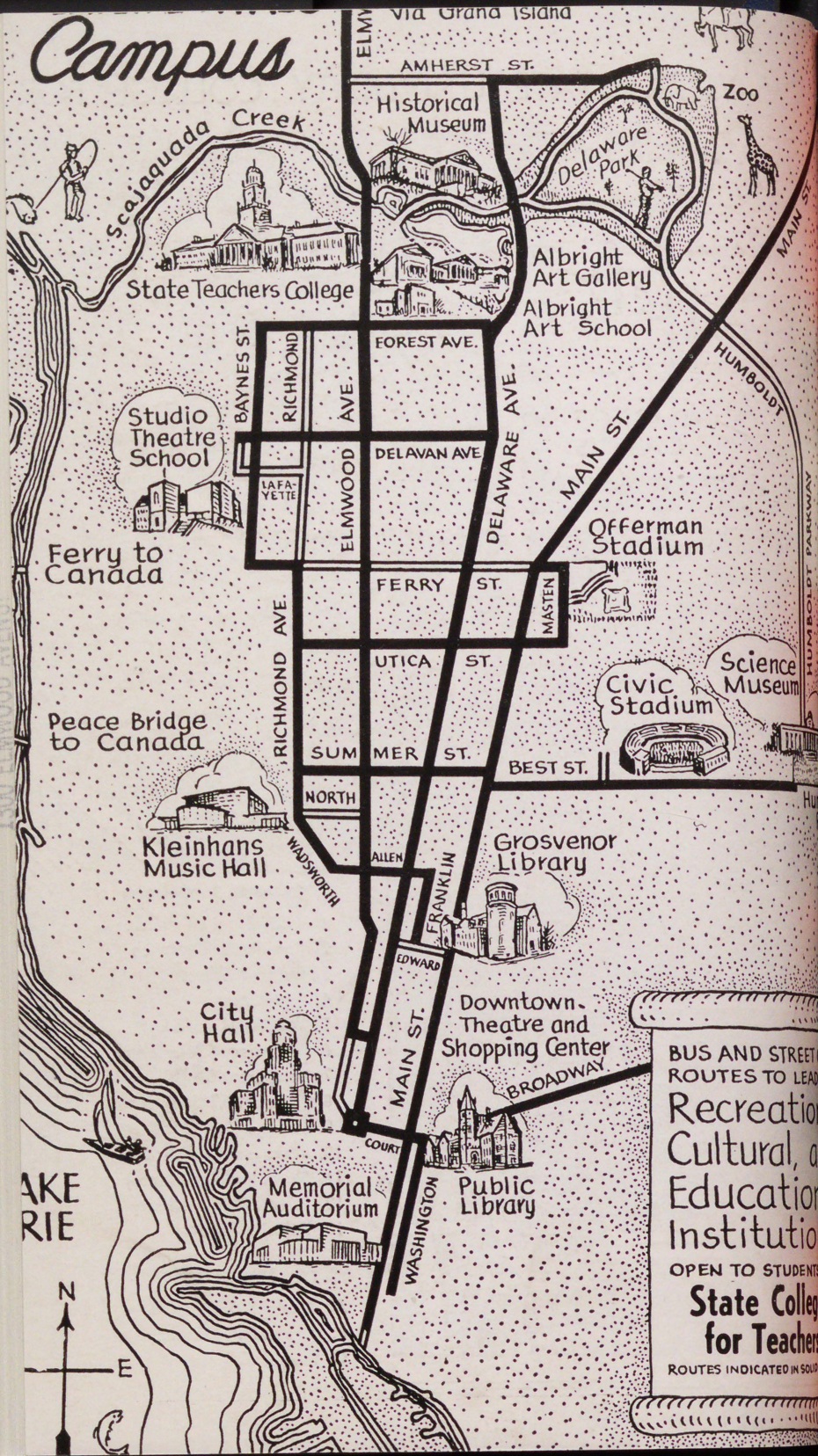
1. Administration Building
2. President's Residence
3. Campus School
4. Gymnasium
5. Vocational Building
6. Temporary Classrooms
7. Temporary Shops
8. Pioneer Hall (Residence)
9. College Union
10. West Hall (Residence)
11. North Hall (Residence)
12. Edward Butler Library
13. Athletic Field

NEARBY BUILDINGS

- A. Albright Art School
- B. Albright Art Gallery
- C. Historical Museum

SHIELD N.Y. 14790

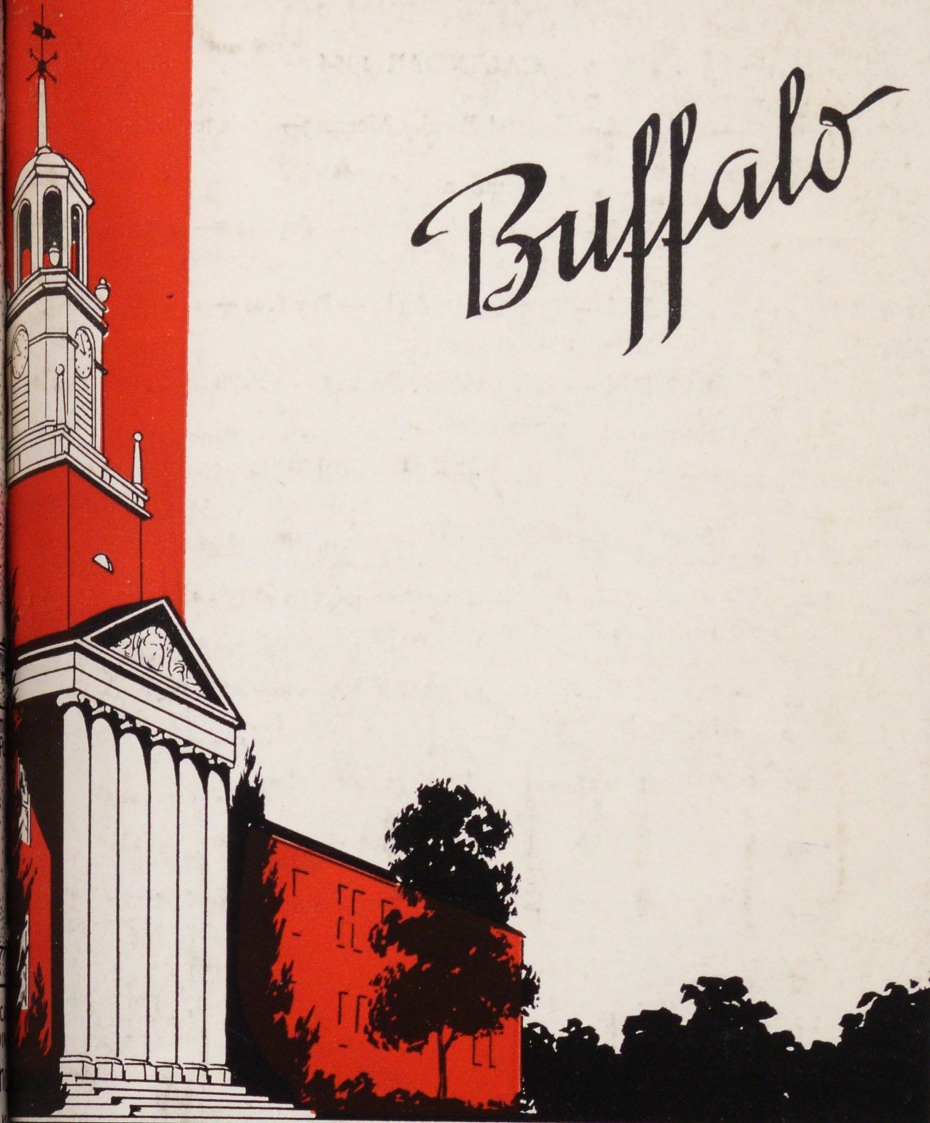
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