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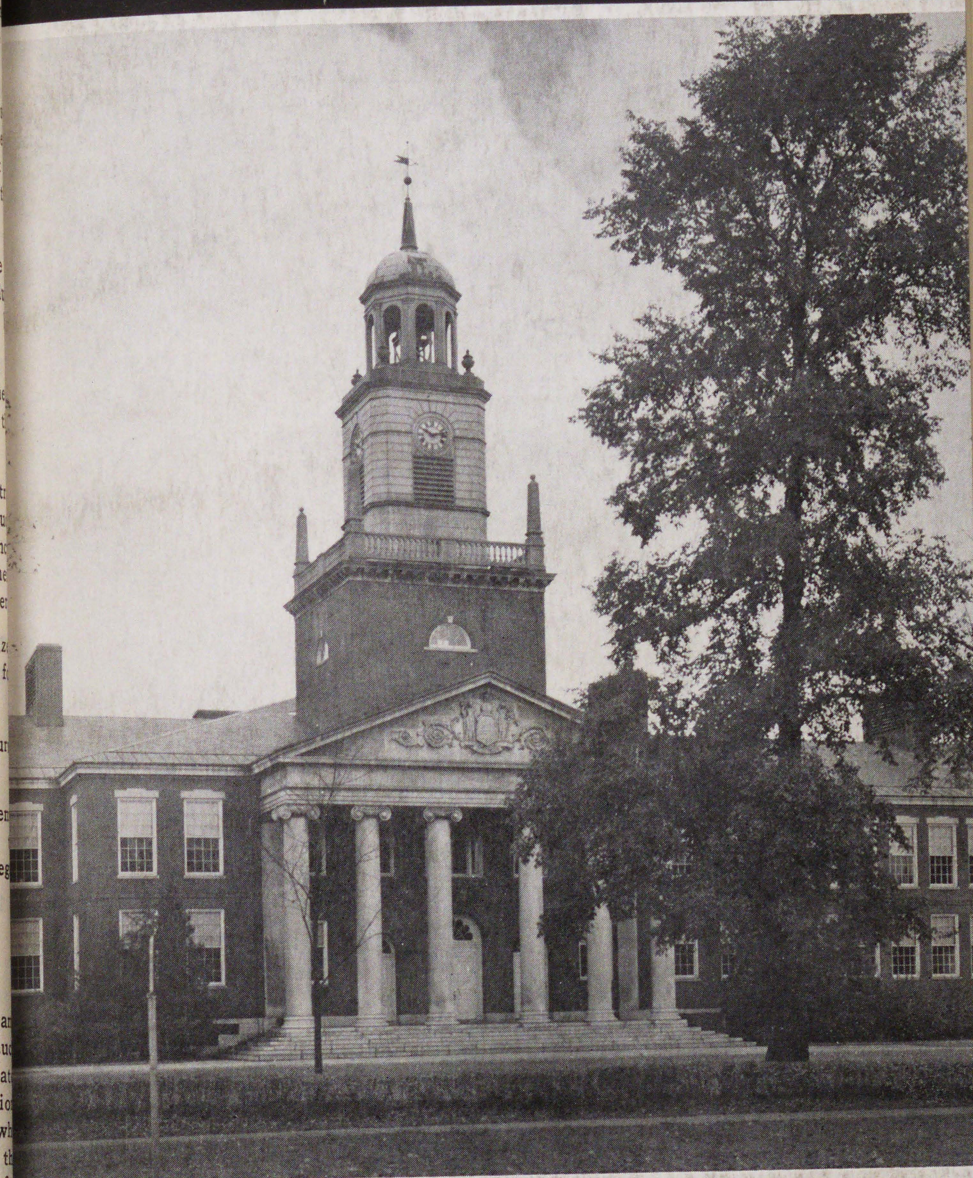
GENERAL INFORMATION

1. Teachers in service and properly qualified undergraduates will be admitted to Extension courses.
2. A fee of \$7.50 is charged for each semester hour. Special exceptions may be made in the case of regular students and faculty. No refund will be made unless the course is discontinued. Fees are payable at registration.
3. While credit is granted for the completion of all credit courses, the application of such credit to the specific program of any student is subject to the approval of the Registrar. Extension credit is transferable to other academic institutions, in accordance with the regulations of such institutions.
4. If a student wishes to be considered a candidate for a degree he is expected to secure, either by mail or by personal interview, evaluation of his program from the Registrar in order that he may be sure that work taken will fit his individual need.
5. Extra-mural courses will be organized in convenient centers where the demand is sufficient to justify it. Communication with the Director is urged.
6. Third year Buffalo State Teachers College graduates taking extra-mural courses are warned not to expect credit toward degree if such courses fall within the last sixteen hours of required residence. Extra-mural credit does not count towards the residence requirement if the first three years' work of the candidate were taken elsewhere.
7. Classes under ten, as an absolute minimum, will not be organized except in exceptional cases of required subjects necessary for immediate graduation.
8. The right is reserved to make any necessary alterations in the course offerings listed in this catalog without notice.
9. Any students who have questions relative to courses, requirements or other matters pertaining to extension work, please write R. E. Albright, Director of Extension, State Teachers College, Buffalo, 9, N. Y.

APPLICATION FOR DIPLOMA

Students expecting to qualify for degrees in January or June of any year are required to make application in the Registrar's office for such degree by November 1 of the year in which they expect to graduate. Diplomas will not be ordered for students who fail to make application and the College cannot be responsible for the graduation of any who fail to make application. Students completing the requirements for the degree during the Summer Session are required to make application for the degree before the close of the Summer Session.

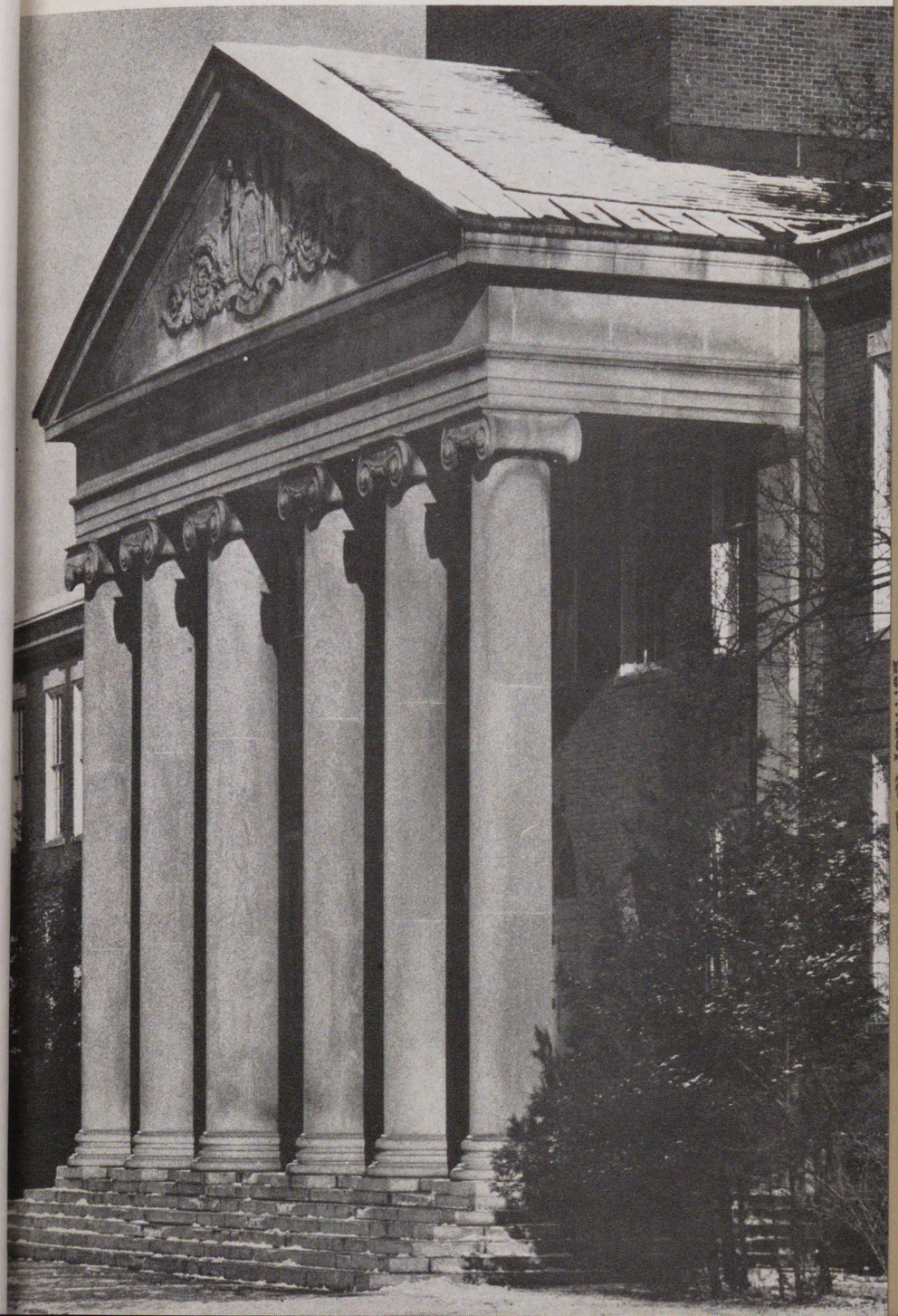
STATE TEACHERS COLLEGE *Bulletin*



BUFFALO • NEW YORK
1944 *Catalog Issue* 1945

State Teachers College at Buffalo

BUILDINGS • ACTIVITIES • RESOURCES



STATE TEACHERS COLLEGE
BUFFALO, N. Y.



BUILDING

Administration
Classroom Building

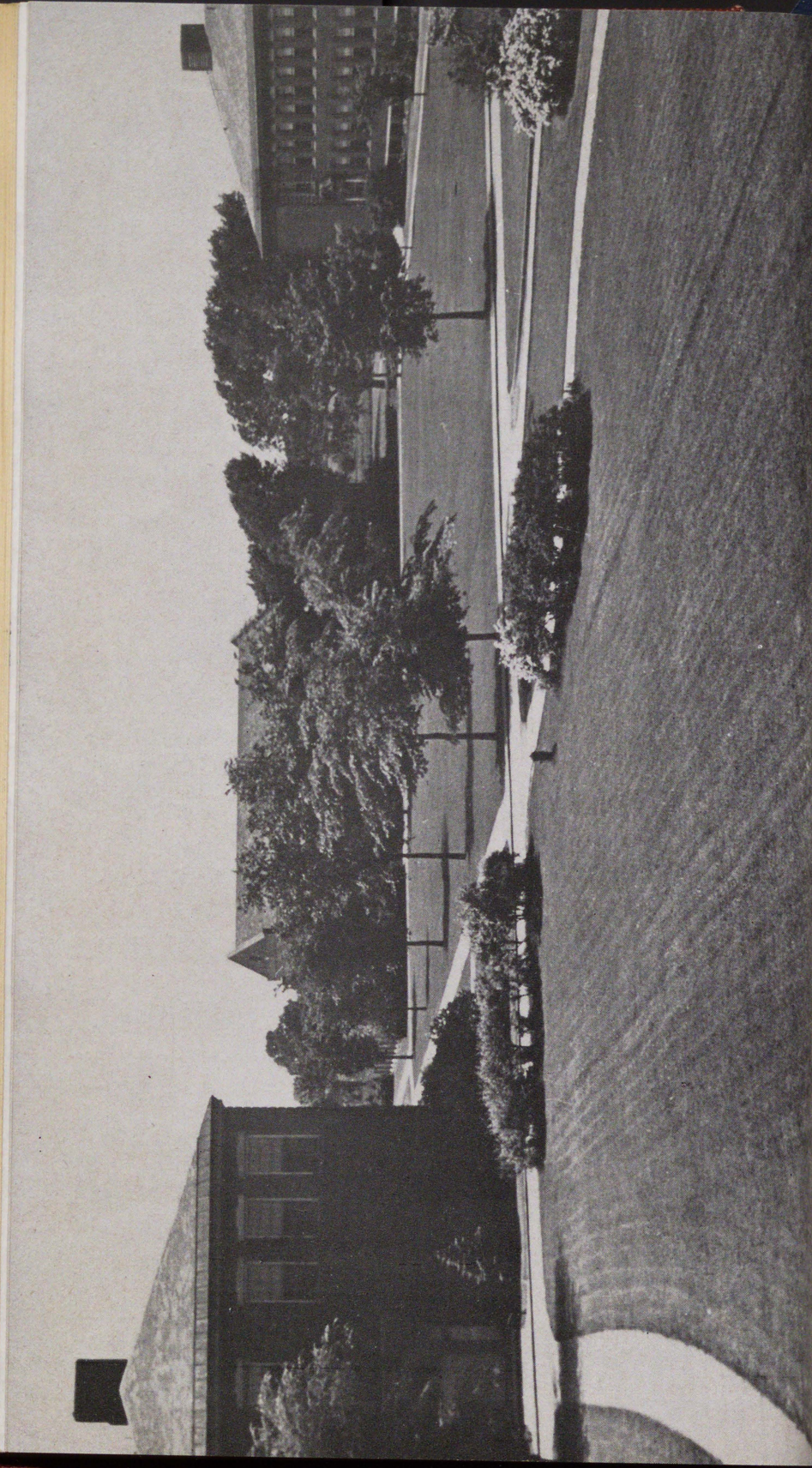
Vocational Building
Right, Center

Gymnasium Building
Right, Center

School of Practical
Right, Both



ST. BARTHOLOMEW'S HOSPITAL
LIBRARY
ST. BARTHOLOMEW'S HOSPITAL
LIBRARY
ST. BARTHOLOMEW'S HOSPITAL
LIBRARY



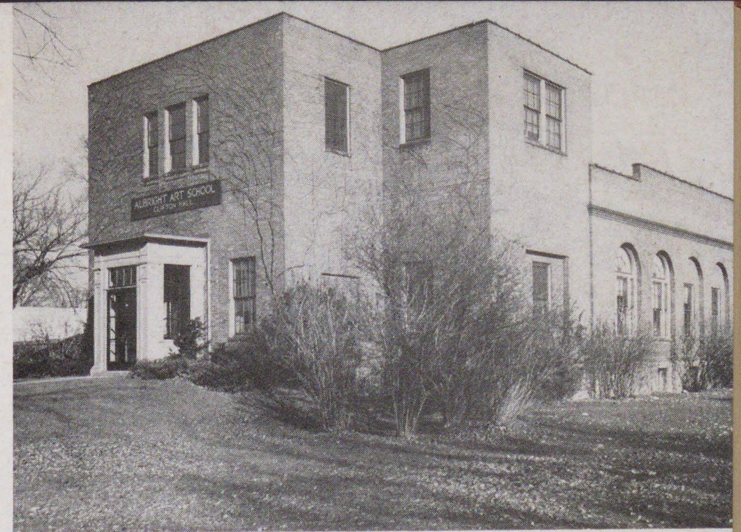
BUILDINGS

Quadrangle in Summer,
showing Vocational
Building, Gymnasium,
School of Practice
Left

Albright Art School
Right, Top

Home Management
and Practice House
Right, Center

President's Residence
Right, Bottom



ST. LOUIS PUBLIC LIBRARY
CITY COLLEGE
BUTLAND, N. Y.



ACTIVITIES

Sorority Chapter

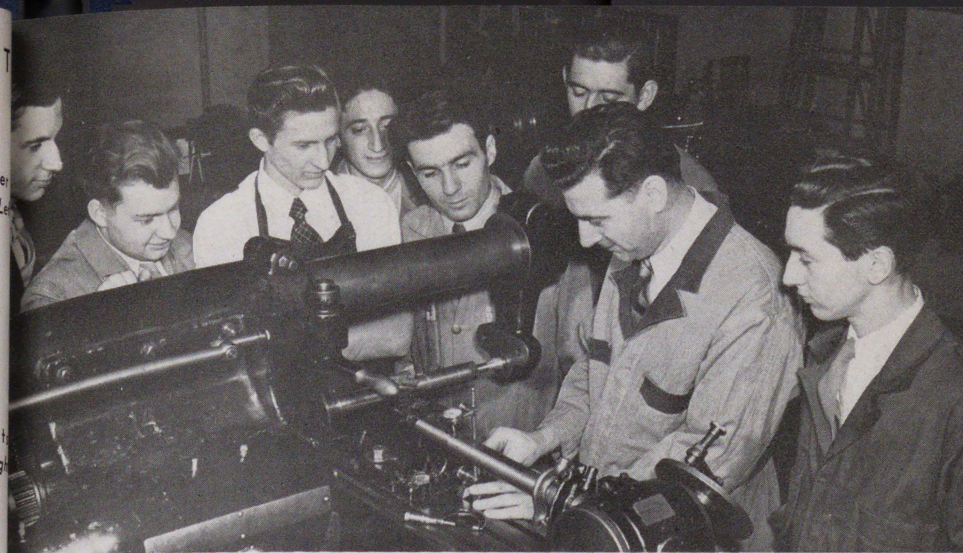
Industrial Arts

Sorority Chapter

Home Economics

Sorority Chapter

In a Busy Corner
of the College Library



ST. LOUIS PUBLIC LIBRARY
CITY COLLEGE
BRANCH NO. 10



ACTIVITIES

Design Class at
Albright Art School
Left

Girls in an Elec
Industrial Arts Class
Right



Swimming Instruction
Left, Center



Chemistry Laboratory
Right, Center

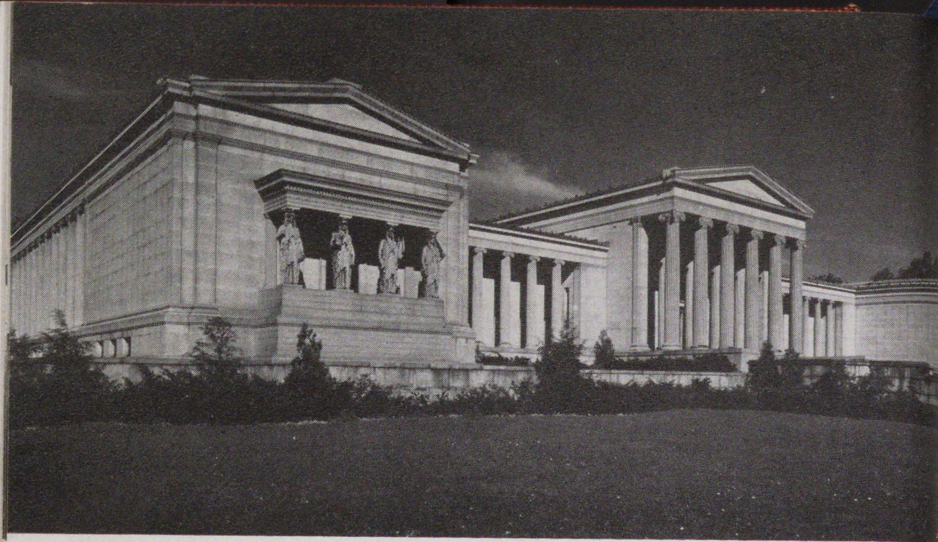


Fun in the Gymnasium
Left, Bottom



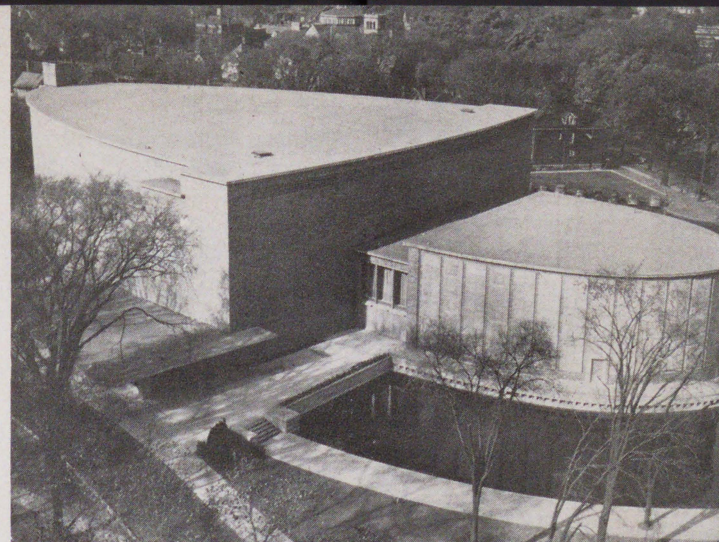
Student Teacher
Reading Group at
School of Practical
Right, Bottom

ST. JOHN'S UNIVERSITY
LIBRARY
ST. JOHN'S, N. Y.



RESOURCES

Albright Art Gallery,
Opposite the Campus
Left, Top



Kleinhaus Music Hall,
Center of Fine Music
Right, Top



Historical Museum,
Opposite the Campus
Left, Center



Grosvenor Reference
Library, One of the
Largest in the World
Right, Center

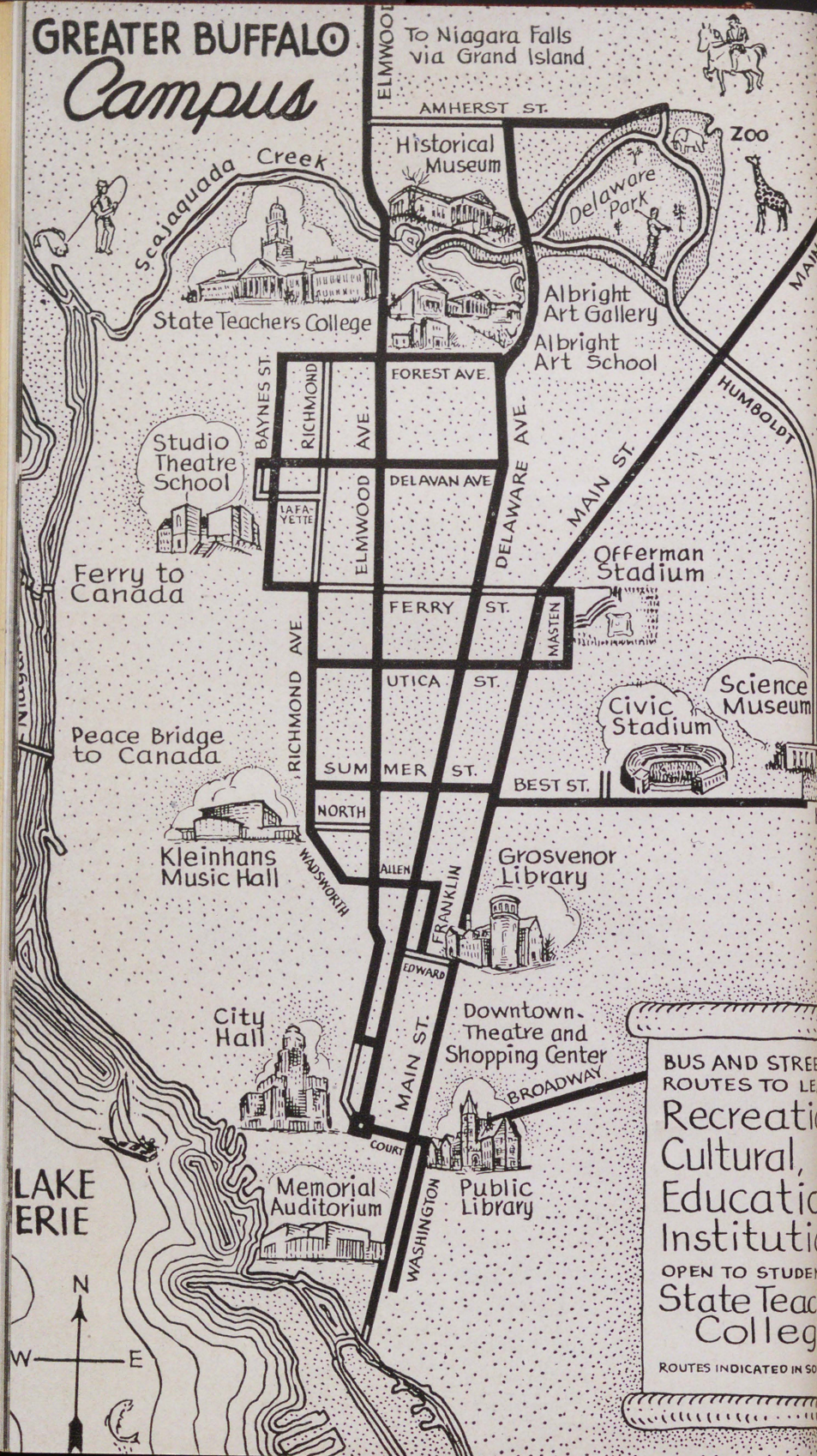


Museum of Science,
Open for Student Work
Left, Bottom



A Fine Public Library
Available to Students
Right, Bottom

ST. LOUIS PUBLIC LIBRARY
CITY COLLEGE
ST. LOUIS, MO.



State Teachers College At Buffalo



CATALOG ISSUE
1944 — 1945

STATE TEACHERS COLLEGE BULLETIN

VOLUME XII, NUMBER 2

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

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MARION CLARK BREENE	Financial Secretary

CALENDAR

Second Semester 1943-1944

Monday, January 31 }—Registration, Second Semester
Tuesday, February 1 }
Wednesday, April 5 (Noon)—Easter Vacation begins
Monday, April 17—Classes resume work
Friday, June 9—Second Semester ends
June 11-13—Commencement Program

Summer Session 1944

Monday, July 3—Registration
Wednesday, July 5—Instruction begins
Friday, August 11—Summer Session ends

College Year 1944-1945

Monday, September 11 }—Registration, First Semester
Tuesday, September 12 }
Wednesday, September 13—Instruction begins
Wednesday, November 22 (Noon)—Thanksgiving Recess begins
Monday, November 27—Classes resume work
Friday, December 15 (Noon)—Christmas Vacation begins
Tuesday, January 2—Classes resume work
Friday, January 26—First Semester ends
Monday, January 29 }—Registration, Second Semester
Tuesday, January 30 }
Wednesday, March 28 (Noon)—Easter Vacation begins
Monday, April 9—Classes resume work
Friday, June 8—Second Semester ends
June 10-12—Commencement Program

Summer Session 1945

Monday, July 2—Registration
Tuesday, July 3—Instruction begins
Friday, August 10—Summer Session ends

College Year 1945-1946

Monday, September 10 }—Registration, First Semester
 Tuesday, September 11 }
 Wednesday, September 12—Instruction begins
 Wednesday, November 28 (Noon)—Thanksgiving Recess begins
 Monday, December 3—Classes resume work
 Friday, December 21 (Noon)—Christmas Vacation begins
 Monday, January 7—Classes resume work
 Friday, January 25—First Semester ends
 Monday, January 28 }—Registration, Second Semester
 Tuesday, January 29 }
 Wednesday, April 17 (Noon)—Easter Vacation begins
 Monday, April 29—Classes resume work
 Friday, June 7—Second Semester ends
 June 9-11—Commencement Program

1944

S	M	T	W	T	F	S
January	1	2	3	4	5	6
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CHARLES A. VAIL *Instructor in Science*
University of Michigan, B.S.; Teachers College, Columbia, A.M.

HILDRED L. WASHBURN (Acting) *Instructor in Third Grade*
School of Practice
Kansas State Teachers College, B.S.; Columbia University, M.A.; Washburn University; University of California.

WALTER B. WEBER *Instructor in Electricity*
State Teachers College at Buffalo, B.S.; University of Buffalo, Ed.M.

MADELEINE WENDLING *Instructor in French*
School of Practice
Graduate, Ecole Normale, Arras, France.

KATHERYNE THOMAS WHITTEMORE *Assistant Professor of*
Geography
Head of Department
Vassar College, A.B.; Clark University, A.M., Ph.D.

D. KENNETH WINEBRENNER *Instructor in Art*
State Teachers College, Indiana, Pa., B.S. in Art Education; Teachers College, Columbia, A.M.

KATE V. WOFFORD *Professor of Rural Education*
Head of Department
South Carolina State College for Women, A.B.; Cornell University, A.M.; Columbia University, Ph.D.

Instructors

School No. 52 (276 Bird Avenue)

FORD R. PARK, Ph.B A.M.	Principal
AGNES AGNITCH	Third Grade
GRACE G. BALLARD, B.S.	Fourth Grade
THELMA HEPP CLOGSTON, B.S.	Second Grade
MARY L. DARKER, B.S.	First Grade
LENA S. DENEKE, B.S.	Fifth Grade
MARY J. DOE	Third Grade
VIOLA M. DOHRMAN, B.S.	Sixth Grade
M. JOSEPHINE DURNEY, B.S.	Eighth Grade
EDNA R. GARDNER	Seventh Grade
LINA L. GIELOW, B.S.	Eighth Grade
GEORGINA S. HASKILL, B.S., M. A.	First Grade
ELIZABETH D. MATSON, B.S., M.A.	Eighth Grade
BERTRAM A. MILLER, B.S., Ed.M.	Fifth Grade
ELLEN C. MOCKLER, B.S., M.A.	Second Grade
CHARLOTTE M. MOORE	Seventh Grade
EDNA M. SHAW, B.S.	Kindergarten
MARION R. WAKEMAN, B.S., Ed.M.	Sixth Grade
EDWARD G. WYATT, B.S.	Art

AFFILIATED ALBRIGHT ART SCHOOL

PHILIP C. ELLIOTT	Director
Yale University, B.F.A.	
VIRGINIA CUTHBERT	Instructor in Oil Painting
Syracuse University, B.F.A.	
CHARLES JACOBS	Instructor in Ceramics
Albright Art School; Alfred University; Practicing ceramist.	
CHARLES LE CLAIR	Instructor in Drawing and Painting
University of Wisconsin, M.S.; Columbia University; Study abroad.	
HELEN PRATT	Instructor in Costume Design
State Teachers College at Buffalo, B.S.; Practicing fashion and display artist.	
DAVID REIDER	Instructor in Design
Cleveland School of Art; Case School of Applied Science; Practicing commercial and industrial designer.	

FRANCIS B. VALENTINE.....Instructor in Commercial Design
Yale University, B.F.A.; Practicing commercial artist.

CLIFFORD P. WESTERMEIER...Instructor in Drawing and Perspective
Pratt Institute; Study in Paris; University of Buffalo, B.S.; University of Colorado, M.S.

Administrative and Clerical Assistants

MARION F. AYERS, R.N.	Assistant College Nurse
MARY LUTZ BALL, B.S.	Alumni and Placement Secretary
HARRY W. CURTIN	Superintendent of Buildings and Grounds
CHARLOT MOEHLAU FETTERMAN, B.S.	Manager of the Bookstore
MABEL B. GILBERT	Cafeteria Director
KATHRYN S. GRAHAM	Secretary to the President
ETHEL M. H. HANSEN, R.N.	College Nurse
MARY A. HULSE	Assistant Registrar
H. L. LEVIN, M.D.	Psychiatric Consultant
MARIETTA RINDONE	Assistant Manager of the Bookstore
JOHN V. WADSWORTH, M.D.	College Physician

MARY M. MAY, B.A.	Senior Stenographer
CLARA E. BAUER	Stenographer
JANE L. DiADDARIO	Stenographer
BERDENA C. DOLBERG	Stenographer
ROSEMARY FORNES	Stenographer
AGNES H. LOUCHREN	Stenographer
CATHARINE RUDULPH	Stenographer

FUNCTION OF THE COLLEGE

State Teachers College at Buffalo, established and maintained by the State of New York, is under the jurisdiction and control of the State Education Department, the Regents of the University of the State of New York, and the Commissioner of Education. Its primary function is the education of teachers for the public schools of the State. In fulfilling this purpose it endeavors to provide each student with abundant opportunities for a rich, cultural background and a wide variety of experiences insuring the development of professional knowledge, attitudes, and skills fundamental to good teaching.

Primarily, those who wish to dedicate themselves to the profession of teaching are encouraged to enroll. At the same time the College welcomes capable and well intentioned young men and women who are interested in careers other than teaching.

The curricula authorized and established for fulfilling these functions are:

1. **General Elementary**, primarily for those interested in teaching in the elementary schools of the State, in kindergarten and grades one to eight inclusive. Since seventy-two per cent of this curriculum is liberal-cultural and twenty-eight per cent is professional, it may be completed as foundation study for secondary teaching or a career other than teaching.
2. **Home Economics**, a curriculum offered for those interested in becoming Home Economics teachers in the elementary and high schools of the State.
3. **Industrial Arts**, a curriculum preparing teachers of a) Industrial Arts in the elementary and secondary schools of the State and b) Vocational and allied subjects in the vocational schools of the State.
4. **Art Education**, a curriculum preparing supervisors and teachers of Drawing and Art in the elementary and secondary schools of the State.
5. **Elementary School Principals and Supervisors**, a curriculum wherein students of the General Elementary division may qualify for the principalship or supervisorship of the elementary schools of the State.
6. **Teachers of Physically Handicapped Children**, a part of the General Elementary four year program, certifying teachers of handicapped children in the three areas of the orthopedic, the hard of hearing and sight saving. (This has been a part of the summer session program for a number of years and is to be opened to students in regular session for the first time in 1944.)

ENTRANCE REQUIREMENTS

1. A Regents Diploma or a local high school diploma granted upon the completion of a four-year course of study approved by the Commissioner of Education.
2. The completion of sixteen or more units of high school work, distributed as follows:

GROUP I

Constants required of all students:	
*English four years.....	4
American History	1
Science, ninth year.....	1
Social Studies, ninth year.....	1

* Passing of Regents examination is required.

GROUP II

Sequences in two different fields elected by the student:	
Major sequence.....	3
Minor sequence.....	2

GROUP III

Electives	4
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3. Candidates must be at least 16 years of age.
4. A weighted high school average of 72 per cent is required.
5. All candidates are required to take the matriculation examinations which will be given on a date announced to the high schools by the State Education Department.
6. Each candidate is required to present himself, at a time appointed by the college, for a personal interview, a voice test, and a physical examination.
7. All applicants for admission to the Art Education Department must request a home examination in drawing, complete the same and return as a part of the application.
8. A candidate for admission to the Industrial Arts Department should have two units of mathematics, a unit of algebra and either advanced algebra or plane geometry or the combination of solid geometry and trigonometry, and two units of science, general science or biology and either physics or chemistry or applied chemistry as a part of his 16 units of work.
9. Procedure for applying:
 - a. Secure an application form from your high school principal or by writing to the Director of Admissions, State Teachers College at Buffalo.

b. Applicant fills out first page and requests high school principal to fill out the remainder of the form and mail it to the college.

c. Applications should be filed by the first of April.

1) Applications for those who have graduated from high school should contain the complete four year record.

2) Applications for those in the last semester of their senior year should contain their three and one-half years record. Supplementary forms will be provided for the principal to submit the final semester's report when completed.

d. After applying, watch for announcement from your high school principal concerning arrangements and date for the matriculation examinations.

10. The candidate will be informed of time and place for the personal interview, speech test, and physical examination. Consideration for admission is contingent on "freedom from physical defects or diseases that would unfit the applicant for the duties of teaching".

11. Candidates desiring admission at beginning of the second semester should file their applications by the first of January. Instructions concerning the remainder of the admission requirements will follow.

12. Applicants are accepted or rejected upon the following considerations: (a) High school scholastic record; (b) Ranking in selective admission tests; (c) Health and physical examination; (d) Personal interview, including speech and diction test.

13. Candidates who are accepted for admission are expected to be present on the opening day of the college year and will not be admitted thereafter except by special permission from the Dean. If one foresees a necessity for absence from this opening session he should notify the Dean. Where such absences occur, without permission, those on the "Waiting List" will be given consideration in order of ranking. The right to impose a fee for late registration is reserved.

14. Candidates rejected who enter other institutions will not be eligible for transfer to State Teachers College at Buffalo until they have completed at least one year of work elsewhere, made a creditable record, and obtained written permission for the transfer from the college they are attending.

15. Write to the Director of Admissions for further information.

ADMISSION TO ADVANCED STANDING

Applicants for admission to advanced standing are required to file written application in the office of the Director of Admissions. In addition, the applicant must meet all general requirements, entrance tests, personal interview, and physical examination, and file an official transcript of all college work together with an honorable dismissal. An official transcript of record is one mailed directly from the college issuing it to this college. If the candidate is not admitted, the official transcript will on request be returned to the college issuing it or forwarded to another college.

Applicants transferring from other New York State Teachers Colleges are not required to take the general entrance tests. A graduate of the two or three year normal course applying for admission to the fourth year class is required to file a letter of application and have an official transcript of this record sent directly to Buffalo State Teachers College.

All candidates for the degree must complete a minimum of one year of work (32 semester hours) in residence. Therefore, candidates from other colleges offering three years of advanced standing credit are required to complete all remaining work in residence.

Extension and Summer Session credit earned in classes on the campus, as well as credit earned in the regular session, is accepted in meeting residence requirements.

Candidates are required to earn an average grade of "C" in all work completed in this college.

THE ACCELERATED PROGRAM

High school graduates who enter college in June 1944 will be able to complete the regular four years college work in three years, by June 1947. This is accomplished by taking three regular yearly sessions and three special eight-weeks summer sessions during the summers of 1944, 1945, and 1946. Thus, one may begin his teaching or enter the profession or chosen vocation a year earlier than would be possible in the regular four year program. State Scholarships may be applied toward two of the three summer sessions of this program.

Students who began this accelerated work in 1943 will be entitled to continue with their program during the summer of 1944.

If further details of this program are desired, write to the Dean of the College.

STUDENT EXPENSES

In order to insure a successful career in College it is essential that students come prepared to meet their financial obligations without undue strain upon time or energy in self-support. The average student budget covers the following items:

REQUIRED

	Per Year
Registration Fee.....	\$10.00
Blanket Tax.....	11.00
Health Examination Fee.....	2.00
Locker Fee.....	1.00
Tuition for Art Education Dept. (for each of the first 3 years).....	125.00

ESTIMATED

Books and Supplies:

For General College Department.....	\$35.00
For Art Education Department.....	45.00
For Home Economics Department.....	50.00
For Industrial Arts Department.....	35.00

Extra-Curricular Activities:

Dues and Fees.....	\$20.00
Contributions	10.00

Meals

Expenditures for lunch in the cafeteria averages 30¢ per day per student. Substantial home-cooked food is served at minimum prices for both noon-time lunch and for suppers as arranged.

RESIDENCE

	Per Week
Room and board (including 2 meals a day).....	\$11.00
Light-housekeeping accommodations.....	4.00

RESIDENCE CENTERS

Student residence centers have been selected and approved as offering the advantages of group living as well as providing attractive accommodations, facilities for study, good meals, opportunities for entertainment and supervision by a competent housemother. Each group is represented in a Non-Resident Council which assumes responsibility for the development of the many advantages which each center can promote. Certain of these residence centers have been reserved especially for the freshmen to aid in orientation and adjustment to the college program. Other centers which are open

to upper classmen are reserved for student groups to undertake meal preparation and house management cooperatively.

A list of approved residences may be obtained in the office of the Dean of Women or the office of the Acting Dean of Men. Final choice of residence must be taken from this list and kept accurately recorded in these offices. For individuals who request special arrangements, conference and approval are required. Residence is arranged for an entire year unless emergencies arise to warrant cancellation of agreement.

PART-TIME EMPLOYMENT

Opportunities for students to meet part of their expenses through part-time employment are recommended only to those who can afford time and energy for this investment or who need the work experience it affords. Not more than twenty-eight hours of such work per week are endorsed for an undergraduate carrying a full academic program. Requests for assistance in finding employment may be made in the offices of the Dean of Women or the Acting Dean of Men. For women students a number of openings are available in homes where they may assist as student helpers, giving four hours per day in return for room, board (including lunches), and transportation. Many opportunities are available for part time employment in war industries and downtown stores. Each student is required to register through his or her faculty sponsor the employment carried and to keep this record up to date.

BLANKET TAX

This is a self-imposed student tax inaugurated in 1924 and changed several times since by student vote. At present the tax is \$11.00 per year, collected by semesters. Each student is given a ticket which entitles the holder to share in all student supported activities, such as the college weekly and yearly publications, all home athletic events, the Dramatic Club plays and the Musical Clubs concerts. An extensive selection of able speakers for Assembly Programs is provided by this fund.

This tax is collected by the secretary of the fund assisted by a group of students, and is apportioned each year by a committee of four faculty members and seven students, chosen to represent classes and departments.

The President of the College is empowered to excuse any student from payment of the tax who shall present to him satisfactory proof of financial inability.

GENERAL ACADEMIC REGULATIONS

These regulations apply to all students in all departments:

Grading System

The following grades are used:

- A — Superior work
- B — Work above average
- C — Average work
- D — Work below average, but passing
- E — Failure

Inc.—Work incomplete because of excusable absence from class or final examination; may be made up subject to approval of the Dean.

Quality Point System

The following quality point system is used in determining averages:

- For each hour of A: 4 quality points
- For each hour of B: 3 quality points
- For each hour of C: 2 quality points
- For each hour of D: 1 quality point
- For each hour of E: 0 quality points

The total number of quality points divided by the total number of semester hours gives the average. When a course is repeated the second grade replaces the first.

THE DEAN'S LIST

The Dean's List is an honor roll of all students who have a semester average of B or better on a schedule of twelve semester hours or better. The list which is posted at the beginning of each semester is a compilation of the eligible students of the previous semester.

Requirement for Graduation

All students must complete the prescribed curriculum of the department in which they are registered with an average grade of C or better (a quality point average of 2.00 or better). An average grade of C is also required in Practice Teaching before a student will be recommended for graduation.

A minimum of 32 semester hours, including the last 16 hours, must be completed in resident study.

Number of Semester Hours Allowed Each Semester

No student shall be registered for more than 17 semester hours of work without written permission from the Dean. All students registering in the regular session are required to carry a minimum program of 12 semester hours.

Academic Probation

The following classes of students are subject to the operation of the probation regulations:

1. A student failing in any semester to earn an average of 1.125 shall be placed on academic probation for the following semester.
2. A student failing for two consecutive semesters to earn a "C" average shall be placed on academic probation for the following semester.

Failure to earn a "C" average or to pass all courses undertaken during a semester in which he or she is on probation shall bring the student's name before the Dean for dismissal unless he finds extenuating circumstances warranting another probation semester, to be known as "Final Probation".

Failure to earn a "C" average or to pass all courses undertaken during a semester of final probation shall result in the student's dismissal from the college.

Conditions Under Which Students Will Be Dropped

A student failing a required subject for the third time may be required to leave college.

A student failing one-half of the semester's work is dropped from the college.

A student failing to meet the requirements of the probation regulation will be dropped from the college.

Special Requests

Requests for special permission relating to academic matters such as extra hours of work, deviations from the prescribed curriculum, credit to be transferred from other institutions, special examinations, extension and summer session work, changes in program, absences, etc., are to be made to the Dean.

Special Examinations

Special examinations are given once each semester during the first month of the semester. These examinations are open to those students who have missed the regular examinations during the semester immediately preceding for good and sufficient reasons, such as illness, and who have been recommended for special examinations. Students missing regular final examinations for reasons not considered grounds for special examinations, such as mistaking the time of the examination, are frequently permitted to try the next regular examination provided the quality of their class work warrants the permission.

Application for Graduation

Students expecting to qualify for degrees in January or June of any year are required to make application in the Registrar's office for the degree by November 1st of the academic year in which they expect to graduate. Diplomas will not be ordered for students who fail to make applications. Students completing the requirements for the degree during the summer session are required to make application for the degree before the close of the summer session.

Cancellation of Courses

After the final date set for changes in schedule each semester students may cancel courses only with the permission of the Dean which must be filed in the Registrar's office. Courses may be cancelled only by the use of the official cancellation card, obtained in the Registrar's office, and students who drop courses without official cancellation will receive the grade of E in such courses.

Students will receive no credit for courses in which they are not properly registered in the Registrar's office.

Absences

1. No cuts are permitted.
2. Students whose absences from any one class do not exceed the number of times per week the class meets should arrange directly with the instructor for making up the work missed. If the absence seems to the instructor excusable, the student may be permitted to make up the work to the satisfaction of the instructor. Every unexcused absence or absence for which the work is not made up lowers the class standing of the student one letter.
3. Students whose total (not necessarily in one continuous period) absences exceed the number of times per week the class meets, but

amount to less than four weeks, must apply to the Dean for a special written permit to be presented to the instructor before the work may be made up.

4. Arrangements for making up work missed must be made with the instructor within two weeks of the student's return to the college. The Dean will not issue make-up permits after the expiration of this time limit of two weeks, and the instructor will not honor a permit unless it is presented within this limit. Makeup work must be completed within four weeks after the student's return to class.

5. Absence from a class for more than four weeks obliges a student to drop the course and repeat it another semester. An exception to this may be made by the Dean if extenuating circumstances seem to justify.

6. All students absent from college for any reason must obtain a permit before re-entering any class.

Students absent because of illness must first report to the Office of the College Nurse and then to the Registrar for the regular Permit to Class. Those absent because of reasons other than illness report directly to the Office of the Registrar for the Permit to Class.

If the absence necessitates a Make-up Permit, as explained in No. 3 above, the student must present the Nurse's or Registrar's permit to the Dean before re-entering any class.

7. Students tardy to class must obtain a Permit to Class from the Office of the Registrar before entering class.

8. Students taken ill during college hours must report to the Office of the Nurse before leaving the campus or absenting themselves from class.

Withdrawal and Honorable Dismissal

Any student who finds it necessary to withdraw from college, either permanently, or for part of a semester or year, must report immediately the fact of his withdrawal and the circumstances to the Dean and secure cancellation cards from the Registrar. Students who fail to comply with this requirement may have difficulty in securing honorable dismissal or re-admission.

Those who discontinue their college work without notice to the Dean and Registrar will receive the grade of "E" in all courses, and will be subject to the usual penalty for failure in one-half or more of the semester's work.

Transcripts of Record

Transcripts of record are not given to students, either under-graduate or graduate, but will be forwarded upon request to educational

authorities whom the students may designate. No charge is made for the first transcript, but a charge of \$1.00 is made for each additional transcript. No charge is made to men and women in the armed services.

The Registrar's office cannot ordinarily furnish transcripts of record during registration week of any semester and, because of the large number of requests, students are urged to make application for transcripts some time before the date on which they are needed.

ASSEMBLY ATTENDANCE

Attendance at assembly is considered a college appointment. Students are asked to recognize and meet this obligation with the same responsibility with which they assume class appointments.

ASSEMBLY PROGRAMS

Assembly programs, held bi-weekly, are made available by action of the Blanket Tax Committee which allocates certain funds to bring outstanding speakers and special programs before the student body. These programs cover the major interests of the college such as art, science, history, current events, music, dramatics, etc. To these outside attractions are added many programs by student groups some of which are sponsored by the Student Council, the International Relations Club, the Dramatic Club, and others.

PREPARATION FOR RURAL TEACHING

All students in the General College are required to spend one-third of their practice teaching assignment in rural schools. These schools include thirty cooperating small schools in the Buffalo area and three centralized schools. During the rural assignment the students are required to board in the community where they are practice teaching. Courses are offered in the Summer Session and through Extension to meet the needs of rural teachers in the field. For further information write Prof. Kate V. Wofford, Director of Rural Education.

CERTIFICATION OF TEACHERS OF PHYSICALLY HANDICAPPED CHILDREN

Students enrolled in the General Elementary curriculum may, while meeting the requirements for the degree, qualify for the certificate to teach physically handicapped children. The State of New York recognizes the growing demand for this special service to the public schools. Special appropriations are made to communities for

the organization of such classes. The Board of Regents has established a Department of Special Education for teachers of handicapped children at Buffalo State Teachers College. The Division of Teacher Education and Certification has authorized the college to offer the student a fifteen (15) hour program of specialized study leading to certification. Thus upon graduation the student may qualify both for the elementary school certificate and the certificate for teaching handicapped children. For further information write to the President of the College.

CERTIFICATION REQUIREMENTS FOR ELEMENTARY SCHOOL PRINCIPALS

It is possible for a student while meeting the requirements for the degree, to qualify at the same time for the Elementary School Principals Provisional Certificate. For students regularly pursuing the present curriculum this is accomplished by the addition in the Junior or Senior year of four to six elective credit hours of work in the courses of Education 440, 441, 442, 443, 444. Students offering work in these courses toward elementary principalship certification are allowed to exceed the usual limit on the total number of hours of education which may be offered for the degree. Students entering with advanced credit should confer with the Dean of the College to plan how the principalship certificate requirements may be met.

CERTIFICATION OF COLLEGE GRADUATES FOR ELEMENTARY SCHOOL TEACHING

The State Department of Education has made provision whereby graduates of a Liberal Arts college who wish to qualify for elementary school teaching may do so. Such graduates with 18 semester hours of appropriate education courses approved for secondary school teaching may qualify for general elementary school teaching upon the completion of 30 semester hours of additional study and training. This additional study may be taken at Buffalo State Teachers College. College graduates without professional training may qualify for a license to teach in the elementary schools on completion of 36 hours of work in this college. Detailed information concerning courses recommended may be secured by writing to the Dean.

KINDERGARTEN EDUCATION

Students interested in preparing for kindergarten positions will be required to complete certain specific courses, relating to organiza-

tion, equipment, and techniques suitable to children four to six years of age. Students wishing to take Kindergarten Education in Summer Session may do so, at which time six hours of credit may be obtained. This credit, however, will be recognized only beyond the number of hours required for graduation. No student will be recommended to teach kindergarten unless she has completed the prescribed work. Courses will be listed under Kindergarten Education.

VISUAL EDUCATION DIVISION

One of the major developments in modern education is the use of visual instruction techniques. State Teachers College at Buffalo is developing a program which will give its students experience in this field.

Present visual instruction facilities at the College and School of Practice are being expanded as rapidly as war conditions permit. The College already is equipped with silent and sound movie projectors, reflectoscopes, slide and film-strip projectors. A special visual instruction room is acoustically treated for clear sound reproduction. Several other rooms are equipped with dark shades and projection screens.

Because of its location in the City of Buffalo, the College is able to draw upon rich stores of visual instruction material from several institutions as well as its own permanent collection and rentals from government and commercial agencies. Through the cooperation of the Buffalo Board of Education and the Buffalo Museum of Natural Sciences one of the largest educational collections of films, slides, mounted pictures, exhibits and objects in the state is available for use in the College's teacher training program. From the Albright Art Gallery there are available for use in the class rooms actual examples of modern and historic textiles, original prints and manuscripts, excellent reproductions of famous paintings, slides, and mounted pictures.

Members of the College and School of Practice faculties use these visual instruction materials in their teaching to attain certain objectives which cannot as readily be reached through use of other means. As with other techniques, such use is explained to students. Evaluations are made of prepared visual instruction materials, and materials which the students themselves can collect or make. In order that students may be able to make the greatest use of available facilities and materials wherever they may teach, they are guided in the building of a personal file of teaching aids by clipping and mounting pictures from magazines, newspapers and advertising literature; by

collecting samples, and by making charts, drawings, and models. They are also taken on trips to the community's schools, industrial plants, courts, hospitals, fields, and water front; to the Museums and Art Galleries.

To expedite the total visual education program, a central office at the college maintains a file of the latest catalogues and listings of materials available through various commercial and public agencies. It maintains contacts with other educational institutions, government and industry to keep abreast of all new developments. Working with a faculty committee representative of all the major college divisions, it disseminates this information throughout the college and coordinates the various aspects of the college-wide program. Students at State Teachers College at Buffalo are being prepared not only by instruction but by example effectively to use visual instruction techniques and materials.

EXTRA-CURRICULAR ACTIVITIES

Emerson says that all institutions are the lengthened shadows of individuals, and the statement is true. If we could trace the history of any institution back far enough we would find its source in a human heart. The student organizations of the State Teachers College at Buffalo are no exception to this general rule. If we could arrive at the origin of each organization we would find its beginning in somebody's interest and enthusiasm. In a very real sense the organizations reflect the objectives of the student body and reveal the philosophy of the college. Through these organizations abundant opportunities are provided for social relationships, leadership training, civic responsibility, and the development of hobbies or special abilities.

PROFESSIONAL CLUBS

In a college whose primary purpose is the education of teachers, one would anticipate a large number of clubs that promote and nurture the professional spirit. There are five such clubs.

Art Education Club for students of the Art Education department is both social and professional in its program. The activities of the club include the annual bazaar or art sale, a dance, field trips and special projects. The club is a chapter of the Junior Eastern Arts Association. It endeavors to promote art experiences and appreciations and to offer a common meeting ground where both may be shared.

Association for Childhood Education is a student branch of the national association and is open to all members of the college com-

munity who are interested in early childhood education. The club organizes forums on topics related to early childhood, sponsors field trips to nursery schools and kindergartens, and encourages the participation of its members in those community activities that promote child welfare.

Home Economics Club is affiliated with the American and New York State Home Economics Associations. It is open to all home economics students. Through such activities as a "get acquainted" party, a costume bar, articles for newspapers, radio programs, and fashion shows the club provides for the development of leadership and participation in services to the college and the community.

The Rural Club is open to all students who are interested in country people and their children. The club cooperates in sponsoring the Laboratory of Instructional Materials, and promotes the interests of rural education in the college. This promotion is accomplished through speakers, forums and discussion groups which make up the programs of the club's monthly teas. Each year the club "adopts" a nearby rural school and works closely with the teacher and children on mutually helpful projects. The club is a member of the American Country Life Association.

The Future Teachers of America organized its Daniel Upton chapter to inspire professional zeal and loyalty in the student body. The chapter cooperates with other professional clubs in the celebration each year of American Education Week. Club members take an active interest in sponsoring legislation pertaining to education. It sponsors field trips to places of interest in the local community. The members of the local chapter hold membership in the New York State Teachers Association and the National Education Association.

CULTURAL INTEREST CLUBS

Organizations come into being naturally from the interest of groups of students in some aspect of their academic studies. These clubs provide a more informal outlet for such interests than can usually be afforded by the classroom.

The Art Kraft Klub develops and maintains artistic standards in the college by enhancing the beauty of surroundings, by developing arts and crafts by which creative talent may be encouraged, and by promoting an interest in art in all departments. Membership is open to all students who show an interest in art coupled with artistic talent. Each year the club awards a scholarship to a deserving student in the Art Education department.

The Foreign Language Club is open to students of all departments who have an interest in or knowledge of any foreign language, ancient or modern. Its programs afford an opportunity for expression in the form of conversation, music, games, discussions, and demonstrations of the customs and cultures of our foreign neighbors.

The International Relations Club offers exceptional opportunities to pursue an interest in current world affairs. Especially in this period it hopes to contribute to the development of world understanding in students and future teachers.

The Psychology Club, which was formed as an outgrowth of student interest in psychological experimentation, offers an opportunity to a selected group of students for research work in psychology. Besides the regular meetings there are panel discussions, lectures, and group projects.

FINE ARTS CLUBS

One of the objectives of the college is the introduction of the students to the fine arts for the purpose of stimulating their knowledge and appreciation. Regular college courses in musical and dramatic art are supplemented by clubs which afford avenues for expression in these areas.

The Dramatic Club through its Casting Hall opens tryouts for parts in plays and offers experiences in costume and scenery design, as well as participation in the construction of stage settings and scenery. At the same time opportunities are afforded for delightful social relationships. Its usual productions are plays given at Christmas and in the spring season. These plays draw in addition to an enthusiastic student audience a large attendance from the community.

Musical organizations constitute an active phase of college life. Students manifesting musical ability are eligible for membership in the following clubs: Senior Glee Club for upper classmen. Women's Junior Glee Club for freshmen, the Madrigals for informal group-singing, and the Men's Glee Club. These clubs furnish many delightful entertainments for the college and the community and are responsible for a very active interest in music among the students. This interest is focused each year on an Inter-Class Sing.

The Orchestra and Band offer similar opportunities to those with training in playing instruments. One college credit is given each year for membership in the Orchestra.

RELIGIOUS AND SOCIAL SERVICE CLUBS

Since the college is supported by State funds it is non-sectarian. This does not mean, however, that it is non-religious. All faiths find a welcome here. Through the four religious and social service clubs the students find opportunities for practicing their faiths through useful social channels.

Men's Campus Club sponsors the serious discussions of problems faced by young men in a modern world. These discussions are held at a series of informal dinners. The club also promotes a variety of athletic and social activities.

The Newman Club promotes the spiritual, intellectual and social interests of all Roman Catholic students at college. Its activities include an Apologetics class, retreats, corporate communions, lectures, and joint meetings with the Newman Club of the University of Buffalo. Dances, suppers, and roller-skating parties are the chief social activities of the club. Membership is limited to Roman Catholics but its activities are open to all students. The Newman Club is affiliated with the National Federation of College Catholic Clubs.

Non-Resident Association studies and promotes the interests of all out-of-town women in the college. Through a variety of activities, which include discussion groups, lectures, and excursions, the club attempts to assist in the adjustment of its members to a new environment.

Young Women's Christian Association is open to women of any sect, creed or denomination. It maintains religious and social activities that include lectures, discussions and round table conferences concerned with the religious and ethical life of young women. It sponsors the annual Freshman Camp for Women and engages in social welfare work in the city.

HONORARY ORGANIZATIONS

These organizations reward and stimulate superior achievement in scholarship, in professional or literary attainment, and in leadership of student affairs.

Kappa Delta Pi is Gamma Mu chapter of the national society and is the first to be granted to a teacher education institution in New York State. Members are selected from the two upper classes on the basis of general scholarship in the upper quartile in their class, indication of continued interest in the field of education and manifestation

of desirable social qualities. The chapter assisted in the development of a text-book library, and sponsors each year the observance of American Education Week.

Phi Upsilon Omicron is Mu chapter of the national fraternity. Members are selected from the upper classes in Home Economics for high scholastic record and qualities of leadership and character. Its purpose is the furtherance of home economics and the personal development of its members through such activities as contributions to the national project on Consumer Education, work in the Bureau of Instructional Materials, and cooperation with the college and home economics groups on professional activities.

Epsilon Pi Tau is the Tau chapter of the national fraternity in which membership is limited to Industrial Arts majors having an academic average in the upper half of their class. Its objectives are research, social efficiency and manipulative and teaching skill.

Sigma Upsilon is Delta chapter of the national fraternity and is the first chapter granted to a teacher-education institution. Membership is open by election to men of all departments who have shown noteworthy accomplishment in English. It encourages creative writing and an interest in literature by annual contests in the writing of stories, drama, poetry and the essay.

Nu Lambda Sigma is the women's honorary literary organization limited to twenty-five, chosen from the various literature courses on the basis of literary interest and creative effort. Its purpose is the furtherance of the study of contemporary literature, including the novel, short story, poetry and drama.

Alpha is composed of students from the two upper classes who have been outstanding in extra-curricular work. The purpose is to encourage well-directed activities, to promote high standards in existing organizations and to recognize true leadership.

FRATERNAL ORGANIZATIONS

The college recognizes the social development of its students as one of its legitimate objectives. Many of the organizations contribute to this objective in a secondary manner but for the fraternities and sororities it is their primary function, and gives to them responsibility for leadership in many social events on the college calendar. Sororities and fraternities afford opportunities for cultivating close personal friendships, which is one of the means of fostering social growth.

Six national sororities are represented by local chapters: Alpha Sigma Alpha, Alpha Sigma Tau, Delta Sigma Epsilon, Pi Kappa Sigma, Sigma Sigma Sigma and Theta Sigma Upsilon. Each of these organizations attempts to advance the professional interests of its members and also to contribute in some specific way to the general good of the entire college. Membership is by invitation after a "rush" season which provides opportunities for acquaintance and selection. The local inter-sorority governing body is the Pan-Hellenic Association. A number of the sororities maintain houses as places of residence for their members and as centers of their activities.

Three fraternities with state or national affiliations, Delta Kappa, Psi Phi, and Sigma Tau Gamma, are governed by the Inter-Fraternity Council. Their objectives are development of leadership, promotion of fellowship, and encouragement of academic success. Before the onset of the war each fraternity maintained a house providing living quarters and opportunities for social development. Each fraternity expects to continue this practice upon the return of its members from the military service.

CENTRAL GOVERNING BODY

The college accepts as one of its responsibilities the development of democratic citizens. The student council offers the medium through which students can secure practice in the techniques of living democratically in a college community.

Student Council is an advisory body making recommendations on matters of vital concern to the students and serving as a medium for the expression and organization of student opinion. It also sponsors activities and serves as a coordinator of student effort. Representation is provided for each unit of the student body by selection from this unit. Officers of the Council are elected by the student body at large.

STUDENT PUBLICATIONS

These are encouraged by the college as means of affording training in written and artistic expression, as builders of student morale and an esprit de corps, and as an enduring record of the college from one student generation to another.

The Record, the weekly paper has four general purposes; to give information, to stimulate student thinking, to elevate student conduct and scholarship and to provide a clearance center for student and faculty opinion.

The Elms, the annual yearbook, is produced by the graduating class and presents all organizations and college activities with illustrations and with a chronology of the important events of student life.

The Handbook is a pocket edition of the traditions, practices and opportunities of the college. It acquaints the student with academic requirements, procedures for student activities and comments on the opportunities available to students.

CALENDAR OF CAMPUS EVENTS

(Subject to revision for the duration)

Freshman Camp for Women.

A Junior Counselor Program.

Faculty Reception to Freshmen.

Informal Friday evening dances, sponsored by campus organizations.

Formal Prom and Balls, under the auspices of the Juniors and Seniors.

Holly Hanging Festival.

Christmas Play, given by the Dramatic Club.

Singing of the Waits and the Christmas Party.

The Y. W. C. A. Carnival.

Panhellenic Day.

School of Practice Day.

Vocational Day.

The Spring Musicale, given by Glee Clubs and Orchestra.

The Annual Spring Play, given by the Dramatic Club.

Moving-Up Day.

President's Reception to Local Board, Faculty and Graduates.

Alumni Events.

Baccalaureate, Class Day and Commencement.

THE SOCIAL CENTERS

Group meetings, teas, and entertainments are arranged in the Social Centers which have been furnished and equipped for large or small gatherings. These are open for hospitality at all times to students and faculty who wish to use their facilities for free hours between classes or to reserve them for programs and business sessions.

COLLEGE SPORTS

The Athletic Association which includes all faculty and students directs all sports in the college.

Intramural sports for men include basketball, badminton, cross-country running, soft-ball, soccer, swimming, table tennis, tennis. The college is represented in collegiate competition in basketball, soccer, swimming, tennis.

Women's sports are featured according to season with inter-class competition in archery, basketball, badminton, ping-pong, soccer, soft-ball, swimming, tennis.

Swimming is required of freshmen and sophomores and is available to juniors and seniors. An annual Red Cross Life Saving examination is given to qualified students. A regulation uniform for gymnasium activities is required of all students and is ordered through the college book store. Swimming suits are provided; a minimum pool and shower room fee is required of all men and women using such facilities.

PLACEMENT BUREAU

Services of the Placement Bureau. This bureau aims to provide the schools with teachers who will meet the needs of the community and to help graduates to secure the positions they are best prepared to fill. A faculty committee directs the policies of the bureau and works directly with students and school officials. The placement secretary assembles and keeps complete files regarding the experience, ability, and recommendations of both experienced and inexperienced candidates. She is always available to meet school officials and to arrange for interviews with department heads and students so that requests for candidates may be filled promptly and efficiently.

Harry J. Steel, Director of Training, is chairman of the faculty committee, and Mrs. Mary L. Ball is placement secretary for the bureau. This bureau is open and ready to serve both the school and the graduates of the college during twelve months of the year.

ALUMNI BUREAU

The offices of Placement Secretary and Permanent Alumni Secretary were combined at the time the Bureau made necessary the provision for some central office where membership files and records could be kept, address changes reported, and inquiries made concerning Alumni activities. At present we have over seven thousand Alumni members.

The Secretary cooperates with the Board of Editors in the publication of an Alumni Bulletin devoted to items of interest to our members.

LIBRARY FACILITIES

The college library, located on the second floor of the Administration Building, contains over 28,000 volumes and subscribes to nearly 200 periodicals in which the interests of all departments of the college are reflected. The open shelf system is used, making the entire collection, including the reserve book section, easily accessible.

An extensive pamphlet file stressing materials on the city of Buffalo and War Information is kept in the librarian's office. A special art collection of books and portfolios is also housed in the librarian's office for the specific use of the Art Education students. However, this material is available to the entire student body.

Lectures in the use of library materials are given to the Freshmen early in the college year, which are followed by further instruction in English 101. Instruction is given to upperclassmen at the request of the faculty, particularly in connection with the seminars in student teaching.

The library is open: Monday, Wednesday and Friday from 7:45 A. M. to 9:00 P. M.; Tuesday and Thursday from 7:45 A. M. to 5:30 P. M. and on Saturday from 9:00 A. M. to 3:00 P. M.

The Laboratory of Instructional Materials, adjacent to the librarian's office is sponsored by the student groups: Rural Club, Phi Omicron Upsilon and Kappa Delta Pi with the aid of a faculty committee. The Laboratory is being developed for the use of student teachers although the entire student body is free to make use of its resources. A circulating library of over 2,000 textbooks and story books, over 10,000 slides, 250 records, 10,000 pictures, 100 story book and costume dolls, and a textbook exhibit are available to student teachers. The Phi Omicron Upsilon honorary society has made available to Home Economic students a file of over 600 pamphlets on subjects pertaining to this field.

The city of Buffalo offers extensive library resources to the students and faculty. The Buffalo Public Library, the Grosvenor Library, the Art Library in the Albright Art Gallery and the Buffalo Museum of Natural Science cordially invite students to use their resources.

SCHOOL OF PRACTICE

The School of Practice, which occupies a place on the college campus, makes an important contribution to the teacher preparation program by providing facilities for observing skilled teachers at work,

participation in classroom activities and practice teaching experiences. The school enrolls approximately two hundred seventy-five children in grades from the kindergarten through the eighth. Each grade is in charge of a well qualified, competent teacher who counsels with and guides student teachers in their practical experiences in learning to teach. The school offers a complete modern curriculum with specialists in the fields of art, music, physical education, home economics and industrial arts. The New York State Syllabi for elementary grades are followed thereby approximating the curriculum content used in New York State Schools. This school also functions as host to visiting groups of teachers who come to observe good teaching practice.

OUR STATE TEACHERS COLLEGE CAMPUS

The college is housed in four buildings located so as to constitute a quadrangle after the English idea. The administrative offices, the classrooms for the College Department, the auditorium, library and cafeteria are located in the Main College Building which presents a frontage on Elmwood Avenue of 370 feet. On the south side of the quadrangle is the Vocational Building which accommodates the two vocational departments (having a 270 foot frontage in length) —the Home Economics Department and the Industrial Arts Department. Directly opposite on the north side of the quadrangle is the School of Practice, almost a duplicate in appearance of the Vocational Building, with the kindergarten and the first six grades on the ground and first floors and grades seven and eight with library and laboratories on the second floor. At the rear or on the west side of the quadrangle is the Gymnasium with a floor space 60 x 90 feet, capable of division into two smaller gymnasium floors with adequate lockers, bath rooms, and a beautifully decorated swimming pool, 75 x 25 feet.

The architectural style of the four buildings is plain Georgian Colonial which is frequently to be seen in some of the older New England colleges. The tower of the Main College Building is typically colonial and accommodates a set of "Westminster Chimes" with a clock showing illuminated dials. The portico in six stone columns with Ionic capitals, which is the feature of the front elevation of the main building, immediately commands the attention of the passerby on Elmwood Avenue.

To the north of the Gymnasium the Athletic Field is located. This includes two soccer fields, an archery range, a blacktop tennis court, handball courts, and a playground for the pupils of the School of Practice. Ample parking space is located in the rear of the Gymnasium and along Rockwell Road which marks the southern bound-

ary of the campus. A fifth structure, the President's Residence, is located north of the quadrangle.

The campus faces Delaware Park, one of the most attractive in the country. Located in the Park and across Elmwood Avenue from the college are the beautiful Albright Art Gallery and the City Historical Building, both structures having been erected in permanent form for the Pan American Exposition in 1901. These two Museums, together with the Buffalo School of Fine Arts, the McKinley Vocational School, and the State Teachers College make up an impressive educational center. Supplementing these cultural institutions the Museum of Natural Sciences, located in Humboldt Parkway, the Buffalo Public Library with its numerous branch libraries, the Grosvenor Library, one of the best reference libraries in the United States, the Studio School of the Theatre under the direction of Miss Jane Keeler, a former member of the faculty of the State Teachers College, and the new Kleinhans Music Hall offer additional educational and cultural opportunities to students registered at the State Teachers College. The Buffalo Symphony Orchestra also offers occasional concerts in the College Auditorium.

THE GENERAL ELEMENTARY CURRICULUM

The General Elementary Curriculum is for those young men and women who are interested in becoming teachers in the elementary grades. Since the State believes that an elementary teacher, to be successful, must be an educated person who has attained professional perspective as well as technical knowledge and practice, it has provided a curriculum which is approximately three-fourths general education and one-fourth professional education.

Students anticipating preparation for secondary teaching or a career other than teaching may take this curriculum. By selecting electives in a subject-matter area, they may arrange their program so that a major portion of the course can be credited toward the usual Liberal Arts program.

STATE COLLEGE
LIBRARY
BUFFALO, N. Y.

GENERAL ELEMENTARY CURRICULUM

FIRST YEAR

Course Titles	First Semester		Second Semester	
	Class	Semester	Class	Semester
	Hours	Hours	Hours	Hours
Eng. 101-102 Composition and Speech....	3	3	3	3
S. S. 101-102 History of Civilization.....	3	3	3	3
Ed. 101-102 Child Development.....	4	3	4	3
Art 101-102 Essentials of Art.....	3	2	3	2
Music 101-102 Essentials of Music.....	3	2	3	2
Math. 101 Introduction to Mathematics†..	3	3	...	...
Sci. 101 Physical Science†.....	...	...	3	3
Orientation and Library.....	1	0	...	...
Recreational Activities.....	2	0	2	0
Optional Sequence†				
Latin 101 Latin Prose Literature.....	3	3	...	...
Latin 202 Latin Poetry.....	...	...	3	3
French 101 French Prose.....	3	3	...	...
French 102 French Poetry.....	...	...	3	3
Total hours.....	22	16	22	16

SECOND YEAR

Course Titles	First Semester		Second Semester	
	Class	Semester	Class	Semester
	Hours	Hours	Hours	Hours
Eng. 201-202 Advanced Composition and Speech.....	3	3	3	3
S. S. 201-202 Contemporary Civilization...	3	3	3	3
Ed. 201-202 The Child and the Curriculum I	4	3	4	3
Sci. 201-202 Biology.....	4	3	4	3
H. Ed. 201-202* Health Education.....	3	1	3	1
Electives.....	3	3	3	3
Total hours.....	20	16	20	16

* In Health Education and Physical Education, two extra hours per week are devoted to recreational activities for which no credit is given.

† If one of the language sequences is elected Science 101 and Mathematics 101 are taken later instead of some electives.

THIRD YEAR

Course Titles	First Semester		Second Semester	
	Class	Semester	Class	Semester
	Hours	Hours	Hours	Hours
Eng. 303 English Literature.....	3	3	...	...
Eng. 304 American Literature.....	...	...	3	3
S. S. 301-302 American Civilization and Government.....	3	3	3	3
Geo. 301 General Geography I.....	3	3	...	...
Art 302 Industrial and Practical Arts.....	...	...	4	3
Ed. 301-302 The Child and the Curriculum II	5	3	4	3
Phy. Ed. 301-302* Physical Education.....	3	1	3	1
Electives.....	3	3	3	3
Total hours.....	20	16	20	16

FOURTH YEAR

Course Titles	First Semester		Second Semester	
	Class	Semester	Class	Semester
	Hours	Hours	Hours	Hours
Ed. 401 Practicum in Teaching†.....	30	15	...	...
Ed. 402 Seminar in Elementary Education..	...	...	3	3
Eng. 402 Contemporary Literature.....	...	...	3	3
S. S. 402 Sociology.....	...	...	3	3
Geo. 402 General Geography II.....	...	...	3	3
H. Ed. 402* Health Protection.....	...	...	4	2
Electives.....	...	...	3	3
Total hours.....	30	15	19	17

* In Health Education and Physical Education two extra hours per week are devoted to recreational activities for which no credit is given.

† One-half of the Junior class will take the Practicum in Teaching the second semester of the Junior year. The other half will take it in the first semester of the Senior year. The following table presents a tentative arrangement of the courses in the Junior and Senior years of our new curriculum to provide for the administration of this plan of practice teaching. This necessitates dividing our Junior and Senior classes into two divisions, a "teaching" and a "non-teaching" group for the Junior and Senior years.

THIRD YEAR

DIVISION A. (Junior Teaching Sections; includes French Majors)

Course Titles	First Semester		Second Semester	
	Class	Semester	Class	Semester
	Hours	Hours	Hours	Hours
Ed. 301-302 The Child and the Curriculum II	9	6	...	...
S. S. 301 American Civilization and Government I	3	3	...	...
Geo. 301 General Geography I	3	3	...	...
Eng. 303 English Literature	3	3	...	...
Phy. Ed. 301* Physical Education	3	1	...	...
Ed. 401 Practicum in Teaching .....	...	...	30	15
Total hours	21	16	30	15

DIVISION B. (Senior Teaching Sections; includes Latin Majors)

Course Titles	First Semester		Second Semester	
	Class	Semester	Class	Semester
	Hours	Hours	Hours	Hours
Eng. 303 English Literature .....	...	...	3	3
Eng. 304 American Literature	3	3	...	...
Art 302 Industrial and Practical Arts	4	3	...	...
Geo. 301 General Geography I .....	...	...	3	3
Ed. 301-302 The Child and the Curriculum II .....	...	...	9	6
S. S. 301-302 American Civilization and Government	3	3	3	3
Phy. Ed. 301-302* Physical Education	3	1	3	1
Electives	6	6	...	...
Total hours	19	16	21	16

* In Health Education and Physical Education, two extra hours per week are devoted to recreational activities for which no credit is given.

FOURTH YEAR

DIVISION A. (Junior Teaching Sections; includes French Majors)

Course Titles	First Semester		Second Semester	
	Class	Semester	Class	Semester
	Hours	Hours	Hours	Hours
Ed. 402 Seminar in Elementary Education ..	3	3	...	...
Eng. 402 Contemporary Literature	3	3	...	...
S. S. 402 Sociology	3	3	...	...
Geo. 402 General Geography II	3	3	...	...
H. Ed. 402* Health Protection	4	2	...	...
Eng. 304 American Literature .....	...	...	3	3
Art 302 Industrial and Practical Arts .....	...	...	4	3
S. S. 302 American Civilization and Government II .....	...	...	3	3
Phy. Ed. 302 Physical Education* .....	...	...	3	1
Electives	3	3	6	6
Total hours	19	17	19	16

DIVISION B. (Senior Teaching Sections; includes Latin Majors)

Course Titles	First Semester		Second Semester	
	Class	Semester	Class	Semester
	Hours	Hours	Hours	Hours
Ed. 401 Practicum in Teaching	30	15	...	...
Ed. 402 Seminar in Elementary Education ..	...	...	3	3
Eng. 402 Contemporary Literature .....	...	...	3	3
S. S. 402 Sociology .....	...	...	3	3
Geo. 402 General Geography II .....	...	...	3	3
H. Ed. 402* Health Protection .....	...	...	4	2
Electives .....	...	...	3	3
Total hours	30	15	19	17

* In Health Education and Physical Education, two extra hours per week are devoted to recreational activities for which no credit is given.

COURSES OF INSTRUCTION

Numbering System

The present system of numbering courses makes it possible to list or refer to courses more concisely. The numbers are all three-figure numbers. The first figure of the number indicates the year of the curriculum in which the course primarily belongs. Variation from the year indicated in the catalog should not exceed one year and that only with permission.

Elective Courses

The tabular view which appears above describes all of the required courses of the General Elementary program. It will be observed that provision is made for a total of fifteen hours of elective work to be selected during the sophomore, junior, and senior years. Tentative elective courses are offered by each department of the college. Changes may be necessary in accordance with changing demands. Students interested in any special field should consult, no later than the beginning of their sophomore year, their advisers and the head of the department concerned relative to their choice of electives.

ART FOR GENERAL ELEMENTARY CURRICULUM

By the faculty of the Art Education Department. For descriptions of these courses see Art Education Department, p. 80

Art 101-102. Essentials of Art.

Art 201. Art in Every Day Life.

Art 301-302. History of Art I and II.

Art. 421. Art Appreciation.

Art 423. Fine and Functional Arts.

EDUCATION

Professors Hertzberg, Allen, Crayton, Pugsley, Sloan, Steel, Wofford; Assistant Professors Quayle, Summers; Mr. Bruce.

101-102. **Child development.** Aims to develop a scientific attitude toward the study and interpretation of human behavior. Discussion of effective study habits for college students; problems and methods of child study; foundations of behavior; individual differences; physical, mental, emotional and social development at different ages; effect of home, community and the school on the growth and development of children; study of personality development. A minimum of eight double periods each semester will be devoted to directed observation. Required of all General Elementary Freshmen. Also required of all Art Education and Home Economics Freshmen, and of Industrial Arts Sophomores, with suitable adaptations including special emphasis on theories of learning; factors affecting learning; course of improvement in learning; aids to effective learning and the transfer of training. Three hours per week; one hour additional when observing. Each semester. Credit: six semester hours.

201-202. **The Child and the Curriculum I.** Topics: Scope of the elementary school; sociological background of the school; nature and meaning of the curriculum; objectives of elementary education; curriculum sources; guides to the areas of curriculum content; theoretical explanations of child learning; physiological and psychological factors affecting learning; course of improvement in learning; aids to effective learning; transfer of training; the teaching of reading. A minimum of eight double periods of directed observation in the elementary school during the first semester. One double period each week will be devoted to participation during the second semester. Required of all General Elementary Sophomores.

Prerequisite: Ed. 101-102. Three hours per week; one additional hour when observing. Each semester. Credit: six semester hours.

301-302. **The Child and the Curriculum II.** A prerequisite to practice teaching. Activities include observation, classroom participation, class discussion and conferences with instructors. Units provide for (1) introducing the participant to the teacher pupil relationships, (2) experience in selecting, organizing and presenting the materials of instruction in various school subjects and on different grade levels and (3) methods of evaluating pupil progress. Required of all General Elementary Juniors. Prerequisites: Ed. 101-102, Ed. 201-202. Nine hours per week. Each semester. Credit: six semester hours.

401. **Practicum in Teaching.** A combined course of teaching under supervision and conferences on teaching problems. Students teach four days each week and attend conferences at the college on the fifth day. Both the practice and the theory of lesson planning, class and individual instruction, classroom management, program-making, records of attendance and achievement, diagnostic and achievement testing, remedial teaching as they relate to the growth and development of children are studied.

Prerequisites: A passing grade in Oral English, a grade of "C" in Education 301-2 and a cumulative average grade of "C" in all previous college work. Required in the second semester of the junior year or in the first semester of the senior year. An average rating of "C" is necessary to complete this course satisfactorily. Thirty (30) hours of teaching and conferences each week. Each semester. Credit: fifteen semester hours.

Ed. 485. **Reading Clinic.** Clinical diagnosis of acute reading problems by use of telebinocular, ophthalmograph, Durell Reading Analysis, and Gates diagnostic procedure. Remedial measures and materials as determined by the conditions revealed by the diagnosis. Elective for those who have an average of B or better in Practice Teaching. Each semester. Credit: two or three semester hours

PRACTICE TEACHING FACILITIES

Opportunities for practice teaching are afforded by the following types of schools:

1. The School of Practice, the campus school, which includes the grades from the kindergarten through the eighth. The instruction given by the staff is supplemented by that given by college specialists in the fields of art, music, physical education, home economics, and industrial arts, mathematics, and history. The school has a reputation for modern educational policies and procedures and for excellent care of its pupils. As a result, the school has a waiting list of applicants for admission.

2. Public School No. 52, a large elementary school on Bird Avenue with a cosmopolitan group of children and a staff of teachers selected for the work of developing student teachers in understanding of children and education procedures.

3. A large number of individual rooms in cities and villages whose teachers are unusually competent and willing to direct student teachers.

4. Rural Schools, both one or two room, and central schools whose teachers are likewise fitted by ability and temperament to direct student teachers.

402. **Seminar in Elementary Education.** An attempt to guide the student to summarize the experiences of the education sequence and to focus these experiences on the understanding of the professional character of teaching. Major topics: some guiding conceptions of the teacher; the status of teaching as a profession; special problems of the classroom teacher in the state of New York; the professional responsibilities of the teacher in our constitutional democracy. Required of all General Elementary Seniors. Prerequisites: Ed. 101-102, 201-202, 301-302. Each semester. Credit: three semester hours.

COURSES IN PRINCIPALSHIP

440. **Elementary School Principalship A. Organizing the School and the Curriculum.** Planning the curriculum and general organization; organizing the use of all school facilities and services; classification and promotion. Course A may precede or follow course B. Elective for General Elementary Juniors and Seniors. First semester. Credit: three semester hours.

441. **Elementary School Principal B. Operation of the Elementary School.** Problems in School Board relations; school finance; equipment and supplies; records; pupil adjustments; community relations. Elective for General Elementary Juniors and Seniors. Second semester. Credit: three semester hours.

442. **Supervision of the Elementary School A. Leadership of Teachers.** Administrative and supervisory relations; procedures in classroom supervision; problems in the improvement of teaching and learning. Course A may precede or follow course B. Elective for General Elementary Juniors and Seniors. First semester. Credit: three semester hours.

443. **Supervision of the Elementary School B. Evaluation of the Elementary School.** Evaluating the effectiveness of the school plant and organization; measuring pupil progress; age-grade status; acceleration and retardation. Field activities. Elective for General Elementary Juniors and Seniors. Four to five hours per week. Second semester. Credit: two semester hours.

444. **General School Administration.** National, state and local organization of education; district, township and county units; boards of education; school services; teacher selection and tenure; school buildings. Elective for General Elementary Juniors and Seniors. Offered occasionally. Credit: three semester hours.

KINDERGARTEN EDUCATION

All students, upon graduation, will be eligible to teach in all grades of the elementary school. Those who wish to specialize in work with young children will be required, in addition to Ed. 301 and 302, to take a seminar in Kindergarten Education. The description of the seminar follows. Further requirements for this specialization include Children's Literature and one elective course in science.

Seminar in Kindergarten Education. PART I. The place of the kindergarten as an integral part of elementary education will be considered. The seminar will provide for discussion and evaluation of special organization, materials, techniques, procedures and equipment that are significant in the growth and progress of four and a half to six year old children. Appreciation of child-parent-community relationships for this age level is also given attention. Prerequisite to practice teaching. Parallels Ed. 301-302. Special effort is made to have one assignment of participation held in a kindergarten situation. First semester. Two hours per week. No credit.

PART II. Considers the major problems growing out of practice teaching experiences. Parallels student teaching. One assignment is in a kindergarten situation, during which time the group meets two hours per week. Second semester. No credit.

Science. Preferably Botany or Zoology, but other science courses may be substituted upon approval. Consult section on Science.

Eng. 210. **Children's Literature.** Consult section on English.

ENGLISH

Professor Thurber; Assistant Professors Mulholland, Goossen, Summers; Mr. Grabau, Mr. Crain, Mr. Holman, Mrs. Ganey.

101. **Written Composition.** A thorough training in the fundamentals of language and usage as a preparation for efficiency in logical writing and thinking. Attempts to develop intelligent criticism and literary effectiveness. Study of examples: weekly themes; preparation of term paper. Required of all Freshmen. Each semester. Credit: three semester hours.

201. **Advanced Composition.** Additional study of language usage and further practice in writing to develop critical thinking and literary effectiveness. Required of all Sophomores. Each semester. Credit: three semester hours.

201-202. (Old Curriculum) **Survey of Literature.** A study of English literature from the beginnings to the modern period. Includes the reading of several plays and a study of some contemporary American and English writers. Required of all Art Education Sophomores. Credit: six semester hours.

102. **Fundamentals of Speech.** Study of voice, diction and general principles of reading and speaking. Student participation in simple speaking situations. Voice recordings at beginning and end of term. Required of all Freshmen. Each semester. Credit: three semester hours.

202. **Advanced Oral Composition.** Study and application of the working principles and methods of discussion and public speaking. Both content and delivery considered. Psychology of audience-speaker relationship presented. Required of all Sophomores. Each semester. Credit: three semester hours.

203. **Recent Drama.** The drama from Ibsen to the present. Among others: Ibsen, Strindberg, Chekov, Galsworthy, O'Neill, Barrie, and Howard will be studied. Sophomore Elective. Credit: three semester hours.

210. **Children's Literature.** Study of the types of Children's Literature, Reading and discussion of folk lore, modern informative material, fiction, biography and poetry. Attention is given to principles of book selection, illustrations,

format of books, reading interests of children, story telling, and preparation of bibliography. Elective for Sophomores, Juniors and Seniors. Each semester. Credit: three semester hours.

301. Play Production. Elements of production, play analysis, character interpretation, preparation of the director's book, casting, rehearsals; student direction or participation in performances; dramatization of children's literature. Elective for Juniors and Seniors. Credit: three semester hours.

303. English Literature. A study of the prose and poetry of the significant English writers from the beginnings through the Victorian period. Required of General Elementary, Home Economics, and Industrial Arts Juniors. Each semester. Credit: three semester hours.

304. American Literature. Includes the outstanding writing in our country from colonial to recent days—Edwards, Franklin, Emerson, Thoreau, Hawthorne, Poe, Whitman to Emily Dickinson. Required of General Elementary Juniors. Each semester. Credit: three semester hours.

401. The Drama. A survey of the drama from Aeschylus to Goethe. Readings include early English, Elizabethan and Restoration comedies and tragedies; translations of Greek, Roman, French and German plays. Elective for Juniors and Seniors. Credit: three semester hours.

402. Contemporary Literature. Poetry, drama, fiction, and essays appearing since Victorian times. Required of General Elementary Seniors. Each semester. Credit: three semester hours.

405. The Essay. Survey of the essay; historical background; development of types and their influence on public opinion. Includes major essayists from 16th century through the Victorian period. Montaigne, Bacon, Swift, Addison, Steele, Johnson, Goldsmith, Lamb, Carlyle, Ruskin, Arnold, and Stevenson. Elective for Juniors and Seniors. Credit: three semester hours.

406. The Novel. A survey of the novel in English beginning with Jane Austen and extending to Virginia Woolf. This will include an examination of the great key novels of the nineteenth century both as works of art and as reflections of the social interests of the time. Elective for Juniors and Seniors. Credit: three semester hours.

407. Romantic Movement in Literature. (1798–1832). A careful study of the poetry and prose of this important period, paying particular attention to the works of Wordsworth, Coleridge, Lamb, Scott, Byron, Shelley, and Keats, together with those of the minor authors. The critics of the period are considered and the development of the magazines is noted. An attempt is made to reveal the spirit of Romanticism, thereby interpreting phases of contemporary thought. Elective for Sophomores. Credit: three semester hours.

408. Short Stories. With a few representative novels. Selections from Poe, Kipling, Bret Harte, O. Henry, Thomas Hardy, Samuel Butler and other significant writers. Elective for Juniors or Seniors. Credit: three semester hours.

415. Shakespeare I. Intensive study of representative plays including King Lear, Othello, A Winter's Tale, Twelfth Night, together with outside reading from the histories and comedies. Elective for Juniors or Seniors. First semester. Credit: three semester hours.

416. Shakespeare II. A similar handling of another group of plays, including Hamlet, The Tempest, Anthony and Cleopatra, Romeo and Juliet, together with outside reading of histories and comedies. Elective for Juniors or Seniors. Second semester. Credit: three semester hours.

418. Choral Speaking. Presentation and adaptation of suitable material for the speech choir; study of the various types of choric arrangements; part voice and diction play in the choir; opportunity for experience in directing; possibilities offered in choric drama. Elective for Juniors and Seniors. Credit: two semester hours.

422. Victorian Literature. (1832–1890). The poetry and prose of this rapidly expanding era. An analysis of the various forces finding new expression in science, religion, industry and social customs. The works of Tennyson, Browning, Carlyle, Ruskin, Arnold, Newman, and other major and minor authors. Elective for Juniors and Seniors. Credit: three semester hours.

431. Milton. A study of the poetry and prose of John Milton, with emphasis upon *Paradise Lost*. Elective for Juniors and Seniors. Credit: three semester hours.

432. Criticism. An investigation of the more influential critical theories and critical approaches to literature from Plato and Aristotle to the present. Elective for Juniors and Seniors. Credit: three semester hours.

FOREIGN LANGUAGE AND LITERATURE

Professor Messner

The program in foreign languages is entirely elective. The first courses in Latin or French require a minimum of two years of study in high school. Students are advised to elect Latin or French in their freshman year and are then expected to complete at least six semester hours before discontinuing.

LATIN

101. Latin Prose Readings. Reading from such writers of Latin prose as Aulus Gellius, Nepos, Sallust, or Livy. First semester, each year. Credit: three semester hours.

102. Reading of the Eclogues of Virgil, selections from Ovid, Catullus, or Martial. Attention to principles of Latin meter. Second semester, each year. Credit: three semester hours.

201. Silver Age Prose. Reading of Pliny's letters and the *Agricola* or *Germania* of Tacitus. Prerequisite: Latin 101 and 102. First semester, 1944. Credit: three semester hours.

202. Horace. Reading of selections from the Odes, Epodes, Satires and Epistles. Study of Horace in his relation to his age. Prerequisite: Latin 101 and 102. First semester, 1945. Credit: three semester hours.

301. Latin Drama. Reading of representative comedies of Plautus and Terence. Studies in the technique of the Roman theatre. Prerequisite: Latin 201 or 202. Second semester, 1944. Credit: three semester hours.

302. **Roman Life.** Major aspects of the private and public life of the Romans. Open without Latin prerequisite to students of the social studies. Given in summer session and at other times upon sufficient demand. Credit: three semester hours.

401. **Mediaeval Latin.** Reading of selections from all types of Latin literature of the Middle Ages. Study of its relation to literature in the modern vernaculars. Prerequisite: Latin 201 or 202. Credit: three semester hours.

402. **Latin Prose Composition.** Basic principles of the Latin language with copious writing of Latin. Prerequisites: Latin 201 or 202. Credit: three semester hours.

404. **Readings from Roman Philosophy.** Selected portions of Cicero's *De Officiis*, Lucretius' *De Rerum Natura*, and Seneca's *Essays*. Prerequisite: Latin 201 or 202. Second semester, 1945. Credit: three semester hours.

FRENCH

101. **French Prose Readings.** Reading of short stories, longer narrative, technical prose. Grammar review and composition conducted on the laboratory or workshop basis. First semester, each year. Credit: three semester hours.

102. **French Plays and Poetry.** Reading of recent French plays and selected poems. Grammar review and composition continued. Second semester, each year. Credit: three semester hours.

201. **Masterpieces of French Literature.** Reading of selected masterpieces from all periods of French literature. Prerequisite: French 101 and 102. Second semester, each year. Credit three semester hours.

202. **French Civilization.** Contributions of France to present-day civilization. Chief aspects of contemporary French life. Open without French prerequisite to students of the social studies. Given in summer session and at other times on demand. Credit: three semester hours.

301. **Classical French Drama.** Reading of the best plays of Corneille, Molière and Racine. Prerequisite: French 201. First semester, 1945. Credit: three semester hours.

302. **Modern French Drama.** Reading of plays which illustrate Romanticism, Realism and Symbolism in 19th century French drama. Prerequisite: French 201. First semester, 1946. Credit: three semester hours.

401. **Contemporary French Literature.** Chief literary trends and major authors of the last half-century. Prerequisite: French 201. Credit: three semester hours.

402. **French Composition and Conversation.** Daily practice in writing and speaking French. Class conducted entirely in French. Prerequisite: French 201. First semester 1944. Credit: three semester hours.

404. **French Novel.** Reading of representative French novels from the 17th through the 19th century. Prerequisite: French 201. Credit: three semester hours.

GENERAL LITERATURE

These courses offered in English translation are open without foreign language prerequisite to juniors and seniors of all departments.

419. **Greek Literature.** First semester, 1945. Credit: three semester hours.

420. **Latin Literature.** Second semester, 1946. Credit: three semester hours.

421. **Masterpieces of the Middle Ages.** First semester, 1944. Credit: three semester hours.

422. **Masterpieces of the Renaissance and Classicism.** Second semester, 1945. Credit: three semester hours.

423. **Masterpieces of the Nineteenth Century.** Summer session and extension. Credit: three semester hours.

GENERAL LANGUAGE

200. A non-technical treatment of such topics as the origin of language, language families and their relationships, alphabets and the history of writing, word formation, changes in the form and meaning of words, the history of English in its relation to Latin and the modern languages. No foreign language prerequisite. Elective for sophomores. Credit: three semester hours.

GEOGRAPHY

Assistant Professor Whittemore; Miss Svec.

Students who wish to elect a sequence in geography may begin such a sequence in their second year. The courses are recommended as follows:

301. **General Geography I.**

302. **Geography of North America.**

402. **General Geography II.**

403. **Geography of Europe.**

or any other third or fourth year elective.

REQUIRED

301. **General Geography I.** A study of the relationships between the physical environment and man and his activities, with emphasis on the factors of relief, climate, soils, water resources. Exercises give experience with various types of maps and other tools of geographic study. Required of General Elementary Juniors. Each semester. Credit: three semester hours.

402. **General Geography II.** A continuation of Geography 301 with emphasis on the agricultural, industrial, and commercial aspects of geography. Topics are related to current affairs. Required of General Elementary Seniors. Each semester. Prerequisite: Geog. 301. Credit: three semester hours.

ELECTIVE

The following elective courses are not offered each year but are arranged so that each is usually given within a cycle of two years.

302. Geography of North America. A description of the physical environment of each region followed by discussion of the changing adjustments that man has made to this environment and the present pattern of human occupancy. Sophomore elective. Prerequisite: Geog. 301. Credit: three semester hours.

Meteorology. See Science 420.

303. Climatology. The controls that determine the character of the world's climates. The climatic types and their distribution over the world, their characteristics, and their relation to plant and animal life, to physiographic processes, and to man and his activities. The interpretation and the graphic representation of climatic data. Junior-senior elective. Prerequisite: Geog. 301. Credit: three semester hours.

304. Map Interpretation. Consideration of the several types of map projections with emphasis upon those used most frequently in navigation and geographic study. Study of detailed large scale maps. Topics include map orientation, location, use of coordinates, distance, and scale. Reading of topographic maps to solve problems of relief, slope, and visibility. Field trips. Junior-senior elective. No prerequisite. Credit: two semester hours.

401. Geography of South America. A regional study with the emphasis upon the adjustments of the people to the physical background of each region. International trade relations and their backgrounds of natural resources and economic development. Junior-senior elective. Prerequisite: Geog. 301. Credit: three semester hours.

403. Geography of Europe. A study of the physiographic regions and related human use regions; of the conflict between these and man-made political divisions as part of the geographic background of current events. Junior-senior elective. Prerequisite: Geog. 301. Credit: three semester hours.

404. Physiography. (Physical Geology I) A study of the evolution of the physical features of the earth's surface and the forces that have produced them. Illustrations from the local area introduced through lectures and field trips. Laboratory work in the interpretation of the physical landscape through contour maps. Junior-senior elective. No prerequisite. Credit: three semester hours.

405. Geography of Asia. A general survey of the continent followed by detailed treatment of the areas of greatest importance. The physical background of each region is studied in its relation to past and present economic developments and to the current political situation. Junior-senior elective. Prerequisite: Geog. 301. Credit: three semester hours.

406. Geography of New York State. A study of the relation of physical factors to the location and character of colonial settlement, the spread of population over the state, the development of transportation and industry, and the growth of cities. Experience in research and field work. Junior-senior elective. Prerequisite: Geog. 301. Credit: three semester hours.

407. Conservation of Natural Resources. A survey of the extent, distribution, and condition of the major natural resources of the United States and the aims and accomplishments of the conservation movement. Junior-senior elective. Prerequisite: Geog. 301. Credit: three semester hours.

SUMMER SESSION COURSES

Courses offered in summer sessions are selected from those listed above as well as from the additional courses listed below.

408. Geography of Latin America. (Students may not receive credit in both Geog. 401 and Geog. 408)

409. Geography of the Far East. (Students may not receive credit in both Geog. 405 and Geog. 409)

410. The Colonial Possessions of the United States.

HEALTH AND PHYSICAL EDUCATION

Professor Houston, Miss Roach, Miss Frech, Miss Frost, Mr. Rogers.

201-202. Health Education. Functional hygiene to assist the student in maintaining good health. Required of General Elementary and Art Education Sophomores. One hour per week. Both semesters. Credit: one semester hour.

301-302. Physical Education. Principles of physical education; subject matter and skills basic to activities required in the elementary school program of physical education. Required of General Elementary Juniors. Prerequisite: Health Education 201-202. Two hours per week. Both semesters. Credit: one semester hour.

402. Health Protection. School and community health problems; school health service; 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. Two hours per week. Each semester. Credit: two semester hours.

Recreational Activities. Students are registered in class groups for a wide range of indoor and outdoor activities, such as: archery, badminton, deck tennis, folk dancing, quoits, rhythms, soccer, shuffle board, swimming, table tennis, tennis, volley ball, winter sports; in addition, boxing, wrestling and commando obstacle course for the men. Required of first, second, third and fourth year General Elementary students; of first and second year Home Economic students; of first year Art Education students. Two hours per week. In meeting the first and second years of this requirement, the student registers in one hour of swimming per week.

HOME ECONOMICS

(Electives for students in other departments)

410. Clothing. Problems of individual interest in textiles, clothing selection, buying, care, repair, restyling and construction. Elective for students not majoring in Home Economics. Three or four hours per week. Either semester. Credit: Two or three semester hours.

411. Foods and Nutrition. Selection and preparation of well balanced meals for school children, light housekeeping units, and family groups at varied levels of income. Laboratory work to give an understanding of basic food procedures, standards of products, serving of food. Elective for students not majoring in Home Economics. Three or four hours per week. Either semester. Credit: Two or three semester hours.

412. Family Relationships. Discussion of the psychological problems of marriage and family life in the world today, and the teaching of family relationships in secondary schools. Observation of parent study groups, staff meetings of guidance clinics and community organizations dealing with family problems. Elective for Seniors not majoring in Home Economics. Two hours per week. Each semester. Credit: Two semester hours.

MATHEMATICS

Professor Ebert, Dr. Johnson.

101. Introduction Mathematics. Development and classification of numbers, formulas, equations, graphs, functions, the way of geometry, finance and investment, mathematics as a useful growing science. Required of General Elementary Freshmen. Each semester. Credit: three semester hours.

201. College Algebra. Functionality, variation, progressions, complex numbers, mathematical induction, theory of equations, logarithms, permutations, combinations, probability, annuities, partial fractions, determinants, infinite series. Sophomore elective. First semester. Credit: three semester hours.

202. Plane Trigonometry. Functions of acute angles, solution of right triangles, application of logarithms, functions of any angles, oblique triangles, identities, graphs of the functions, inverse functions, trigonometric equations, DeMoivre's Theorem, miscellaneous problems. Sophomore elective. Second semester. Credit: three semester hours.

301. Plane Analytics. Algebraic geometry of the straight line, the circle, parabola, ellipse, hyperbola, general equation of the second degree, translation and rotation of axes, general loci, rectangular and polar coordinates. Junior-Senior elective. Prerequisites: College Algebra and Plane Trigonometry. First semester. Credit: three semester hours.

302. Solid Geometry. Lines and planes in space, dihedral and polyhedral angles, prisms and cylinders, pyramids and cones, spheres, general polyhedrons, illustrative problems and originals. Junior-Senior elective. Second semester. Credit: three semester hours.

402. History of Mathematics. General chronological study of the development of elementary mathematics, national achievements, achievements of ages or periods, biographies, modern critiques. Senior elective. Prerequisites: College Algebra, Plane Trigonometry and Plane analytics. Second semester. Credit: three semester hours.

403. Differential Calculus. Variables, functions, limits, the derivative and its meanings, differentiation of algebraic and transcendental functions, maxima and minima, successive differentiation, differentials, partial derivatives, applications and problems. Senior elective. Prerequisites: College Algebra, Plane Trigonometry, and Plane Analytics. First semester. Credit: three semester hours.

404. Integral Calculus. Integrations, rules for integrating standard elementary forms, constant of integration, the definite integral, integration as a process of summation, substitutions and devices for formal integration, multiple integrals, applications and problems. Senior elective. Prerequisites: College Algebra, Plane Trigonometry, Plane Analytics, and Differential Calculus. Second semester. Credit: three semester hours.

MUSIC

Professor Boyd; Miss McMahon, Mr. Coghill.

101-102. Essentials of Music. A general course to develop sensitivity to music. Includes a basic study of the vital elements of music—rhythmic, melodic, and harmonic—through sight-singing, ear-training, writing and playing. Required of General Elementary Freshmen. Three hours per week. Both semesters. Credit: four semester hours.

201. Music in Civilization. An investigation of music in general culture. Musical growth in relation to the changing civilization. Aims to increase the student's appreciation of music. Sophomore elective. Prerequisite: Music 101-102. First semester. Credit: three semester hours.

202. Music Literature. A study of standard musical literature. Current musical events. Required listening to radio or local concerts. Sophomore elective. Open to advanced credit students who need credit for Music Appreciation. Prerequisites: Music 101-102, 201. Second semester. Credit: three semester hours.

303. Voice Culture and Repertory. Vocalises, repertoire and program making. A study of diction, breath control, tone coloring and other voice problems recognized. Junior-Senior elective. Prerequisite: Music 101-102. Each semester. Credit: three semester hours.

403. Workshop in the Structure of Music. A practical study of the construction of music through melodic and harmonic writing. Analysis of various styles and techniques. Ear training and keyboard harmony are stressed along with some creative writing. Elective for Juniors and Seniors. Prerequisite: Music 101-102 or equivalent and some knowledge of the keyboard. First semester. Credit: three semester hours.

404. The Art of Enjoying Music. An inquiry into the field of Music with specific application to the advanced aesthetics of music. Junior-Senior elective. Prerequisite: Music 101-102. Each semester. Credit: three semester hours.

407. Contemporary Trends in Music. An overview of creative musical expression in the present day with emphasis on living composers. The effect of the World War I period on the composition of music and post war experiments. "New Music"—Intellectual freedom and new idioms of expression—the coming age of American composition. Music and the present war-music and morale. Elective for Juniors and Seniors. Prerequisite: Music 101-102 or equivalent. Second semester. Credit: three semester hours.

ORIENTATION

Dean Reed

This non-credit course is required of all freshmen in the first semester. It includes discussion of social practices; educational and professional adjustments; college requirements in study and library skills; personal requisites in etiquette, correspondence and attire; group management in entertainments, business sessions or forum leadership; development of student opinion and participation in activities to promote social competence and personal influence.

SCIENCE

Assistant Professors Gemmill and Fretz; Mr. Vail, Miss Dupre, Mr. Roesser (on leave), Miss Schrader and Miss Di Marco.

101. Physical Science. A survey of the physical sciences; astronomy, earth science, energy and constitution of matter (Physics and Chemistry). Required of all General Elementary Freshmen. Each semester. Credit: three semester hours.

101-102. Art Ed. Biology. A cultural survey of the facts, principles, and theories of the science of living things; stressing structure, function, classification, reproduction, heredity, and evolution. Required of all Art Education Freshmen. Both semesters. Credit: six semester hours.

123. Bacteriology. Study of morphology, distribution and relative importance of bacteria, yeasts and molds and their relations to the household. Required of all Home Economics Freshmen. Four hours per week including laboratory. First semester. Credit: three semester hours.

124. Human Physiology and Hygiene. Study of anatomy and physiology of the human body as related to the practices of personal hygiene; study of health problems of the individual family and community. Required of all Home Economics Freshmen. Prerequisites: Science 123. Four hours per week, including two-hour laboratory and field period. Second semester. Credit: three semester hours.

201-202. Biology. The facts, principles and theories of the science related to the structure, physiology and ecology of plants and animals. Lectures, laboratory and demonstrations. Required of all General Elementary Sophomores. Four hours per week including laboratory. Both semesters. Credit: six semester hours.

201-202. Art. Ed. Physical Science. A survey of the physical sciences contributing to a cultural understanding of astronomy, earth science, energy and the constitution of matter (Physics and Chemistry) with applications to the materials of Art. Required of Art Education Juniors. Both semesters. Credit: four semester hours.

203-204. Physics. General College Physics covering mechanics, heat, sound, light and electricity. The fundamentals of the nature, behavior and transformations of energy and its effects upon our environment are taught. Elective for General Elementary Juniors and Seniors. Four hours per week including laboratory. Both semesters. Credit: six semester hours.

205-206. Ind. Arts Physics. Elementary Mechanics, Hydrostatics, Pneumatics, Motion and Power, Heat, Electricity, Sound and Light, and Strength of Materials, Solution of problems such as in force by the experimental, graphical, and analytical methods; experiments, with hydraulic jacks, compressed air, acceleration, and kinetic energy apparatus, centrifugal force apparatus, mechanical equivalent of heat apparatus. Required of all Industrial Arts sophomores. Four hours per week. Both semesters. Credit: six semester hours.

224. H. E. Physical Science. Survey course including the origin and structure of the solar system; important developments in past and present structure and physical history of the earth; matter and energy changes and man's increasing control of his environment. Required of all Home Economics Sophomores. Four hours per week including laboratory. First semester. Credit: three semester hours.

225. Inorganic Chemistry. Includes historical backgrounds, oxidation, reduction, acids, bases, salts, chemical arithmetic, halogens, gas laws, solutions, ionizations, nature of matter, atomic structure, and the new theories of valence. Attention given to problems in the field of Home Economics as bleaching, acids, and bases in relation to food preparation, and baking powders. Required of Home Economics Sophomores. Four hours per week including laboratory. Credit: three semester hours.

301-302. Inorganic Chemistry. A course to give the student an understanding of the chemical nature of the materials of industrial arts. Fundamentals are treated during the first semester. This is followed by application to the study of paint, paper, wood, plastics, soap, heat-treating, coloring and etching of metals, electroplating, and allied processes. Required of all Industrial Arts Juniors. Four hours per week including laboratory. Both semesters. Credit: six semester hours.

Physical Geology. See Geography 303.

303-304. Inorganic Chemistry. General college chemistry below the lower level of Physical Science. Lectures, demonstrations, laboratory. Elective for General Elementary Juniors and Seniors. Prerequisite: Science 101. Four hours per week including laboratory. Both semesters. Credit: six semester hours.

305. Zoology. Study of the structure and physiology of a series of animal types that illustrate the stages of evolution of animal life; adaptations and adjustments to changing environmental factors. Elective for General Elementary Sophomores and Juniors. Four hours per week including laboratory. First semester. Credit: three semester hours.

306. Botany. Study of structure and physiology of various types of plants to illustrate different stages in evolution of plant life. Laboratory exercises, experiments, museum trips, demonstrations, selective readings. Elective for General Elementary Sophomores and Juniors. Four hours per week including laboratory. Second semester. Credit: three semester hours.

323-324. Chemistry of the Household. Study of carbohydrates, lipids, proteins, minerals and vitamins in relation to food composition, cooking processes and metabolism; study of chemistry of textile fibers and processes; chemistry of metallic reactions, their uses and applications to the household. Required of all Home Economics Juniors. Prerequisites: Science 123-124 and Science 224-225. Four hours per week including laboratory. Both semesters. Credit: six semester hours.

401. Genetics. The facts, laws and principles of heredity. Lectures, demonstrations and individual studies of genetic problems. Elective for General Elementary Juniors and Seniors. Prerequisites: Biology 201-202 or H. E. Biology 223. Each semester. Credit: three semester hours.

402. Geology. A chronological presentation of the results achieved by geologic processes during past ages including life and activity in the various eras. Local fossils, rock formations and geologic history studied in museum and on field trips. Metals, minerals and ores necessary for our war economy will be considered. Elective for General Elementary Juniors and Seniors. Four hours per week including laboratory. Second semester. Credit: three semester hours.

Household Physics and Equipment. See Home Economics 405.

Climatology. See Geography 407.

409. History of Science. Concise historical account of the origins of Science, its development, and its achievements; extensive samplings from the great contributors to Science; their lives and discoveries, furnishing a broad, cultural background, and appreciation of Science rather than a knowledge of scientific facts. Elective for General Elementary Seniors. First semester. Credit: two semester hours.

410. Aviation Science. A study of scientific principles underlying the mechanical behavior of man and the airplane. Basic concepts of the physical and biological science related to flying are developed from demonstration, experiment and observation. The course is designed to familiarize students with the scientific knowledge relevant to understanding current and future developments of this mode of transportation. Elective for Juniors and Seniors. Spring semester. Credit: three semester hours.

411. Meteorology. A study of the atmosphere, the methods of observing and recording the weather elements, the explanation of weather changes, the interpretation of the weather map and the basic principles of forecasting. The relation of weather to man and his activities is considered. Features which apply to aviation will be given special emphasis. Elective for Juniors and Seniors. Fall semester. Credit three semester hours.

SOCIAL STUDIES

Professors DeMond, Albright; Assistant Professor Peterson (on leave); Miss Dana, Dr. Mason, Miss Stockberger, Mrs. Roesser.

101-102. History of Civilization. A survey of man's constructive achievements to 1900; the church, feudal life; nationalism; imperialism; the European problem of the twentieth century. Required of all Freshmen. Both semesters. Credit: six semester hours.

201-202. Contemporary Civilization. Survey of European history from 1870 to the present; governments of Europe; social, political and economic developments of the twentieth century. Required of General Elementary Sophomores. Both semesters. Credit: six semester hours.

202. (Old Curriculum). History of Civilization. A study of man's cultural achievements; the renaissance; reformation; imperialism and the progress of the twentieth century. Required of Art Education Sophomores. Second semester. Credit: three semester hours.

222. Principles of Economics. Survey of basic principles; current problems and politics; consumer economics. Required of Home Economics Sophomores. Each semester. Credit: three semester hours.

223. Principles of Sociology. Principles of Sociology followed by detailed study of rural, village and urban communities. Required of Home Economics Sophomores. Four hours per week. Each semester. Credit: three semester hours.

301-302. American Civilization and Government. A study of the establishment of the American republic; the functioning of its government; the triumph of Hamiltonianism; the development of a characteristic American culture. Required of General Elementary, Home Economics and Industrial Arts Juniors. Both semesters. Credit: six semester hours.

304. American History to 1789. Conditions in Europe influencing the discovery and settlement of the New World; economic causes of the Revolution; establishment of the new government. Elective for Juniors and Seniors. First semester. Credit: three semester hours.

402. Sociology. The rise and development of culture; cultural change; social organization and social institutions. Required of General Elementary Seniors and Art Education Seniors. Each semester. Credit: three semester hours.

403. History of American Foreign Relations. A general survey of our foreign relations, beginning with independence and the alliance with France in 1778 and extending through recent affairs of the United States as a world power. Due attention is given to the principles of international law and the causes of the present international conflict. Elective for Juniors and Seniors. Each semester. Credit: three semester hours.

405. International Relations. The cultural origin of the Western States System, forms of its institutions, its dynamic forces and apparent prospects. Elective for General Elementary Juniors and Seniors. Second semester. Credit: three semester hours.

406. The French Revolution and Napoleon. The political, social, economic and intellectual fabric of the Old Regime; the Revolution; the dictatorship of Napoleon, its spread of the Revolutionary ideas throughout Europe, and the rise of modern nationalism. Elective for Juniors and Seniors. First semester. Credit: three semester hours.

407. Germany Since 1871. The social, economic, and intellectual history of Germany; the diplomatic background of the First World War and its results; the Weimar Republic and the rise of Hitlerism. Elective for Juniors and Seniors. Second semester. Credit: three semester hours.

408. Twentieth Century European Diplomacy. The cause of the first World War, the diplomacy of the war, a reexamination of the Paris Peace conference and treaties, the hegemony of France, the working out of the national policies inside the League of Nations, the causes of the second World War, and the bases of peace are taken up. Elective for Juniors and Seniors. Second semester. Credit: three semester hours.

409. European Economic History. A general survey of economic development from the later middle ages to the present deals with the transition from the rural and town economy to capitalism, the expansion of Europe, mercantilism, the rise of the present industrial and commercial systems, the effects of war upon economic and social life. The relation between economic organization and the European classes as well as the life of the common man are stressed. Emphasis is upon the period since the end of the eighteenth century. Elective for Juniors and Seniors. First semester. Credit: three semester hours.

410. Modern Far Eastern History. A survey of the political, economic, social and intellectual history of the Far East in the nineteenth and twentieth century, with emphasis upon the interaction of the West upon the East and of the East upon the West to show how the Far Eastern problem has led to the present Pacific war. Elective for Juniors and Seniors. Second semester. Credit: three semester hours.

411. **Latin American History.** The colonization and development of Latin America. Special emphasis will be placed upon the diplomatic and economic connections with the United States, and attention will be given to the role of Latin America in the defense of the Western Hemisphere. Elective for Juniors and Seniors. Each semester. Credit: three semester hours.

HOME ECONOMICS DEPARTMENT

Professors Sipp, McGinnis; Assistant Professors Pratt, Segner; Mrs. Nye, Miss Keever, Miss Roudebush, Miss Palmer, Miss Grant, Miss Johnson, Miss Cockefair.

The main function of the Home Economics Department is to assist young women who wish to prepare for the teaching profession in New York State. The graduates of this department receive the degree of Bachelor of Science in Education and are eligible to teach homemaking in junior and senior high school, elementary schools and at the adult level.

A second important function of the department is to make available to students majoring in other departments the opportunity to extend their experience and understanding in the field of home and family life. Elective courses, planned to meet the needs of individual students registering for them, are offered for students in other departments.

HOME ECONOMICS MAJOR

This four year course is planned to provide for the development of the individual; to assist her in getting experiences in and gaining understanding of the various phases of homemaking; to help her in acquiring an understanding of the principles of the natural and social sciences and of art, as they impinge upon the home and family; to provide her with opportunities for gaining the kinds of experiences which she needs to extend her background for effective teaching and cooperative working with other agencies for improvement of home and family living in the community in which she is employed.

Various means are used to attain these goals, such as laboratory courses; field work in cooperation with homes, schools, social agencies and business; independent study and investigation; personal counseling and guidance. This sometimes involves activities outside of class hours and school days.

The college maintains a home management house and seniors assume the managerial responsibility while living in the house during part of one semester. An additional opportunity to study a child in a home situation is provided for by the baby who is an important member of the home management house family.

Student teaching is provided in selected schools in nearby communities. This is preceded by observation and participation in the School of Practice on the campus and in several nearby public schools.

Through the use of George-Deen Funds, the department is able to provide some follow-up service for its graduates. This service makes it possible not only to help young teachers in the field but to modify college courses in the light of the experiences of the graduates.

SUMMER EXPERIENCE

All Home Economics students are required to secure additional practical experience during summers following the first three years in college. These experiences are planned in the spring as outgrowths of the year's work. The student plans with faculty members in the light of her needs as she sees them and the judgment of her instructors. Approved plans are filed in the department and written reports of the summer work together with such actual products as can be submitted and statements by employers are handed in on the opening day of college. Conferences with instructors who shared in the planning are held.

It is believed that this experience so planned will afford opportunities for

1. Increasing skills in homemaking
2. Improving the management of time, money and energy
3. Developing some ability to work with a family group and other social groups outside of the home
4. Developing independence, initiative, resourcefulness and responsibility
5. Realizing how some of the world's work is done by participation in industrial or commercial activities

No credit is given for summer experience but such experience is required.

ENTRANCE REQUIREMENTS

The requirements in this department are the same as stated on page 17 of this catalogue. Registration is limited and students are selected on the same basis as described on page 18.

High school courses in homemaking or home economics are not required for admission to the Home Economics Department. However, if students have not developed reasonable skill in foods and clothing at home or in school, additional non-credit courses are provided. Tests are given to accepted students to determine those who have attained these skills.

ADMISSIONS WITH ADVANCED STANDING

Directions for students with advanced standing will be found on page 19. Address all inquiries regarding the Home Economics Department to the Director of Home Economics Department, State Teachers College at Buffalo 9.

HOME ECONOMICS CURRICULUM

Effective September 1943

FRESHMAN YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Hours Credit	Class Hours	Hours Credit
English 101-102 Composition and Speech I.	3	3	3	3
S. S. 101-102 History of Civilization.....	3	3	3	3
Education 101-102 Child Development....	4	3	4	3
Science 123-124 Biology (physiology, micro-biology and hygiene).....	4	3	4	3
H. E. 101-102 Personal Living Problems...	6	4	6	4
Orientation	1	...	...	...
Physical Education—Gym and Pool.....	2	...	2	...
	23	16	22	16

SOPHOMORE YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Hours Credit	Class Hours	Hours Credit
English 201-202 Composition and Speech II	3	3	3	3
S. S. 222 Principles of Economics.....	...	...	3	3
Science 224 Physical Science	4	3	...	...
Science 225-323 Chemistry.....	4	3	4	3
H. E. 203 The Child in the Family.....	6	4	...	...
H. E. 204 Clothing and Costume Design...	...	...	6	4
Art. 221 Art Essentials.....	...	...	4	3
H. E. 205 Foods and Nutrition.....	4	3	...	...
Physical Education—Gym and Pool.....	2	...	2	...
	23	16	22	16

JUNIOR YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Hours Credit	Class Hours	Hours Credit
S. S. 223 Principles of Sociology.....	4	3	...	...
Science 324 Chemistry .....	...	...	4	3
H. E. 306 Foods and Nutrition.....	...	...	5	3
H. E. 303 Economics of the Household....	...	...	6	4
H. E. 305 Clothing and Costume Design...	3	2	...	...
Art 322 Home Furnishings.....	...	...	4	3
H. E. Ed. 323 Home Economics Methods and Materials.....	8	6	...	...
S. S. 301-302 American Civilization and Government	3	3	3	3
Elective	3	3	...	...
	21	17	22	16

SENIOR YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Hours Credit	Class Hours	Hours Credit
H. E. 401 Home Management.....	5	4	...	...
H. E. 403 Family Relationships.....	2	3	...	...
H. E. Ed. 421 Teaching Practicum	15	9	...	...
H. E. 405 Household Physics and Equipment	...	...	4	3
Art 421 History and Appreciation of Art....	...	...	4	3
H. E. 407 Housing and Home Planning....	...	...	4	3
English 303 .....	...	...	3	3
Elective .....	...	...	3	3
	22	16	18	15

COURSES FOR HOME ECONOMICS MAJOR

Orientation

H. E. 101-102. Personal Living Problems. Based on the needs of students as Home Economics Freshmen. First semester units—management of money with simple account keeping, management of time and scheduling of activities, personal appearance and grooming, buying and care of clothing, personal nutrition and health, selection of food and practice in food preparation, study problems and time management, personal relationships and adjustment. Second semester—units on clothing, foods, family patterns of living and management of money. Required of Home Economics Freshmen. Prerequisite for 102: Home Economics 90 or exemption from it. Six hours per week. Both semesters. Credit: Eight semester hours.

CLOTHING AND TEXTILES

H. E. 90. Clothing. Selecting and constructing a simple garment involving fundamental construction processes and use of sewing machine. Required of all Home Economics Freshmen who are deficient in elementary clothing skills as indicated by tests. Two hours Saturday morning. First semester. No credit. Fee \$5.00. (Extension Dept.)

H. E. 204. Clothing and Costume Design. A study of textiles with emphasis upon consumption. Making garments involving fundamental principles of construction, fitting and costume design. Required of Home Economics Sophomores. Prerequisite: Home Economics 102. Six hours per week. Each semester. Credit: Four semester hours.

H. E. 305. Clothing and Costume Design. Problems selected involving application of principles of costume design and advanced construction techniques. Required of Home Economics Juniors. Prerequisite: Home Economics 204 and completion of satisfactory experience in clothing. Three hours per week. Each semester. Credit: Two semester hours.

FOODS AND NUTRITION

H. E. 91. Foods and Nutrition. Practice with various foods, basic ingredients and procedures; product standards; food buying; menu planning; table service; and efficient management of time and equipment. Required of all Home Economics Sophomores in the lower range of a written and practical test in foods. Prerequisite: Home Economics 101-102. Two hours Saturday morning. First semester. No credit. Registration fee \$5.00. Laboratory fee required. (Extension Dept.)

H. E. 205. Foods and Nutrition. Experience in food preservation; in planning, purchasing, preparing and serving food for individual and family needs both economic and nutritional; in solving current food problems. Supplements the prerequisite food and nutrition courses with added emphasis upon food principles, technique and management. Some experience in hospitality. Required of Home Economics Sophomores. Prerequisites: Home Economics 101-102, Science 123-124, Home Economics 91 or exemption from it. Four hours per week. Each semester. Credit: Three semester hours.

H. E. 306. Foods and Nutrition. Added experience in food preservation. School lunch management, preparation and service with emphasis upon nutritional and educational problems; management, preparation and service for large groups; demonstration; added experience in hospitality. Required of Home Economics Juniors. Prerequisites: Home Economics 205, Science 225, 323. Five hours per week. Each semester. Credit: Three semester hours.

H. E. 406. Foods and Nutrition. Added experience in food preservation and in planning, purchasing, preparing and serving for individual and family needs both nutritional and economic. Management preparation and service for large groups; demonstration; added experience in hospitality. Required of Home Economics Seniors. Prerequisites: Home Economics 301, Science 323-324. Four hours per week. Each semester. Credit: Three semester hours. (Given only through June 1945)

HOME AND FAMILY

H. E. 203. The Child in the Family. Correlation of the study of the growth and development of young children with practice in the management and care of children in public and private nursery schools. Home visits, parent meetings, noon lunch observations and an exchange visit are also required. Required of Home Economics Sophomores. Six hours per week. Each semester. Credit: Four semester hours.

H. E. 303. Economics of the Household. A study of the management of personal and family finance. Present day problems of consumers. Evaluation of aids for consumers. Required of Home Economics Juniors. Six hours per week. Each semester. Credit: Four semester hours.

H. E. 401. Home Management. Five weeks residence offering experience in cooperative group living; care and guidance of a baby; practical study of time, energy and money utilization in a home; experience in group social and recreational life. Some students may secure these experiences by residence in selected homes in the community. Students defray own expenses. Required of Home Economics Seniors. Prerequisites: Home Economics 203, 301, 303. Five class hours per week during residence. Each semester. Credit: Four semester hours.

H. E. 403. Family Relationships. Discussion of the psychological problems of marriage and family life in the world today, and the teaching of family relationships in secondary schools. Observation of parent study groups, staff meetings of guidance clinics and community organizations dealing with family problems. Special individual projects and community participation required. Required of Home Economics Seniors. Two hours per week. Each semester. Credit: Three semester hours.

H. E. 405. Household Physics and Equipment. Nature of heat, its use and application; electricity, its production, distribution and use; mechanics of liquids and solids; mechanics of simple machines. These form a basis for study of underlying principles used in the selection, operation, care and arrangement of household equipment with emphasis on those utilitarian aspects which promote economy, efficiency and comfortable living in the home. Required of Home Economics Seniors. Four hours per week. Each semester. Credit: Three semester hours.

H. E. 407. Housing and Home Planning. Relation of housing to family and community welfare; standards of family housing, costs of housing in urban and rural areas; selection, construction and furnishing of houses for family and personal needs. Required of Home Economics Seniors. Prerequisites: Art 322, Home Economics 303. Four hours per week. Each semester. Credit: Three semester hours.

HOME ECONOMICS EDUCATION

H. E. Ed. 323. Home Economics Methods and Materials. Aims to assist prospective teacher in: developing a realistic philosophy of education; understanding problems of school administration and curriculum and place of home economics therein; knowing and having some ability to apply principles of learning and teaching; developing some techniques in selecting, organizing and using instructional materials; developing a philosophy of evaluation and some ability in

obtaining and interpreting data through the use of appropriate techniques. Includes observation and participation. Required of Home Economics Juniors. Prerequisites: Education 101-102, Home Economics 101-102, 203, 204, 301. Eight hours per week. Each semester. Credit: Six semester hours.

H. E. Ed. 421. Teaching Practicum. Provides opportunity to study the New York State programs for education in homemaking and its adaptations to varying situations through actual teaching experience in two types of schools. Student shares with usual non-instructional as well as instructional responsibilities; group conference of all students scheduled regularly at college. Schools used for teaching located outside Buffalo. Residence in at least one community for period of teaching required. Students defray own travel and residence expenses. Grade of "C" in course required for certification in New York State. Required of Home Economics Seniors. Prerequisites: Education 101-102, Home Economics 101-102, 203, 204, 301, 303, 305, Education 323, grade of "C" in Education 323. "C" average in all college work. Fifteen hours per week for ten weeks. Each semester. Credit: Nine semester hours.

General College Courses—required and elective

For description of these courses refer to the courses as listed in the respective departments.

Home Economics Courses for Students in Other Departments

H. E. 410, H. E. 411, H. E. 412 (For descriptions see page 53).

INDUSTRIAL ARTS TEACHER-TRAINING DEPARTMENT

Professor Perkins; Assistant Professor Quackenbush; Mr. Decker (on leave), Mr. Weber, Mr. Brossman (on leave), Mr. Morrice, Mr. Grabau, Mr. Fontana, Mr. Roesser (on leave).

The Industrial Arts Department prepares teachers for the teaching of Industrial Arts in the junior and senior high schools of New York State. It covers very comprehensively all phases of work in Metal, Wood, Printing and Electricity. Students completing the four-year course have not only demonstrated their ability in these fields in the public schools but have materially aided the war effort by serving in industry and by teaching in Army instruction centers.

Students will also receive sufficient training in Mechanical Drawing and Blueprint Reading which will enable them to understand thoroughly mechanical representation in shop projects. Through co-operation with the Art Department, they will also have an excellent appreciation of the design of shop projects.

The entire four-year program gives not only specific training in the fields of Industrial Arts but offers an excellent training in literature, mathematics, science and social studies.

Students completing satisfactorily the four-year program receive the degree of Bachelor of Science in Education. In addition, they receive

a license to teach in both the junior and senior high schools, such license to become permanent when the student has completed thirty hours of work on a graduate level.

Students should meet the general requirements printed in the forepart of this bulletin but applicants to this department should present preferably two units of Mathematics, one unit of General Science or Biology, and one unit of Physics or Chemistry. It is desirable that students seeking admission should have definite aptitude for mechanical work although experience has shown that students who have not had the opportunity of home shop work or practical industrial experience often are as successful as those who have had contact with mechanical activities.

Transfer Students

The Department offers to transfer students full credit for general courses in English, mathematics and history. Those who have taken technical subjects or shop work in a similar curriculum in other institutions are also granted full credit. College graduates who wish to extend their license to the field of Industrial Arts will also be considered in order that they may earn the credit for a provisional certificate as specified by the State Education Department in Certification Bulletin No. 2. Briefly, this requires 18 hours in professional courses and 36 hours in appropriate Industrial Arts courses. At the present time, this should be of interest to many graduates of Liberal Arts courses as it affords not only a broader teaching license but also gives many practical industrial contacts.

INDUSTRIAL ARTS CURRICULUM

FIRST YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Hours Credit	Class Hours	Hours Credit
Eng. 101-102 Composition and Speech I...	3	3	3	3
S. S. 101-102 History of Civilization.....	3	3	3	3
M. D. 101-102 Mechanical Drawing.....	4	2	4	2
Math. 101 General Mathematics.....	3	3	...	...
Math. 102 Algebra and Logarithms.....	...	...	3	3
Shop 101 Electricity	11	5	...	...
Shop 102 Woodworking .....	...	...	11	5
	24	16	24	16

SECOND YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Hours Credit	Class Hours	Hours Credit
Eng. 201-202 Advanced Composition and Speech II.....	3	3	3	3
Ed. 211-212 Child Development.....	4	3	4	3
Sci. 205-206 Physics.....	4	3	4	3
Math. 201 Trigonometry.....	3	3	...	...
Art 202 Essentials of Art.....	...	...	3	2
Shop 201 Printing.....	11	5	...	...
Shop 202 General Metal.....	...	...	11	5
	25	17	25	16

THIRD YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Hours Credit	Class Hours	Hours Credit
Ind. Ed. 301 Industrial Arts Education...	2	2	...	...
Ind. Ed. 302 Industrial Arts Methods and Materials.....	...	...	3	3
S. S. 301-302 American Civilization and Government.....	3	3	3	3
Sci. 301-302 Chemistry.....	4	3	4	3
Eng. 303 English Literature.....	3	3	...	...
Art. 304 Industrial Arts Design.....	...	...	3	2
Shop Elective.....	11	5	11	5
	23	16	24	16

FOURTH YEAR

Course Titles	First Semester		Second Semester	
	Class Hours	Hours Credit	Class Hours	Hours Credit
Ind. Ed. 401 Practicum in Teaching.....	30	15	...	...
Ind. Ed. 402 Ind. Arts Methods and Materials.....	...	...	3	3
Ind. Ed. 404 Educ. and Voc. Guidance.....	...	...	3	3
S. S. 410 Industrial History.....	...	...	3	3
Shop 402 General Shop.....	...	...	11	5
Elective.....	...	...	2	2
	30	15	22	16

NOTE.—All shop courses require 2 hours of outside preparation in addition to the 11 clock hours required in laboratory and shop demonstrations.

Description of Courses Offered in the Industrial Arts Teacher-Training Curriculum

MECHANICAL DRAWING

M. D. 101-102. Mechanical Drawing. A basic course in mechanical drawing and blueprint reading; the care and use of instruments, lettering, geometric construction, weight and meaning of lines, freehand sketching, working drawings, cabinet projections; a complete working knowledge of drafting conventions and technic. Required of all Industrial Arts Freshmen. Four hours per week. First and second semesters. Credit: two semester hours each semester.

SHOP WORK

Shop 101. Electricity. A study of electrical principles and their application in generation, measurements, testing power, communication, transmission, transformation, and wave propagation and reception. Construction of projects for use in teaching and for demonstration. Required of all Industrial Arts Freshmen. Eleven hours per week. First or second semester. Credit: five semester hours.

Shop 102. Woodworking. A study of various types of woodworking; use of hand tools in building simple projects in benchwork, carpentry, cabinet work, boat and airplane construction. Development of the work takes up difficult processes in wood turning, millworking, and finishing. Shop equipment, maintenance, and shop management are stressed. Required of all Industrial Arts Freshmen. Eleven hours per week. First or second semester. Credit: five semester hours.

Shop 201. Printing. The fundamentals of composition, imposition, press-work (including color work), bindery, paper estimating and cutting. Auxiliary work such as block cutting, bookbinding, embossing, marbling, and rubber stamp making. Special emphasis on spelling, punctuation, capitalization, and division of words. Special lectures on typesetting machines, printing plates, paper making, engraving, lithography, rotogravure. Required of all Industrial Arts Sophomores. Eleven hours per week. First or second semester. Credit: five semester hours.

Shop 202. General Metal. Practice in the fundamentals of pattern making, molding, die casting, machine tool work, brazing, soldering, forging, heat treatment, sheet and art metal work. Related lessons covering the sources and characteristics of metals, alloys, strength of metals, melting points and metal finishing. Required of all Industrial Arts Sophomores. Eleven hours per week. First or second semester. Credit: five semester hours.

Shop 301. Shop (Elective). The development of sheet metal, pattern drafting, and practical designing for art work in light gauge metals. Manipulation of hand tools. Use and care of metal working machinery; theory pertaining to metal forming and assembly of metals. Junior elective. Eleven hours per week. First semester. Credit: five semester hours.

Shop 302. Shop (Elective). A general course in automobile repair and maintenance. The course includes lectures and demonstrations on the operation of two and four stroke cycle engines, lubrication, ignition, starting and lighting, and carburetion. Practical work in general repair and service such as ignition timing, piston and ring fitting, valve reconditioning, brake adjustments, etc.

Junior elective. Eleven hours per week. Second semester. Credit: five semester hours.

Shop 303 (Elective). Advanced Graphic Arts. This course includes advanced activities in letter press printing and its allies. This covers four-color make-up and printing, composition of two and three color jobs, gold leaf stamping, two and three color linoleum block prints and silk screen jobs. Actual practice is given in school newspaper make-up and printing. Junior elective. Eleven hours per week. First or second semester. Credit: Two and one-half, or five semester hours depending on semester taken.

Shop 304 (Elective). Advanced Woodworking. The study of general production practices together with information and skills in all forms of wood processes. Emphasis will be given to advanced cabinet making, carpentry, pattern making; to aviation in the study of plywoods, special cements and construction processes as applied to airplanes and gliders; also to the study of maintenance and repair of woodworking machinery. Junior elective. Eleven hours per week. First or second semester. Credit: Two and one-half, or five semester hours depending on semester taken.

Shop 305 (Elective). Advanced Electricity. Emphasis will be placed upon the theory, construction and operation of the following aircraft instruments: aircraft lighting, power and communication systems, electrically controlled and operated weather instruments. Opportunity will be afforded students to make models of many of the above instruments. Junior elective. Eleven hours per week. First or second semester. Credit: Two and one-half, or five semester hours depending on semester taken.

Shop 306 (Elective). Advanced Machine Shop. Emphasis is placed upon tool making, heat treating, and acetylene welding. Some of the new experiences gained are the operation of the universal grinder, surface grinder, helical milling, gear cutting, internal threading and boring, and angular cuts on a shaper. All experiences gained are directly applicable to a student contemplating entering any of the war industries involving metal work. The work is of special significance to any student planning to teach metal work in special centers for war training purposes. Junior elective. Eleven hours per week. First or second semester. Credit: Two and one-half, or five semester hours depending on semester taken.

Shop 402. General Shop. A course in comprehensive general shop work embracing various shop activities brought together in a single room. Students give actual demonstrations and discuss the supervising, planning and presentation of such demonstrations. Discussion of teaching aids, record charts and methods of caring for the details of general shop activity. Major divisions cover woodworking, metal working, electricity, printing, textiles and ceramics. Required of all Industrial Arts Seniors. Eleven hours per week. First or second semester. Credit: five semester hours.

INDUSTRIAL ARTS EDUCATION

Ed. 211-212. Child Development. (See Ed. 101-102 of the Education Department.)

Ind. Ed. 301. Industrial Arts Education. The aims and objectives of Industrial Arts Education in the elementary and secondary schools; the educational

characteristics of Industrial Arts; Industrial Arts objectives through the medium of projects, outside preparation, household mechanics, and consumer knowledges. Consideration of exploratory experiences, the value of clubs and school activities. Required of all Industrial Arts Juniors. First semester. Credit: two semester hours.

Ind. Ed. 302. Industrial Arts Methods and Materials. A study of methods, organization and materials in the field of Industrial Arts; instruction materials, progress sheets, lesson plans and special methods. Special attention to discussion covering library and planning centers, museums, exhibits, charts, records, and pupil management. Required of all Industrial Arts Juniors. Second semester. Credit: three semester hours.

Ind. Ed. 401. Practicum in Teaching. A combined course of practice and conference on teacher problems. Actual practice in teaching Industrial Arts with special assignments of the specific technics and methods involved in the preparation and organization of subject matter and projects used for Industrial Arts. A treatment of shop management, pupil records, materials and costs, and examinations. Required of all Industrial Arts Seniors. Thirty hours per week. First or second semester. Credit: fifteen semester hours.

Ind. Ed. 402. Industrial Arts Methods and Materials. Continuation of Ind. Ed. 302. Development of courses of study; investigation of physical equipment and supplies necessary for adequate work in this field; detailed attention to hand and tool equipment for various activities, supplies and storage; personnel organization. Completion of special units of instruction. Required of all Industrial Arts Seniors. First or second semester. Credit: three semester hours.

Ind. Ed. 404. Educational and Vocational Guidance. A survey of the field of guidance intended to familiarize prospective teachers with the principles and practices used in individual and group counseling. Required of all Industrial Arts Seniors. First or second semester. Credit: three semester hours.

Ind. Ed. 406. Industrial Psychology. A study of psychological principles as applied to various phases of industrial practice: foremanship, guidance, fatigue, working environment, training devices, and the human factor in industry. Senior elective. First or second semester. Credit: two semester hours.

MATHEMATICS

Math. 101. General Mathematics. A review of mathematical practices previously studied and an appreciation of the value of these principles as applied to the practical work carried on in the shops; a thorough training in the mathematics that is necessarily a part of every shop teacher's work. Required of all Industrial Arts Freshmen. First semester. Credit: three semester hours.

Math. 102. Algebra and Logarithms. Quadratics and beyond: Theory of quadratic equations, simultaneous quadratic equations, theory of exponents, exponential equations, logarithms, series, complex numbers, permutations, combinations and probability. Required of all Industrial Arts Freshmen. Second semester. Credit: three semester hours.

Math. 201. Trigonometry. Fundamental trigonometric relations and formulas. Trigonometric equations and identities. Graphical representation of functions. Numerical and trigonometric solution of oblique triangles. Derivation of

formulas coming within the range of the technique involved above. Required of all Industrial Arts Sophomores. First semester. Credit: three semester hours.

SCIENCE

Sci. 205-206. See Science Department for description of course.

Sci. 301-302. Inorganic Chemistry. See Science Department for description of course.

SOCIAL STUDIES

S. S. 410. Industrial History. The evolution of American industry from its English beginnings to the present. Students are required to make a definite study of industry, preparing special reports and displays of products. Influence of inventions, tariffs, employer and laborer relationships. Required of all Industrial Arts Seniors. First or second semester. Credit: three semester hours.

ELECTIVES

General Electives. Complete list of electives as outlined in General curriculum. Credit: two semester hours.

ART EDUCATION DEPARTMENT

Professor Bradley; Assistant Professor Czurles; Mrs. Karcher, Mrs. Heyman, Mr. Winebrenner.

This department offers a course training art teachers for elementary and secondary schools and provides the art courses for the General College, Home Economics and Industrial Arts Departments.

An Affiliated Program of Art Education

Directly across the street from the State College grounds are the Albright Art Gallery and the Albright Art School. Through an affiliation between the college and the Art School, the students of this department enjoy a unique privilege, that of acquiring a college education at the same time while they are attending an Art School. The permanent collection in the Albright Art Gallery and the constantly changing exhibits brought from other cities give the students an exceptional opportunity to study the art of the past while they are experimenting with the various mediums of expression. The Albright Art Gallery and Art School are maintained by the Buffalo Fine Arts Academy and the City of Buffalo. The Gallery is housed in a beautiful building of Greek design and has developed a splendid educational program. The Albright Art School enjoys excellent facilities for the sound teaching of art with a highly trained faculty in a series of well equipped studios and workshops. An effective arrange-

ment between the College and the Art School provides for technical study in art at the school in a series of carefully designed classes during the first three years of the course.

Professional Training Leading to a Degree

The Art Education Department of the State Teachers College selects students to be admitted to a course which utilizes the offerings of the Gallery and Art School, together with those of the various departments of the college. The course is administered from this Department and at its successful conclusion a Degree of Bachelor of Science in Education is conferred, together with certification to teach Art in the elementary, junior and senior high schools of New York State.

Application for admission may be made by high school graduates from any part of the State. From the applicants will be selected those who give the greatest evidence of talent and ability and who seem to promise success as teachers of art. Fifty per cent will be selected from outside the Buffalo area.

The Cost

All students admitted to the Art Education Department will be required to pay the regular fees at the college and tuition at the Art School of \$125 per year during the first three years only. The total cost of this course for the four years is considerably lower than that of the average art school.

Professional Vision

The Art Education Department is primarily interested in training young people so that they may go out as successful leaders in the various schools and communities where they find the opportunity for service. It is hoped that they may not only teach the children of the community, but perhaps through them and their various social contacts may develop an art consciousness among adults stimulating both appreciation and production in the field of art. It is recognized that there are many who may develop the appreciation of art while the number who are capable of producing works of art is limited. Emphasis is, therefore, put upon the development of appreciation but every opportunity is made available for those who are capable of doing creative work. Indeed, it is hoped that a large percentage of the students may develop and maintain an avocational interest in some form of creative art that may enrich their teaching experience.

Some may do this through some form of craft work which they find enjoyable, some may develop an interest in painting while others will find an outlet through the designing of costumes, or scenery for the stage, or work in interior decoration. In the present national emergency many art students and graduates are able to make valuable contributions to the war effort.

Drawing, Painting, and Design

At the Art School, where the students spend three hours each day during their first three years, they pursue a sequence of courses in the field of representation and another in the field of design. Representational skill is sought in its true organic relation to personal expression, and great emphasis is placed on the inseparability of the concepts of representation and design. Each class, whether in one category or the other, has definite relations with every other class. None can be omitted without injuring the completeness of the course, and every class draws on the others for strength. This harmonious relation between representation classes and design classes is a vital part of the course planning. Such representational classes as figure drawing and oil painting, are not limited by imitative aims alone, but endeavor to retain and develop the creative faculties while improving the representational skill.

The sequence of courses in the field of design is planned first to develop a feeling for design as a functional thing which grows out of the use and the materials of construction rather than from surface decoration. The students are carefully grounded in the fundamental elements of design, in lettering and in the various color theories which have been developed. As graduates are frequently called upon to teach various forms of commercial art and should be able to supervise art in school publications and look after school publicity, work is offered in these fields and visits are made to commercial establishments to study the various methods of reproducing drawings and designs. All students are required to take one course in costume design and one in interior decoration so that they may relate design to the intimate problems of the person, the home and the community.

This approach is a starting point for a series of classes which reveals the necessities of design in all art expression, and, without teaching a "system", shows the way to harmony and unity through the limitations of function and material.

Crafts

At the State Teachers College, courses in crafts are given to round out the art training. These include a full year of mechanical drawing which is given in the Industrial Arts Department where, in the atmosphere of shop and drafting room, the work takes on new meaning. Elementary crafts suitable for the first six grades of school require very little special equipment but develop much original work in many common materials. Advanced crafts suitable for the high schools include: design, construction and decoration in textiles, leather, wood, light metal, jewelry and ceramics. The course in stage craft includes shadow and string puppets, costume and scenery design and experience in staging at least one production in conjunction with the Dramatic Department of the College.

Cultural Development

The General Department of the college provides courses of a liberal cultural nature to round out the preparation of the art teacher. Several courses in English composition and literature, biological and physical science, history and some elective work are included in the program. A course in the history of art continuing through one year constitutes a careful survey of the development of the arts through the ages and adds greatly to the cultural background. During the first year students are required to participate in gymnasium activities and swimming, and in the second year to attend a course in Health Education. This is to enable each student to know how to keep physically fit and they are encouraged to continue these recreational activities throughout the remaining two years.

Professional Education

The professional education course at the college includes the study of child development with observation of children and psychological study to aid the future teacher in her work. An orientation course follows in the second year to afford a broad view of art education in relation to the object of general education. Study of art curriculum needs at different age levels and in various types of schools prepares the students for their practice teaching experiences in the schools of Western New York. By both theory and practice, students become acquainted with changing conceptions of art education and the aims and methods of work as carried on in different schools and at all age levels.

Opportunity

The greatly increased interest of the public in art, the phenomenal growth of art courses in our colleges, and the steady demand of the schools of the State for well-trained art teachers, promise an increasing opportunity for those who enter the profession of Art Education. Since the opening of this department at the college, the placement record of its graduates has been very satisfactory and an increasing number of school administrators are looking to this institution for art teachers and supervisors.

All inquiries should be addressed to:

Charles B. Bradley
Director of Art Education
State Teachers College
Buffalo 9, New York

Art Kraft Scholarship

The Art Kraft Klub offers a scholarship of one hundred dollars for the sophomore year to that Art Education freshman who is deemed most deserving and outstanding.

ART EDUCATION CURRICULUM

FIRST YEAR

	First Semester	Second Semester
Ed. 101-102 Child Development.....	3-3	3-3
Eng. 101-102 Composition and Speech.....	3-3	3-3
Sci. 101-102 Biology.....	3-2	3-2
Orientation and Library.....	1-0	1-0
Swimming and Gymnasium.....	2-0	2-0
*Rep. 101 Drawing.....	8-4	
*Rep. 102 Perspective.....		3-1½
*Rep. 103-104 Principles.....	2-1	2-1
*Des. 101 Materials.....	5-2½	
*Des. 102 Ornament.....		5-2½
*Des. 104 Color.....		5-2½
	27-15½	27-15½

SECOND YEAR

	First Semester	Second Semester
Art Ed. 201 Introduction to Art Education.....	3-3	
S. S. 202 History of Civilization.....		3-3
Eng. 201-202 Literature.....	3-3	3-3
H. Ed. 201-202 Health Education.....	1-1	1-1
Craft 201-202 Mechanical Drawing.....	4-2	4-2
*Rep. 201 Life Drawing.....	9-4½	
*Rep. 202 Perspective.....		3-1½
*Rep. 204 Water Color.....		6-3
*Des. 201 Form.....	6-3	
*Des. 202 Lettering.....		3-1½
*Des. 204 Costume.....		3-1½
	26-16½	26-16½

THIRD YEAR

	First Semester	Second Semester
Art. Ed. 301-302 Art Curriculum.....	3-2	3-2
Sci. 201-202 Physical Science.....	3-3	
Art 301-302 Art History.....	3-3	3-3
Craft 302 Elementary Crafts.....		4-2
Elective (General College Subject).....		2-2
*Rep. 301 Oil Painting.....	6-3	
*Rep. 302 Pictorial Design.....		6-3
*Des. 301 Processes.....	6-3	
*Des. 301 Processes.....	6-3	
*Des. 302 Functional Design.....		9-4½
*Des. 303 Interior Decoration.....	3-1½	
	24-15½	27-16½

FOURTH YEAR

	First Semester	Second Semester
S. S. 402 Sociology.....		3-3
Electives (General College Subjects).....		6-6
Craft 401 Stage Craft.....		8-4
Craft 402 Advanced Craft.....		8-4
Art. Ed. 401-402 Practice Teaching and Seminar.....	30-15	
	30-15	25-17

* Courses taken at the Albright Art School.

REPRESENTATION

101. **Drawing.** Study of contour, form, light and shade, and modeled surface, using objects and the living models. Use of pencil, brush, and pen. Eight hours per week. Credit: four semester hours.

102. **Perspective.** Mechanical perspective, one, two, and three point. Integrated with drawing class. Three hours per week. Credit: one and one-half semester hours.

103-4. **Principles of Art.** Discussion groups for purposes of orientation. Two hours per week. Each semester. Credit: one semester hour.

201. **Life Drawing.** Figure work in charcoal, pencil and pen. Anatomy. Nine hours per week. Credit: four and one-half semester hours.

202. **Perspective.** Free-hand perspective work in pencil and wash. Three hours per week. Credit: one and one-half semester hours.

204. **Water-color.** Still-life, figure sketching and landscape. Six hours per week. Credit: three semester hours.

301. **Oil Painting.** Study of the fundamentals of form presentation, using still-life as subject material, and oil paint as medium. Six hours per week. Credit: three semester hours.

302. **Pictorial Design.** A study of picture structure in line, values, implied space, and color. Six hours per week. Credit: three semester hours.

DESIGN

101. **Materials.** General design principles as developed from experiments in three-dimensional form. Five hours per week. Credit: two and one-half semester hours.

102. **Ornament.** Creative and historic. Studied in conjunction with color theory. Five hours per week. Credit: two and one-half semester hours.

104. **Color.** Design principles in color and on flat surface. Five hours per week. Credit: two and one-half semester hours.

201. **Form.** Modeling in clay and carving in hard plaster with emphasis on plastic organization. Six hours per week. Credit: three semester hours.

202. **Lettering.** Free-hand lettering and sign writing. Letter structure and spacing. Three hours per week. Credit: one and one-half semester hours.

204. **Costume.** Principles of taste in contemporary dress. Materials. Play costuming. Three hours per week. Credit: one and one-half semester hours.

301. **Processes and Techniques.** Experiments in reproduction methods as used in art education. Monotype, stencil, block printing, silk-screen. Industrial reproduction methods. Six hours per week. Credit: three semester hours.

302. **Functional Design.** Structural and esthetic problems in the design of everyday objects. Model making. Nine hours per week. Credit: four and one-half semester hours.

303. **Interior Decoration.** Special emphasis on principles, models, and materials used in every-day interior design. Three hours per week. Credit: one and one-half semester hours.

CRAFT

201-202. **Mechanical Drawing.** The language of structural design. Blue print reading, instrumental drawing, lettering, geometric constructions, working drawings, orthographic, isometric and cabinet projection. Four hours per week. Each semester. Credit: two semester hours.

301. **Elementary Crafts.** Simple construction and decoration suitable for the elementary school. Various materials: paper, cardboard, papier maché, cloth, wood, clay and others. Four hours per week. Credit: two semester hours.

401. **Stage Craft.** Designing and making stage materials; marionettes, miniature stage sets, masks, costumes, etc. Staging at least one production of the dramatic department. Eight hours per week. Credit: four semester hours.

402. **Advanced Craft.** Designing, constructing and decorating in various materials suitable for secondary schools: textiles, leather, wood and light metal. Eight hours per week. Credit: four semester hours.

ART EDUCATION

101-102. **Child Development** (as described in Education Department).

201. **Art Education.** The place of art in modern education, its ideals and objectives; the organization and development of an art curriculum. Standards, tests and measurements. Credit: three semester hours.

301. **Elementary and Junior High School Art Curriculum.** The organization of a course of study in coordination with the other departments in the school and methods of procedure. Three hours per week. Credit: two semester hours.

302. **Secondary Art Curriculum and Supervision.** The organization, selection and presentation of subject matter for the high school. The work of the supervisor or special teacher and the problems involved. Three hours per week. Credit: two semester hours.

401-402. **Practice Teaching and Seminar.** One semester devoted to full time for four days weekly observing, participating and practicing teaching. Half the semester in an elementary school of Buffalo and the other half in a high school of western New York. One day weekly on the campus attending a seminar with the supervisor and in preparation of teaching materials. Thirty hours per week. Credit: fifteen semester hours.

CULTURAL SUBJECTS

301. **Art History I.** The historic development of the arts from pre-historic time through the Italian renaissance. The relation between the cultures and the arts of the various periods. Architecture, sculpture, painting and the minor arts are viewed in order to discover the principles and the meaning of art. Lantern slides, prints and museum study supplement the text. Required of Art Education Juniors. Elective for General Elementary students. Credit: three semester hours.

302. **Art History II.** The development of the arts from the spread of the renaissance to contemporary times. Oriental, aboriginal, and American arts. Required of Art Education Juniors. Elective for General Elementary students. Prerequisite: Art. 301. Credit: three semester hours.

Other subjects drawn from the General Elementary Curriculum.

ART FOR THE GENERAL ELEMENTARY CURRICULUM

101-102. **Essentials of Art.** Fundamental principles and techniques of art and the appreciation of various forms of art expression. Appreciation is gained through acquired knowledge and experience in the field of art as it functions in the life of the individual, the school, and the community. Required of all General Elementary Freshmen. Three hours per week. Credit: two semester hours.

ELECTIVE ART COURSES

Open to Sophomores, Juniors, and Seniors of General Elementary curriculum.

301-302. **History of Art I and II** (as described in the Art Education Department).

201. **Art in Everyday Life.** The practical applications of the principles of art in personal grooming and dress, in the selection and arrangement of home furnishings and in display arrangement. First semester. Four hours per week. Credit: three semester hours.

421. **Art Appreciation** (as described in Art for the Home Economics Department). Three hours per week. Credit: three semester hours.

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

ART FOR THE HOME ECONOMICS DEPARTMENT

221. **Art Essentials.** The fundamental principles of design, structural and decorative, and their application as illustrated particularly in the immediate environment. Proportion, balance, rhythm and emphasis and their relation to color and texture. Required of Home Economics Sophomores. Four hours per week. Credit: three semester hours.

322. **Home Furnishings.** The solution of various art problems involved in the selection and arrangement of home furnishings. Practical problems approached from both economic and artistic angles. Required of Home Economics Juniors. Four hours per week. Credit: three semester hours.

421. **History and Appreciation of Art.** Understanding the Fine Arts. Study of recognized works in architecture, sculpture, painting and the minor arts. Gallery visits, illustrated lectures and readings. Required of Home Economics Seniors. Four hours per week. Credit: three semester hours.

ART FOR THE INDUSTRIAL ARTS DEPARTMENT

202. **Essentials of Art.** The principles of structural and decorative design and their application in classroom work. Selection and appraisal of objects of artistic merit and original creative design. Three hours per week. Credit: two semester hours.

304. **Industrial Arts Design.** The practical application of design in the various materials and processes of the industrial arts program. Original design of projects to be worked out in the shops. Three hours per week. Credit: two semester hours.

SUMMER SESSION

The summer session was inaugurated in 1917 and has been developed as an integral part of our college program. The twenty-eighth session will be conducted as usual and will be organized to offer some distinctive contributions for teachers in service. A wide variety of courses will be offered in the various areas of the general elementary curriculum. Courses will be offered for those interested in special certification in Kindergarten Education, The Elementary School Principal or Supervisor, and Teaching of Handicapped Children. In addition to these there will be a two weeks workshop in Elementary Education offering opportunity for elementary teachers and those re-entering the profession to work on their special problems under expert leadership. Offerings in Home Economics and Industrial Arts will be given if the demand is sufficient to warrant classes.

The accelerated session for regular session students and entering freshmen, will be conducted again this summer. Full statement will be found on page 19 of this bulletin.

The regular Summer Session extends from July 3 to August 11. Tuition will be \$30.00. Details of the entire program may be found in the Summer Session Catalog which will be published in April. Requests for catalog or further information should be addressed to Director of Summer Session, State Teachers College, Buffalo 9, New York.

THE EXTENSION DEPARTMENT

The Extension Department offers Saturday morning classes throughout the college year. Courses taken in on-campus extension will apply on the residence requirement and as credit towards the Bachelor's degree. Off-campus centers will be organized whenever sufficient demand arises.

Please write to Dr. Robert E. Albright, Director of Extension Department, for bulletin or other information.

REGISTRATION FIGURES 1943-44

1st Semester

GENERAL ELEMENTARY DEPARTMENT:

Fourth Year.....	93
Third Year.....	97
Second Year.....	111
First Year.....	165
Special Students.....	5
	— 471

HOME ECONOMICS DEPARTMENT:

Fourth Year.....	36
Third Year.....	61
Second Year.....	57
First Year.....	94
	— 248

INDUSTRIAL ARTS DEPARTMENT:

Fourth Year.....	4
Third Year.....	2
Second Year.....	4
First Year.....	11
	— 21

ART EDUCATION DEPARTMENT:

Fourth Year.....	25
Third Year.....	28
Second Year.....	24
First Year.....	25
	— 102

EXTENSION DEPARTMENT..... 842

SUMMER SESSION 1943..... 82

TOTAL FOR COLLEGE DEPARTMENTS..... 431

1,355

STATE TEACHERS COLLEGE

at Buffalo

REQUEST FOR "APPLICATION FOR ADMISSION" BLANK

NAME
(Last name) (First name) (Middle name)

ADDRESS

Please send me the *regular application form*. I desire to enroll for the curriculum which is checked below:

..... GENERAL ELEMENTARY	..... INDUSTRIAL ARTS
..... HOME ECONOMICS	..... ELEMENTARY SCHOOL PRINCIPAL
..... ART EDUCATION	..... TEACHER OF PHYSICALLY HANDICAPPED CHILDREN

I shall graduate from..... in.....
have graduated (Name of high school) (Month and year)

The following friends of mine are interested in.... Catalog material
(Check materials desired) Application blank

Name	Address
.....
.....
.....
.....

STATE TEACHERS COLLEGE
AT BUFFALO

MEMBER

AMERICAN ASSOCIATION OF TEACHERS COLLEGES
AMERICAN ASSOCIATION OF UNIVERSITY WOMEN
AMERICAN COUNCIL OF EDUCATION

New York State
COLLEGE for TEACHERS
BULLETIN

BUFFALO 9

NEW YORK

VOL. XIV

No. 4



EXTENSION ISSUE

AUGUST — 1946

SATURDAY SESSION

1946 — 1947

GRADUATE DEPARTMENT
and
UNDERGRADUATE CLASSES

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

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special rate authorized December 13, 1932."

EXTENSION DEPARTMENT

Administrative Staff

Harry W. Rockwell, A. M., Pd.D.....President
 Robert E. Albright, Ph.D.
 Professor of Sociology and Director of Extension Education
 Mary Hulse.....Acting Registrar
 Robert W. Gochle.....Financial Secretary
 Frances G. Hepinstall, B.S.....Librarian
 * * * * *
 Chester A. Pugsley, Ed.D.....Chairman of Admissions, Graduate Department

CALENDAR 1946-1947

1946

FIRST SEMESTER

Saturday, September 14..... 9:00- 9:15 A.M. General Assembly.
 9:15-11:00 A.M. Registration.
 11:00-11:55 A.M. First hour classes meet.
 12:00-12:55 P.M. Second hour classes meet.

(All students are expected to register on this date.)

Saturday, October 12..... No classes, Convention of The Association of
 the faculties of The New York State Teach-
 ers Colleges.

Saturday, November 30..... Thanksgiving Recess

Saturday, December 28 thru

Saturday, January 4..... Christmas Recess.

Saturday, January 11..... Classes resume work.

Saturday, January 25..... First semester closes.

1947

SECOND SEMESTER

Saturday, February 1..... 9:00- 9:15 A.M. General Assembly.
 9:15-11:00 A.M. Registration.
 11:00-11:55 A.M. First hour classes meet.
 12:00-12:55 P.M. Second hour classes meet.

(All students are expected to register on this date.)

Saturday, April 5 thru Saturday, April 12..... Easter Recess

Saturday, April 19..... Classes resume work

Saturday, May 31..... Memorial Day weekend

Saturday, June 7..... Final Examinations

June 8-10..... Commencement Program

GRADUATE DEPARTMENT—SATURDAY SESSION

1946-47

GENERAL INFORMATION

1. Announcement of the graduate program:

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

2. The Graduate curriculum:

- 6 Semester Hours—Seminar in Elementary Education and Supervision.
- 6 Semester Hours—Workshop in Elementary Education.
- 4 Semester Hours—Thesis.
- 6 Semester Hours—English and/or Social Studies.
- 6 Semester Hours—Unrestricted electives in one academic field.
- 4 Semester Hours—Electives in any field.

32

3. Standards for a graduate degree:

- 1. The quantitative requirement for the Master of Education degree shall be the completion of thirty-two semester hours of graduate credit.
- 2. No graduate degree shall be issued to a student who has not completed a minimum of a year's work in residence at Buffalo. If the residence has been met preceding candidacy for the Master's degree, up to one-fourth of total requirement (8 hours) may be transferred as graduate credit from another accredited college or university. In any case, the last sixteen hours preceding the award of the Master's degree must be taken at Buffalo.

4. Graduate work limited to Summer Session and Extension Department:

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

5. Admission Requirements:

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

6. Registration; Fees:

Registration for Graduate Department classes in the Extension Department will be held Saturday, September 14, 1946 and Saturday, February 1, 1947, in the College Library. Please report first, in each case, to the Auditorium at 9 o'clock, for Assembly and further instructions.

Graduate Department fees are \$7.50 per credit hour or \$22.50 for a three credit course.

7. Application for admission to the Graduate Department:

- A. Secure *admission blank* from the office of the Director of the Extension Department which blank will outline fully the procedure to be followed.
- B. If you do *not* hold your Bachelor's degree from New York State College for Teachers, Buffalo, write to the college which granted your degree and ask that an official transcript be mailed to the Registrar, New York State College for Teachers, 1300 Elmwood Ave., Buffalo 9, N. Y.
- C. Make every effort to have application blank and all other data required in the hands of the Registrar before September 6th, if you wish to enter the Graduate Department the first semester; by January 1st, 1947, if you wish to enter the second semester; and by May 1st, for the 1947 Summer Session.

EXTENSION DEPARTMENT

SATURDAY SESSION

GRADUATE COURSES, 1946-7

The maximum load in the graduate department, Extension Session, will be one three hour course each semester.

The following is a tentative schedule of courses to be offered during the college year 1946-7. Other courses may be organized if the demand for them is sufficient.

FIRST SEMESTER

- | | |
|--|---|
| Seminar in Elementary Education, Ed. 501x..... | Dr. Crayton |
| Elementary School Principalship B, Ed. 504x..... | Dr. Pugsley
(Operation of the Elementary School) |
| Studies in 20th Century European History, S.S. 501x..... | Dr. Mason |
| Science in the Elementary Curriculum, Sci. 500x..... | Dr. Brown |

SECOND SEMESTER

- | | |
|--|----------------|
| Evaluation Techniques in the Elementary School, Ed. 505x... | Dr. Hertzberg |
| Studies in American Literature, Eng. 502s..... | |
| Geography of Eastern Asia, Geog. 500x..... | Dr. Whittemore |
| The United States and Its Inter-American Relations, S.S. 502x. | Dr. Peterson |

UNDERGRADUATE

COURSE OFFERINGS

1946-1947

FIRST SEMESTER

9:00-10:40 A.M.

- | | Room |
|--|---|
| Workshop in the Crafts, Art x400..... | Mr. Winebrenner Craft Shop
(Leather, Metals, Pottery, Jewelry) |
| Recent Drama, Eng. x203..... | Dr. Thurber 217 |
| Fundamentals of Mathematics, Math x301..... | Dr. Ebert 204 |
| or | |
| College Algebra, Math x202..... | Dr. Ebert 204 |
| Physiology and Hygiene, Sci. x421..... | Miss Dupre V-210 |
| Colonial American History to 1789, S.S. x304.. | Miss Stockberger 117 |

10:50 A.M.-12:30 P.M.

- | | |
|---|------------------|
| Geography of Europe, Geog. x403..... | Miss Svec 115 |
| Mental Hygiene I or II, Psy. x402..... | Dr. Quayle 222, |
| Physics I, Sci. x203..... | Mr. Sheel V-208 |
| or | |
| Physics II, Sci. x204..... | Mr. Sheel V-208 |
| Contemporary World Problems, S.S. x427..... | Dr. Albright 119 |

SECOND SEMESTER

9:00-10:40 A.M.

- | | |
|---|----------------|
| History of the Drama, Eng. x401..... | Dr. Holman 217 |
| Geography of South America, Geog. x401..... | 115 |
| Everyday Science Problems, Sci. x412..... | Mr. Vail V-211 |
| Juvenile Delinquency, S.S. x417..... | 119 |
| or | |
| Social Psychology, S.S. x404..... | 119 |

10:50 A.M.-12:30 P.M.

- | | |
|--|-----------------|
| Art Workshop, Art x406..... | Mrs. Heyman 208 |
| British, French and American Lit, 1880-1914, Eng. x305 | Mr. Drew 214 |
| Plane Trigonometry, Math. x202..... | Dr. Johnson 204 |
| Genetics, Sci. x401..... | Dr. Fretz V-210 |
| History of the Far East, S.S. x310..... | 117 |

GENERAL INFORMATION

1. Teachers in service and properly qualified undergraduates will be admitted to Extension courses.
2. A fee of \$7.50 is charged for each semester hour. Special exceptions may be made in the case of regular students and faculty. No refunds will be made unless the course is discontinued. Fees are payable at registration.
3. While credit is granted for the completion of all credit courses the application of such credit to the specific program of any student is subject to the approval of the Registrar. Extension credit is transferable to other academic institutions, in accordance with the regulations of such institutions.
4. If a student wishes to be considered a candidate for a degree he is expected to secure, either by mail or by personal interview, evaluation of his program from the Registrar in order that he may be sure that work taken will fit his individual need.
5. Extra-mural courses will be organized in convenient centers where the demand is sufficient to justify it. Communication with the Director is urged.
6. Third year Buffalo State Teachers College graduates taking extra-mural courses are warned not to expect credit toward degree if such courses fall within the last sixteen hours of required residence. Extra-mural credit does not count towards the residence requirement if the first three years' work of the candidate were taken elsewhere.
7. Classes under ten, as an absolute minimum, will not be organized except in exceptional cases of required subjects necessary for immediate graduation.
8. The right is reserved to make any necessary alterations in the course offerings listed in this catalog without notice.
9. Any students who have questions relative to courses, requirements or other matters pertaining to extension work, please write to R. E. Albright, Director of Extension, New York State College for Teachers, Buffalo, 9, N. Y.

APPLICATION FOR DIPLOMA

Students expecting to qualify for degrees in January or June of any year are required to make application in the Registrar's office for such degree by November 1 of the year in which they expect to graduate. Diplomas will not be ordered for students who fail to make application, and the College cannot be responsible for the graduation of any who fail to make application. Students completing the requirements for the degree during the Summer Session are required to make application for the degree before the close of the Summer Session.