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### College Catalog, 1943-1944

Buffalo State College

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State Teachers College  
**BULLETIN**

BUFFALO, NEW YORK

VOL. XI, No. 2

STATE TEACHERS COLLEGE  
AT BUFFALO

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

*Catalog Issue*

1943-1944



STATE UNIVERSITY COLLEGE  
1700 ELMWOOD AVENUE  
BUFFALO, N. Y. 14222

# State Teachers College At Buffalo



CATALOG, 1943-1944

One of four Publications Issued quarterly by State Teachers  
College at Buffalo, N. Y.

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STATE UNIVERSITY COLLEGE  
1310 ELMWOOD AVENUE  
BUFFALO, N. Y. 14222



MAIN BUILDING—SIDE VIEW

THE UNIVERSITY OF THE STATE OF NEW YORK  
Regents of the University

With years when terms expire

- 1955 THOMAS J. MANGAN M.A., LL.D., *Chancellor* - Binghamton  
 1945 WILLIAM J. WALLIN M.A., LL.D., *Vice Chancellor* - Yonkers  
 1950 ROLAND B. WOODWARD M.A., LL.D. - - - - - Rochester  
 1951 WM. LELAND THOMPSON B.A., LL.D. - - - - - Troy  
 1948 JOHN LORD O'BRIAN B.A., LL.B., LL.D. - - - - - Buffalo  
 1952 GRANT C. MADILL M.D., LL.D. - - - - - Ogdensburg  
 1954 GEORGE HOPKINS BOND Ph.M., LL.B., LL.D. - - - - - Syracuse  
 1946 OWEN D. YOUNG B.A., LL.B., D.C.S., LL.D.,  
 LL.D. - - - - - New York  
 1949 SUSAN BRANDEIS B.A., J.D. - - - - - New York  
 1947 C. C. MOLLENHAUER LL.D. - - - - - Brooklyn  
 1944 GORDON KNOX BELL B.A., LL.B., LL.D. - - - - - New York  
 1953 W. KINGSLAND MACY B.A. - - - - - Islip

**President of the University and Commissioner of Education**  
 GEORGE D. STODDARD B.A., Ph.D., LL.D., Litt.D.

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**State Historian**

ARTHUR POUND B.A., L.H.D.

STATE UNIVERSITY COLLEGE  
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 BUFFALO, N. Y. 14222

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	Term Expires
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THOMAS B. LOCKWOOD .....	1947
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ALBERT HART HOPKINS .....	1946
HELEN Z. M. RODGERS.....	1945

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ISABEL HOUCK KIDENEY.....	<i>Registrar</i>
MARION CLARK BREENE.....	<i>Financial Secretary</i>

*Director of Naval Ed.*

### CALENDAR

1943

Friday, January 29—First Semester ends  
 Monday, February 1  
 and  
 Tuesday, February 2—Registration—Second Semester  
 Wednesday, April 21 (Noon)—Easter Vacation begins  
 Monday, May 3—Classes resume work  
 Friday, June 11—Second Semester ends  
 June 13-15—Commencement Program

#### Summer Session 1943

Tuesday, July 6—Registration  
 Wednesday, July 7—Instruction begins  
 Friday, August 13—Summer Session ends

#### College Year 1943-1944

Monday, September 13  
 and  
 Tuesday, September 14—Registration—First Semester  
 Wednesday, September 15—Instruction begins  
 Wednesday, November 24 (Noon)—Thanksgiving Recess begins  
 Monday, November 29—Classes resume work  
 Wednesday, December 22 (Noon)—Christmas Vacation begins  
 Monday, January 3—Classes resume work  
 Friday, January 28—First Semester ends  
 Monday, January 31  
 and  
 Tuesday, February 1—Registration, Second Semester  
 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

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College Year 1944-1945

Monday, September 11  
and  
Tuesday, September 12—Registration—First Semester  
Wednesday, September 13—Instruction begins  
Wednesday, November 22 (Noon)—Thanksgiving Recess begins  
Monday, November 27—Classes resume work  
Friday, December 22 (Noon)—Christmas Vacation begins  
Monday, January 8—Classes resume work  
Friday, January 26—First Semester ends  
Monday, January 29  
and  
Tuesday, January 30—Registration, Second Semester  
Wednesday, March 28 (Noon)—Easter Vacation begins  
Monday, April 7—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  
and  
Tuesday, September 11—Registration—First Semester  
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  
and  
Tuesday, January 29—Registration—Second Semester  
Wednesday, April 17 (Noon)—Easter Vacation begins  
Monday, April 29—Classes resume work  
Friday, June 7—Second Semester ends  
June 9-11—Commencement Program



CAMPUS AND GROUP OF BUILDINGS, STATE TEACHERS COLLEGE AT BUFFALO.

STATE UNIVERSITY COLLEGE  
1200 ELMWOOD AVENUE  
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A.M.
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*Director of Extension*  
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Stanford University, Ph.D.
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*Assistant Principal of the School of Practice*  
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*Head of Department*  
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*Head of Department*  
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- \* REUBEN S. EBERT.....*Professor of Mathematics*  
*Head of Department*  
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Columbia, A.M.; New York University
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*Director of Research*  
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A.M., Ph.D.
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Western College, A.B.; Oberlin College; University of Cali-  
fornia, A.M.; Guest Student at Physical Education Col-  
leges in Denmark, Sweden and England
- ESTHER MCGINNIS.....*Professor of Home Economics*  
Ohio State University, B.S.; Columbia University, M.S.;  
University of Minnesota, Ph.D.

\*Requirements completed for Ph.D. Degree.

- CHARLES A. MESSNER.....*Professor of Languages*  
*Head of Department*  
Wabash College, A.B.; University of Chicago, A.M. (Latin);  
Harvard University, A.M. (Romance Languages); Ph.D.
- IRVING C. PERKINS.....*Professor of Vocational Education*  
*Head of Department*  
University of New Hampshire, B.S.; University of Buffalo,  
A.M.
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*Head of Department*  
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*Head of Department*  
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*Professor of Education*  
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Ph.D.
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*Head of Department*  
Colgate University, A.B.; State University of Iowa, Ph.D.
- KATE V. WOFFORD.....*Professor of Rural Education*  
*Head of Department*  
South Carolina State College for Women, A. B.; Cornell  
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- STANLEY A. CZURLES.....*Assistant Professor of Art*  
Syracuse University, B.F.A.; M.F.A.; State University of  
Iowa, Ph.D.
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*Acting Dean of Men*  
Columbia University, B.S.; Teachers College, Columbia, A.M.;  
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*Head of Department*  
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Ph.D.

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Knox College, A.B.; University of Minnesota, A.M.; Duke University, Ph.D.
- MARTHA S. PRATT.....*Assistant Professor of Home Economics Education*  
Michigan State College, B.S.; Teachers College, Columbia, A.M.
- GEORGE M. QUACKENBUSH.....*Assistant Professor of Vocational Organization*  
Rensselaer Polytechnic Institute; University of Rochester, B.S. in Education; University of Buffalo, A.M.
- MARGARET S. QUAYLE.....*Assistant Professor of Education*  
Colorado State Teachers College, A.B.; Columbia University, A.M., Ph.D.
- ESTHER F. SEGNER.....*Assistant Professor of Home Economics Education*  
University of Wisconsin, B.S.; University of Minnesota, M.S.
- RUTH E. SPEIR.....*Assistant Professor of Music*  
*Head of Department*  
Virgil School of Music; Columbia University; Skidmore; New York University.
- KATHERYNE THOMAS WHITTEMORE.....*Assistant Professor of Geography*  
*Head of Department*  
Vassar College, A.B.; Clark University, A.M., Ph.D.

## Instructors

- MARION CLARK BREENE.....*Financial Secretary*  
Cornell University, A.B.
- ANN ELDRED BROSSMAN.....(*Acting*) *Instructor in Science*  
Mount Holyoke College, A.B.; Cornell University; New York State College for Teachers, Albany.
- DONALD G. BROSSMAN.....*Instructor in Printing*  
State Teachers College at Buffalo, B.S.; New York University.
- HOMER A. BRUCE.....*Instructor in Education*  
Arkansas State Teachers College, L. I.; University of Oklahoma, B.S.; Teachers College, Columbia, A.M.
- MARY LOUISE COCKEFAIR.....*Instructor in Home Economics*  
University of Wisconsin, B.A.; Oregon State College, B.S.; Cornell University, M.S.
- KENNETH R. COGHILL.....*Instructor in Music*  
State Teachers College, Fredonia, B.S.; Teachers College, Columbia University, A.M.
- HUBERT E. COYER (On leave)....*Instructor in Health Education Department and Coach*  
Springfield College, B.P.E.; University of Buffalo, Ed.M.
- HAROLD C. CRAIN.....*Instructor in English*  
Morningside College, A.B.; Syracuse University, M.A.
- MARION P. DANA.....*Instructor in History*  
Wheaton Seminary; Teachers College, Columbia, B.S., A.M.
- GEORGE C. DECKER (On leave 1942-43) *Instructor in Woodworking*  
Stout Institute, B.S.; Ohio State University, M.A.
- MARGARET DUPRE.....*Instructor in Science*  
Texas State College for Women, B.S.; Teachers College, Columbia, A.M.
- JOHN FONTANA.....*Instructor in Mechanics*  
State Teachers College at Buffalo, B.S.; New York University, A.M.
- VIRGINIA M. FROST.....*Instructor (part-time) in Physical Education*  
Nardin Academy; American Red Cross Institute.
- HERTHA S. GANEY.....*Instructor in English and Latin*  
*School of Practice*  
N. Y. State College for Teachers, Albany, A.B.; Teachers College, Columbia, A.M.
- CARLTON J. GERBRACHT.....(*Acting*) *Instructor in Woodworking*  
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ELEANOR M. GOVER.....*Instructor in Sixth Grade School of Practice*  
 State Teachers College at Buffalo; University of Buffalo, B.S.; Teachers College, Columbia, A.M.

ANDREW W. GRABAU.....*Instructor in English*  
 State Teachers College at Buffalo; University of Buffalo, B.S.; Teachers College, Columbia, A.M.

MARGARET A. GRANT.....*Instructor in Home Economics Education*  
 State Teachers College at Buffalo, B.S.; Cornell University, M.S.

CAROLYN W. HEYMAN.....*Instructor in Art*  
 New York School of Fine and Applied Art; Western Reserve University, B.S.; New York University, A.M.

\*ALFRED HOLMAN, JR.....*Instructor in English*  
 Centre College, B.A.; University of Cincinnati, M.A.

MARY L. JAMISON.....*Kindergarten Instructor School of Practice*  
 Oswego State Normal School; Teachers College, Columbia, B.S., A.M.

ARLINE JOHNSON.....*Instructor in Home Economics Education*  
 Kansas State College, B.S., M.S.

\*HARRY C. JOHNSON.....*Instructor in Mathematics and Science School of Practice*  
 University of Minnesota, B.S., A.M.

RUTH MCLEAN KARCHER.....*Instructor in Art*  
 Ohio Wesleyan University, A.B.; Teachers College, Columbia, A.M.

FAYE KEEVER.....*Instructor in Home Economics*  
 University of Minnesota, B.S.; Teachers College, Columbia, A.M.

ISABEL HOUCK KIDENEY.....*Registrar*  
 Cornell University, A.B.

INEZ M. KNAPP.....*Instructor in Fourth Grade School of Practice*  
 State Teachers College at Buffalo; University of Buffalo, B.S.; Teachers College, Columbia, A.M.

MARY LOUISE MCMAHON.....*Instructor in Music*  
 Elmira College; Cornell University; State Teachers College at Buffalo, B.S.; New York University, A.M.; University of Southern California.

LESTER B. MASON.....*Instructor in History*  
 Dartmouth College, A.B.; Columbia University, A.M.; Cornell University, Ph.D.

\*Requirements completed for Ph.D. Degree.

MARTHA G. METZ.....*Instructor in First Grade School of Practice*  
 State Teachers College at Buffalo, B.S.; University of Michigan, A.M.

EDWARD L. MORRICE.....*Instructor in Methods and Practice Teaching*  
 State Teachers College at Buffalo, B.S.

RUTH E. S. MUCK.....(*Acting*) *Instructor in Third Grade School of Practice*  
 State Teachers College at Buffalo, B.S.

MAY C. NYE.....*Instructor in Home Economics*  
 Oberlin College, A.B.; Teachers College, Columbia, A.M.

STELLA O'REILLY.....*Instructor in Fifth Grade School of Practice*  
 State Teachers College at Buffalo, B.S.

RUTH PALMER.....*Instructor in Home Economics*  
 Cornell University, B.S., M.S.

GERTRUDE ROACH.....*Instructor in Health Education*  
 Buffalo General Hospital, R.N.; State Teachers College at Buffalo, B.S.; New York University, A.M.

THERESA A. ROEHLER.....*Instructor in Second Grade School of Practice*  
 State Teachers College at Buffalo; University of Buffalo, B.S.; New York University, A.M.

HAROLD J. ROESSER (On leave).....*Instructor in Science*  
 Canisius College, B.S.; University of Missouri (School of Mines and Metallurgy), M.S.

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 University of Buffalo, B.S., M.A.

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 Oberlin College, A.B.; New York University, M.A.

ALMA R. ROUDEBUSH.....*Instructor in Home Economics*  
 Ohio State University, B.S.; Teachers College, Columbia, A.M.

WINIFRED SALOM.....*Instructor in Health Education*  
 Savage School of Physical Education; New York University, B.S., A.M.

MURIEL S. SHOEMAKER (On leave 1942-43)....*Instructor in Third Grade School of Practice*  
 University of California, B.S., Teachers College, Columbia, A.M.

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- MARGUERITE STOCKBERGER... *Instructor in History and Social Studies*  
*School of Practice*  
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- M. MELVINA SVEC..... *Instructor in Geography*  
*School of Practice*  
 University of Wisconsin, A.B., A.M.
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 University of Michigan, B.S.; Teachers College, Columbia, A.M.
- 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.
- D. KENNETH WINEBRENNER..... *Instructor in Art*  
 State Teachers College, Indiana, Pa., B.S. in Art Education;  
 Teachers College, Columbia, A.M.

**Instructors**

*School No. 52 (276 Bird Avenue)*

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- 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*

**Administrative and Clerical Assistants**

- ALEEN BEYER ACKERMAN, A.B. *Assistant in Extension Department*  
*Director of Publicity*
- MARION F. AYERS, R.N..... *Assistant College Nurse*
- MARION BUCHHOLZ, A.B.; B.S. in Library Science *Assistant Librarian*
- HARRY W. CURTIN..... *Superintendent of Buildings and Grounds*
- CHARLOT MOEHLAU FETTERMAN, B.S..... *Manager of the Bookstore*
- CAROL CRANE FRAZEE, B.S..... *Alumni and Placement Secretary*
- MARGARET O'BRIAN FRITTON..... *(Acting) Assistant Registrar*
- MABEL B. GILBERT..... *Cafeteria Director*
- ETHEL M. H. HANSEN, R.N..... *College Nurse*
- H. L. LEVIN, M.D..... *Psychiatric Consultant*
- MARIETTA RINDONE..... *Assistant Manager of the Bookstore*
- JOHN V. WADSWORTH, M.D..... *College Physician*
- KATHRYN S. GRAHAM..... *Senior Stenographer*
- CLARA BAUER..... *Stenographer*
- MILDRED G. BUNTING..... *(Acting) Stenographer*
- JANE L. DIADDARIO..... *Stenographer*
- BERDENA C. DOLBERG..... *Stenographer*
- AGNES H. LOUCHREN..... *Stenographer*
- MARY M. MAY, B.A..... *Stenographer*

**FUNCTION OF THE COLLEGE**

State Teachers College at Buffalo was created by a Legislative act for the express purpose of educating teachers for the public schools of New York State. In order that it may fulfill this purpose best, it recognizes the importance of offering a good cultural background and the development of strong, wholesome, personalities as well as the development of professional knowledge and skill as its major obligations to each student enrolled.

Primarily, those who wish to dedicate themselves to the profession of teaching are urged to enroll. At the same time it urgently welcomes the student who is interested in a career other than teaching.

Four curriculums are offered, namely:

1. **General**, primarily for those interested in teaching in the elementary schools, kindergarten through eighth grade. This program is also adaptable to those who are more interested in an education for a career other than teaching.
2. **Home Economics**, preparing teachers of Home Economics in the elementary and secondary schools.
3. **Industrial Arts**, preparing teachers of (a) Industrial Arts in the elementary and secondary schools (b) vocational and allied subjects in vocational schools.
4. **Art Education**, preparing teachers of Drawing and Art in the elementary and secondary schools.

STATE UNIVERSITY COLLEGE  
 1300 ELMWOOD AVENUE  
 BUFFALO, N. Y. 14222

## 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

### 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.

5. Only candidates having an average of 72% or more will be considered.

6. All candidates are required to take the matriculation examinations given some time in May. (Exact date to be announced by the State Education Department.)

7. Each candidate is required to present himself, at an appointed time, for a personal interview, a voice test, and a physical examination.

8. 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.

9. 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.

#### 10. When and How to Apply:

a. Those wishing admission in September should file their application with the Registrar by May 1.

b. Application forms may be secured from your high school principal or by writing to the Director of Admission, State Teachers College, Buffalo.

\* Passing of Regents examinations is required in all starred subjects in which Regents examinations are given.

c. Get your application form by April 1, fill out first page, then have your principal fill in the remainder and mail.

1) Grades for first 3½ years study will be reported for Seniors in their last semester of work. Supplementary forms will be provided for submitting the last semester's work, upon its completion.

2) High School graduates will submit the complete 4 year record.

d. Be sure and inquire about the first of April concerning the date of the matriculation examinations and make every effort to take them when given.

#### 11. After Examinations and Filing of Application:

a. Candidate has personal interview by appointment with College representative.

b. Also has Speech test and Physical Examination.

c. Candidates will be notified as early as possible of acceptance or rejection.

d. Candidates rejected who enter other institutions will not be eligible for transfer to the State Teachers College at Buffalo until they have completed at least one year of work elsewhere and made a creditable record.

12. 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.

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

## ADMISSION TO ADVANCED STANDING

Applicants for admission to advanced standing in September are required to file written application in the office of the Director of Admissions before August 1. Candidates who have previously attended a college other than the New York State Colleges for Teachers are required to file the regular printed application form which will be furnished upon request, and 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 admitted, the transcript becomes a part of the permanent files of 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. All candidates who have not matriculated previously at one of the New York State Colleges for Teachers will be required to take the entrance examinations and report as requested for personal interviews and physical examination.

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A graduate of a former New York State normal school applying for admission to the fourth year class is required to file a letter of application and have an official transcript of his normal school record sent directly to Buffalo State Teachers College by August 1st.

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

Saturday class and Summer Session credit earned in intramural courses of this college, 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 entering college in June 1943 (special eight weeks summer session) will be able to complete the regular four years college work in three years, by June 1946. This is accomplished by taking the regular yearly sessions and three special eight-weeks summer sessions during the summers of 1943, 1944, and 1945. Thus one will be able to begin teaching or enter other profession or vocation chosen a year earlier than has been possible in the past. If fuller details of this program are desired write to the Dean of the college.

### REQUIRED 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:

	<i>Per Year</i>
Registration Fee .....	\$10 00
Blanket Tax .....	11 00
Health Examination Fee .....	2 00
Tuition for Art Education Dept. (for each of the first 3 years) .....	125 00

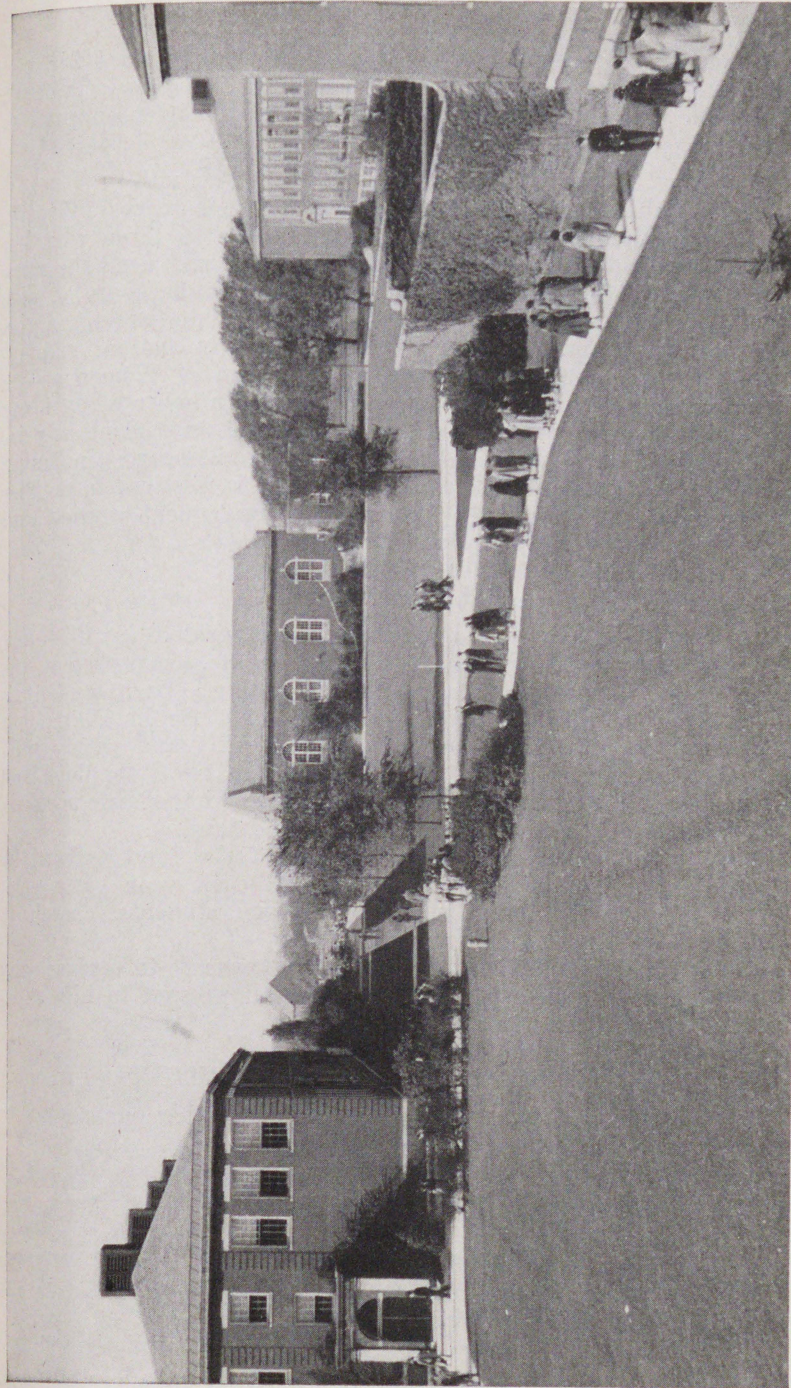
### ESTIMATED EXPENSES

#### *Books and Supplies:*

For General College Dept.....	35 00
For Art Education Dept. ....	35 00
For Home Economics Dept.....	50 00
For Industrial Arts Dept.....	35 00

#### *Extra-Curricular Activities:*

Membership dues and participation average.....	20 00
Subscriptions and incidental average.....	15 00



VIEW OF QUADRANGLE FROM MAIN BUILDING, WITH VOCATIONAL BUILDING ON LEFT, GYMNASIUM IN CENTER BACKGROUND, AND SCHOOL OF PRACTICE ON THE RIGHT

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### Meals

Expenditure for lunch in the cafeteria approximates 28c per day per student. Substantial home-cooked food is served at minimum prices for both noon-time lunches and for suppers as arranged.

### 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. 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.

### 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 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.

### 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.
6. All students absent from College for any reason must get a permit before re-entering classes. Students absent because of illness must get a permit from the Office of the College Nurse. If the absence demands a make-up permit as explained in No. 3 above, the Nurse's permit must be presented to the Office of the Dean. If no make-up card is required, get permit signed by each instructor whose class was missed and then present initialed permit to the Registrar's Office within a week for filing. Students absent because of reasons other than illness report for permit at the Office of the Dean, then proceed as indicated above.
7. Students taken ill during college hours are expected to report to the nurse before leaving the campus or absenting themselves from classes.

### 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 undergraduate 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.

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.

### 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. Those who are eligible for a license to teach general subjects in secondary schools may qualify for the extension of the license to include the teaching of the common branch subjects in elementary schools by completing 30 semester hours of work in this 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 organization, equipment, and techniques suitable to the 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.

### 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.

### 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.

### 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.

### EXTRA-CURRICULAR ACTIVITIES

A variety of extra-curricular activities is offered for student participation. Freshmen are urged to select membership in these and to continue to contribute to them during their college course. Upperclassmen usually add a sampling of others for wider interests and for group experience. These extra-curricular activities provide abundant opportunities for social relationships, leadership training, civic responsibility and development of hobbies or special abilities.

### PUBLICATIONS

**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.

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✓ **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.

#### PROFESSIONAL CLUBS

✓ **Art Education Club** for students in the Art Education Department is a chapter of the Junior Eastern Arts Association. It endeavors to bring art education into prominence and to provide art instruction where needed.

✓ **Association of Childhood Education** is a student branch of the national association which has been established for those especially interested in early childhood.

✓ **Home Economics Club** is affiliated with the American Home Economics Association and provides for the development of leadership among its members and for service to college and community.

✓ **Rural Club** is open to all students who desire acquaintance with rural conditions and who are interested in the rural phase of education or who are preparing for leadership in rural situations.

✓ **The Future Teachers of America** established its Daniel Upton chapter here to satisfy many of the practical needs of the teacher in training.

#### CULTURAL INTEREST CLUBS

✓ **The Art Kraft Klub** develops and maintains artistic standards in the college by enhancing the beauty of surroundings, by developing arts and crafts wherein creative talent may be advanced, and by promoting allied interests in the other departments.

✓ **Les Amateurs de la France** fills a long felt need for a cultural society in the modern language field. The purpose of the organization is to cultivate an understanding and appreciation of the culture, customs, language, and arts of the French people.

✓ **The International Relations Club** offers exceptional opportunities for those who are interested in current world affairs. In its annual program, there are included lectures by prominent speakers and discussions in which the students are urged to present their personal views.

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

#### FINE ARTS CLUBS

✓ **The Dramatic Club**, through its Casting Hall, opens tryouts for parts in plays, for costume or scenery design and construction. Participation develops further skill in oral expression, originality in various creative fields and, at the same time, delightful social

relationships. Its usual productions are the noteworthy plays given at Christmas and during the spring. These draw not only an enthusiastic student audience but also a large attendance from the community.

✓ **Musical Organizations** constitute an active phase of college life. There are four Glee Clubs which provide music and social activity for all who are eligible through music ability; The Women's Senior Glee Club for upper classmen, the 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.

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

#### RELIGIOUS AND SOCIAL SERVICE CLUBS

✓ **Men's Campus Club** conducts a variety of activities for the men of the college. Informal athletic and social events are balanced by serious discussion of student problems at informal dinner meetings.

✓ **The Newman Club** is affiliated with the National Federation of College Catholic Clubs. Its aim is to enrich the spiritual, cultural and social life of the student members by sponsoring retreats, corporate communions and lectures by prominent speakers.

✓ **The Non-Resident Association** studies and promotes the interests of all out-of-town women in the college. It also endeavors to influence the adjustment of the individual in a new environment by furthering the acquaintance and social experience.

✓ **Young Women's Christian Association** maintains religious and social activities open to young women of any sect, creed or denomination. It has a wide variety of program features to serve the interests of its members and the needs of the college or community. It conducts Religious Round Tables which are primarily concerned with problems in secular education which confront the personal ethical or religious belief of the student. It also sponsors the annual freshman camp for women.

#### HONORARY ORGANIZATIONS

✓ **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.

✓ **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 skills.

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✓ **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.

✓ **Nu Lambda Sigma** is the women's honorary literary organization of the college 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.

✓ **Phi Upsilon Omicron** is Mu chapter of the national fraternity. Members are selected from the upper classes for high scholastic record and qualities of leadership in college activities. The group contributes to institutional activities for the common good and to national projects through editorial work for the American Home Economics Association and through distribution of materials concerning Consumer Education Problems.

✓ **Sigma Upsilon** is Delta chapter of the national fraternity and is the first chapter granted to a teacher-education institution. It encourages creative writing and an interest in literature by annual contests in the writing of stories, drama, poetry and the essay.

#### FRATERNAL ORGANIZATIONS

✓ **Sororities:** There are six national sororities represented by local chapters. Alpha Sigma Alpha, Alpha Sigma Tau, Delta Sigma Epsilon, Pi Kappa Sigma, Sigma Sigma Sigma and Theta Sigma Upsilon. Membership is by invitation which is extended after a rush season during which acquaintance has culminated in selection on the basis of mutual purposes and interests. The local inter-sorority governing body is the Panhellenic Association.

✓ **Fraternities:** Delta Kappa, Psi Phi and Sigma Tau Gamma, with state or national affiliations, are governed by the Inter-fraternity Council. Their objectives are: promotion of leadership, fellowship and academic success. Each fraternity maintains a house which provides living quarters and opportunities for social activities.

#### CENTRAL GOVERNING BODY

✓ **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.

## CALENDAR OF CAMPUS EVENTS

(Subject to revision for the duration)

Freshman Camp for Women.  
A Junior Counselor Program. *Leadership Day*  
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

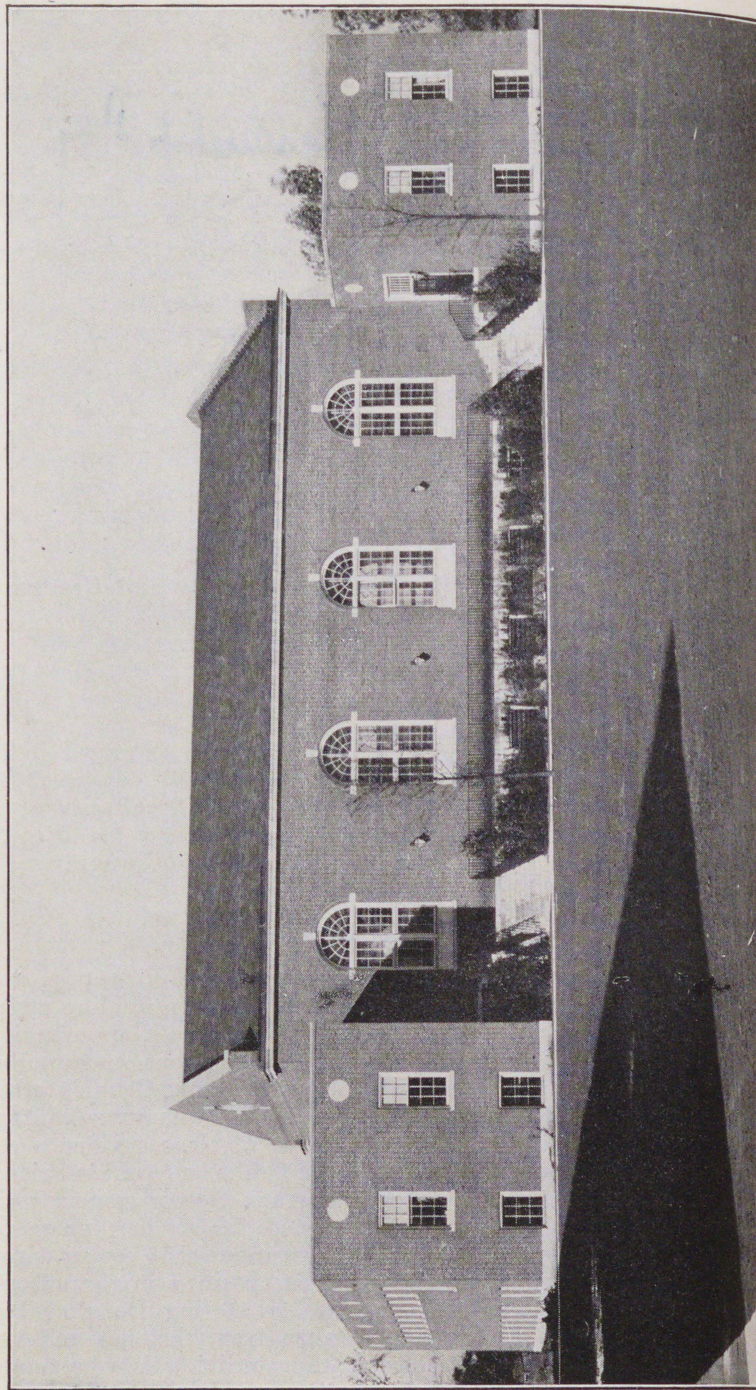
Group meetings, teas, and entertainments are arranged in the Social Centers which have been furnished and equipped for large or small gatherings. These are open for hospitality at all times to students and faculty who wish to use their facilities for free hours between classes or to reserve them for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

#### 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.

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GYMNASIUM

The present quotation as to rate for room and board, including two meals per day, is \$10.00 per week and for light housekeeping is \$4.00 per week. Residence is arranged for an entire year unless emergencies arise which warrant cancellation of agreement.

### 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 showerroom 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 Miss Carol C. Frazee is placement secretary for the bureau. This bureau is open and ready to serve both the schools and the graduates of the college during twelve months of the year.

### LIBRARY FACILITIES

The college library, located on the second floor of the Administration Building, contains over 27,000 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.

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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 to 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 PLANT

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 Depart-

ment 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 a complete junior high school unit 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 boundary 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.

### 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.

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## GENERAL ELEMENTARY CURRICULUM

Course Titles	FIRST YEAR			
	First Semester		Second Semester	
	Class Hours	Semester Hours	Class Hours	Semester 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
<b>Total hours.....</b>	<b>22</b>	<b>16</b>	<b>22</b>	<b>16</b>

Course Titles	SECOND YEAR			
	First Semester		Second Semester	
	Class Hours	Semester Hours	Class Hours	Semester 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
<b>Total hours.....</b>	<b>20</b>	<b>16</b>	<b>20</b>	<b>16</b>

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

\* 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.  
 \*\* An elective is sometimes substituted for this course.

Course Titles	FOURTH YEAR			
	First Semester		Second Semester	
	Class Hours	Semester Hours	Class Hours	Semester 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.....	.....	.....	4	2
H. Ed. 402* Health Protection.....	.....	.....	3	3
Electives.....	.....	.....	.....	.....
<b>Total hours.....</b>	<b>30</b>	<b>15</b>	<b>19</b>	<b>17</b>

† 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			
	First Semester		Second Semester		First Semester		Second Semester	
	Class Hours	Semester Hours	Class Hours	Semester Hours	Class Hours	Semester Hours	Class Hours	Semester 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	.....	.....	.....	.....
<b>Total hours.....</b>	<b>21</b>	<b>16</b>	<b>30</b>	<b>15</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>

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

Course Titles	FIRST SEMESTER				SECOND SEMESTER			
	First Semester		Second Semester		First Semester		Second Semester	
	Class Hours	Semester Hours	Class Hours	Semester Hours	Class Hours	Semester Hours	Class Hours	Semester 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	.....	.....	.....	.....	.....	.....
<b>Total hours.....</b>	<b>19</b>	<b>16</b>	<b>21</b>	<b>16</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>

## FOURTH YEAR

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

Course Titles	FIRST SEMESTER				SECOND SEMESTER			
	First Semester		Second Semester		First Semester		Second Semester	
	Class Hours	Semester Hours	Class Hours	Semester Hours	Class Hours	Semester Hours	Class Hours	Semester Hours
Ed. 402 Seminar in Elementary Education.....	3	3	.....	.....	.....	.....	.....	.....
Eng. 402 Contemporary Literature.....	3	3	.....	.....	.....	.....	.....	.....
S. S. 401 Sociology.....	3	3	.....	.....	.....	.....	.....	.....
Geo. 401 General Geography II.....	3	3	.....	.....	.....	.....	.....	.....
H. Ed. 401* 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	.....	.....	.....	.....
<b>Total hours.....</b>	<b>19</b>	<b>17</b>	<b>19</b>	<b>16</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>

\* In Health Education and Physical Education, two extra hours per week are devoted to recreational activities for which no credit is given.  
 \*\* An elective is sometimes substituted for this course.

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

Course Titles	FIRST SEMESTER				SECOND SEMESTER			
	First Semester		Second Semester		First Semester		Second Semester	
	Class Hours	Semester Hours	Class Hours	Semester Hours	Class Hours	Semester Hours	Class Hours	Semester 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. 401* Health Protection.....	.....	.....	4	2	.....	.....	.....	.....
Electives.....	.....	.....	3	3	.....	.....	.....	.....
<b>Total hours.....</b>	<b>30</b>	<b>15</b>	<b>19</b>	<b>17</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>

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

## 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.

**Art. 101-102. Essentials of Art.** For description and requirements. See Art. Education Department, p. (70).

**Art. 201. Art in Every Day Life.** For description and requirements. See Art. Education Department, p. (70).

**Art. 301-302. History of Art I and II.** For description and requirements. See Art Education Department, p. (70).

**Art. 421. Art Appreciation.** For description and requirements. See Art. Education Department, p. (70).

**Art. 423. Fine and Functional Arts.** For description see page (70).

### EDUCATION

Professors Root, Hertzberg, Allen, Crayton, Pugsley, Sloan, Steel, Wofford; Assistant Professors Hirsch, Quayle; 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. With suitable adaptations, required of all Art Education and Home Economics Freshmen, and of Industrial Arts Sophomores. Four hours per week except when not 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. Four hours per week. 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.

### 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 to 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 educational 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 School Teaching

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; administrative problems of the classroom teacher in the state of New York; the professional responsibilities of the teacher in our constitutional democracy; the teacher's philosophy. Required of all General Elementary Seniors. Prerequisites: Ed. 101-102, 201-202, 301-302. Each semester. Credit: three semester hours.

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## 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; Mr. Grabau, Mr. Crain, Mr. Holman, Mrs. Ganey, Miss Hirsch.

**101. Fundamentals of Written Composition.** Sentence, paragraph, and theme structure; study of examples; dictionary usage; weekly themes; term paper. Required of all Freshmen. Each semester. Credit: three semester hours.

**201. Advanced Composition.** Practice in writing various types and forms. Seeks improvement in style, construction, and power in expression; encourages creative thinking. Required of all Sophomores. Each semester. Credit: three semester hours.

**201-202. (Old Curriculum) Survey of Literature.** Required of all Art Education Sophomores. Credit: six semester hours.

**102. Fundamentals of Speech.** Mechanics of technique, presentation, and interpretation; eradication of individual difficulties. Required of all Freshmen. Each semester. Credit: three semester hours.

**202. Advanced Oral Composition.** Seeks facility and skill in expression; practice in platform work; improvement in posture, enunciation, and delivery. Required of Sophomores. Each semester. Credit: three semester hours.

**203. Recent Drama.** The drama from Ibsen to the present, with a discussion of the romantic, the realistic, and the impressionistic techniques; the drama of social consciousness; the psychological conception of character; the decay of the tragic ideal, and explorations in new directions. Among others Ibsen, Strindberg, Chekov, Galsworthy, Pineo, O'Neill, Barrie, Howard, and Anderson will be studied. Sophomore Elective. Each semester. Credit: three semester hours.

**210. Children's Literature.** Study of the various 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 and format of books, reading interests of children, and preparation of bibliography. Elective for Sophomores, Juniors and Seniors. Each semester. Credit: three semester hours.

**301. Play Production.** A course dealing with the fundamentals of dramatic production. It includes a brief survey of the various historical methods governing the drama; assists in the choice and adapting of dramatic materials; deals with costuming, scenery, and stage business. Students are required to direct plays with emphasis upon children's drama, and are given some experience in the dramatizing of literature. Elective for Juniors and Seniors. Credit: three semester hours.

**303. English Literature.** Survey of English literature from the beginning to the present. Poetry, essays, drama, fiction and biography. Required of General Elementary Juniors and Seniors. 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 and Seniors. Each semester. Credit: three semester hours.

**401. The Drama.** A survey of the drama excluding Shakespeare and modern plays with emphasis placed upon the varying dramatic influences of the different periods. The course attempts to establish critical standards as a basis for judgment of the drama in the theatre and as literature for the sake of improving the teachers' ability in dramatic arts. Readings include early English, Elizabethan, and Restoration drama, and a few translations of classical and continental plays. Elective for Juniors and Seniors. Credit: three semester hours.

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INTERIOR OF COLLEGE LIBRARY

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 a few tragedies 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.** Basic to this course is a knowledge of Phonetics and voice production. This will be provided at the beginning of the course. The course will cultivate an understanding and appreciation of poetry through general lectures and discussions and through actual participation in the various types of choric speaking. Selections from the classics and modern verse will be used. Choric drama with its possibilities for theatre use will be presented. An opportunity for gaining experience in conducting the verse choir will be offered. Serves both a cultural and practical purpose to teachers who are interested in this new Speech Art form. Upper class elective. Credit: three semester hours.

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

431. **Milton.** Study of his poetry and prose (with special emphasis upon Paradise Lost) together with a biographical study. Elective for Juniors or Seniors. Credit: three semester hours.

432. **Criticism.** An investigation of the methods of the world's great critics in the attempt to develop standards by which the teacher may evaluate the worth of whatever literature that presents itself. Elective for Juniors or Seniors. Credit: three semester hours.

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**433. Eighteenth Century.** This course will include readings in the work of the major writers of prose and poetry during the century, exclusive of the novel and the drama. Some consideration will be given to the development of the other arts as general background material necessary for an understanding of the *milieu* in which the literature was produced. Elective for Juniors or Seniors. Credit: three semester hours.

**General Literature.** (Description of courses under Foreign Language and Literature.)

## 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 nine 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. Prerequisites: 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, 1943. 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. Second semester, 1943. Credit: three semester hours.

**402. Latin Prose Composition.** Basic principles of the Latin language with copious writing of Latin. Prerequisite: 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. First semester, 1943. Credit: three semester hours.

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

**404. French Novel.** Reading of representative French novels from the 17th through the 19th century. Prerequisite: French 201. First semester, 1944. 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, 1943. Credit: three semester hours.

**420. Latin Literature.** Second semester, 1944. 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.

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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. 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. Required of all General Elementary Seniors. Each semester. Prerequisite: Geog. 301. Credit: three semester hours.

ELECTIVE

**302. Geography of North America.** A description of the physical environment of each region followed by discussion of the changing adjustments to this environment and the present pattern of human occupation. Elective. Prerequisite: Geog. 301. Credit: three semester hours.

**Meteorology.** See Science.

**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. Graphic representation and interpretation of climatic data. Second semester. Credit: three semester hours.

**304. Map Interpretation.** Map projections with emphasis upon those used most frequently in navigation and in geographic study. Map orientation; location on maps; use of coordinates. Distance and scale. Reading of contour maps, including relief, slope, visibility. 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. Elective. Prerequisite: Geog. 301. Credit: three semester hours.

**403. Geography of Europe.** A study of 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. 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 lecture and field trips. Laboratory work in the interpretation of the physical landscape through contour maps. Elective. Credit: three semester hours.

**405. Geography of Asia.** A general survey of the continent followed by detailed treatment of areas of greatest importance. 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 field work. 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. 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 in 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 Salom, 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. Prerequisite: Health Education 201-202. Required of General Elementary Juniors. Two hours per week. Both semesters. Credit: one semester hour.

**401. Health Protection.** School and community health problems; school health service; communicable disease control; water supply and sewage disposal; food sanitation; safety education. Prerequisites: Health Education 201-202. Physical Education 301-302. Required of General Elementary Seniors. 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.

MATHEMATICS

Professor Ebert, Mr. Johnson.

**101. General Mathematics.** Development and classification of numbers, formulas, equations, graphs, functions, the way of geometry, finance and investment, mathematics as a useful growing science. Required of General Elementary Freshmen. 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.

**203. War Mathematics.** A course which selects and emphasizes special aspects of mathematics which are of particular immediate value to young men who will participate actively in the war effort, both in the armed forces

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and in the army of production. Topics adjusted to individual needs of students include approximations, significant digits, relative error, measurement, constructions, ratio, proportion, scale drawing, map making, averages, metric units, formulas, equations, plane triangles, 24-hour clock, compass, vectors, triangle of velocities in navigation, great circle measurement. Elective. Each 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

Assistant Professor Speir; Mr. Coghill, Miss McMahon.

**101-102. Essentials of Music.** A survey of current educational procedures. Performance in music reading, song singing, ear training, and conducting. Application of notation and terminology. Functional knowledge of piano keyboard. Required of General Elementary Freshmen. Three hours per week. Both semesters. Credit: four semester hours.

**301. Music Appreciation.** A study of standard musical literature. Current musical events. Required listening to radio or local concerts. Sophomore Elective. Each semester. Prerequisites: Music 101-102. Credit: three semester hours.

**404. Opera.** A survey of dramatic music from the beginning of the seventeenth century to the present. Current operatic events. Junior-Senior Elective. Each semester. Prerequisite: 301 or equivalent. Credit: three semester hours.

**303. Voice.** Fundamental principles of correct use of the singing voice. Song singing and interpretation. Junior-Senior elective. Each semester. Prerequisite: Music 101-102. Credit: three semester hours.

**403. Harmony.** 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. Prerequisites: Music 101-102 or equivalent and some knowledge of the keyboard. Elective for Juniors and Seniors: 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 pre-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. 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), and Mrs. Brossman.

**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. First semester. Four hours per week including laboratory. 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. Second semester. Prerequisites: Science 123. Four hours per week including two-hour laboratory and field period. 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. Both semesters. Four hours per week including laboratory. 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 Sophomores and Juniors. Both semesters. Four hours per week including laboratory. Credit: six semester hours.

**205-206. 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

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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. First semester. Four hours per week including laboratory. 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 Freshmen. 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, electro-plating, and allied processes. Required of all Industrial Arts Juniors. Both semesters. Four hours per week including laboratory. Credit: six semester hours.

Physical Geology. See Geography 303.

**303-304. Inorganic Chemistry.** General college chemistry beyond the lower level of Physical Science. Lectures, demonstrations, laboratory. Elective for General Elementary Juniors and Seniors. Both semesters. Prerequisite: Science 101. Four hours per week including laboratory. 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. First semester. Four hours per week including laboratory. 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. Second semester. Four hours per week including laboratory. 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. Both semesters. Prerequisites: Science 123-124 and Science 223-224. Four hours per week including laboratory. 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. Each semester. Prerequisites: Biology 201-202 or H. E. Biology 223. 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. Second semester. Four hours per week including laboratory. 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. The Community.** 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 Educational Seniors; each semester. Credit: three semester hours.

**403. History of American Foreign Relations.** The diplomacy and foreign relations of the United States from the Revolution to the present time; com-

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THE BUFFALO HISTORICAL BUILDING  
 (The Historical Building, which was the New York State Building at the Pan American Exposition in 1901, is in  
 the foreground. The building is now the Buffalo Historical Building, and is located at the corner of Broadway and  
 State Streets, Buffalo, N. Y.)

parison of the diplomacy of the new world and the old. Elective for 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.

### 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 Home Economics Department is organized to prepare young women to teach home economics in New York State. The graduates of this department receive a Bachelor of Science degree in Home Economics and are eligible to teach homemaking in junior and senior high schools, elementary schools and in adult classes.

The course which is four years in length is planned to provide for the development of the individual; to give her understanding of and experiences in the various phases of homemaking; to give her an understanding of the principles of the natural and social sciences, and of art affecting the home and family; to provide her with experiences which will prepare her to teach home economics effectively in a community and to cooperate with agencies concerned in the betterment of family and community life.

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.

The college maintains a home management house and seniors assume the managerial responsibility while living in the house

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during part of one semester. To provide an additional opportunity to study a child in a home situation, a baby is an important member of the 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 schools in several nearby communities.

Through the 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 experience of the graduates.

### Summer Experience

All Home Economics students are required to secure additional practical experience during the 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 (16) of this catalogue. Registration is limited and students are selected on the same bases as described on page (16).

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 (17).

Address all inquiries regarding the Home Economics Department to the Director of Home Economics Department, State Teachers College at Buffalo.

## HOME ECONOMICS CURRICULUM

### Effective September 1939

Course Titles	FRESHMAN YEAR		Second Semester	
	Class Hours	Sem. Hrs. Credit	Class Hours	Sem. Hrs. 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
	20	16	20	16
SOPHOMORE YEAR				
English 201-202 Composition and Speech II.....	3	3	3	3
S. S. 223 Principles of Sociology.....	4	3	3	3
S. S. 222 Principles of Economics.....	4	3	4	3
Science 224-225 Physical Science.....	6	4	6	4
H. E. 203 The Child and the Family.....	6	4	6	4
H. E. 204 Clothing and Costume Design.....	4	3	4	3
Art 221 Art Essentials.....	3	3	3	3
Elective.....	3	3	3	3
	20	16	20	16
JUNIOR YEAR				
English 301 English Literature.....	3	3	3	3
Science 323-324 Chemistry in the Home.....	4	3	4	3
H. E. 301 Foods and Nutrition.....	5	3	5	3
H. E. 303 Economics of the Household.....	6	4	6	4
H. E. 305 Clothing and Costume Design.....	4	3	4	3
Art 322 Home Furnishings.....	4	3	4	3
Education 323 Home Economics Methods and Materials.....	8	6	8	6
S. S. 301-302 American History and Government.....	3	3	3	3
	22	16	21	17
SECOND YEAR				
H. E. 401 Home Management.....	4	3	4	3
H. E. 403 Family Relations.....	2	3	2	3
Education 421 Teaching Practicum.....	15	9	15	9
H. E. 405 Household Physics and Equipment.....	4	3	4	3
H. E. 406 Foods and Nutrition.....	4	3	4	3
Art 421 History and Appreciation of Art.....	4	3	4	3
H. E. 407 Housing and Home Planning.....	4	3	4	3
Elective.....	3	3	3	3
	17	16	19	15

## HOME ECONOMICS

**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. First semester. Two hours Saturday morning. No credit. Fee \$5.00. (Extension Dept.)

**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

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foods. Prerequisite: Home Economics 101-102. First semester. Two hours Saturday morning. No credit. Registration fee \$5.00. Laboratory fee required. (Extension Department)

**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. Both semesters. Six hours per week. Credit: eight semester hours.

**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. Each semester. Six hours per week. Credit: four semester hours.

**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. Each semester. Prerequisite: Home Economics 102. Six hours per week. Credit: four semester hours.

**301. Foods and Nutrition.** Experience in food preservation; planning, purchasing, preparing and serving food for individual and family needs both economic and nutritional. School lunch management; food planning and preparation on a low income basis as determined by student needs. Required of Home Economics Juniors. Each semester. Prerequisites: Home Economics 101-102, Science 123-124. 5 hours per week. Credit: three semester hours.

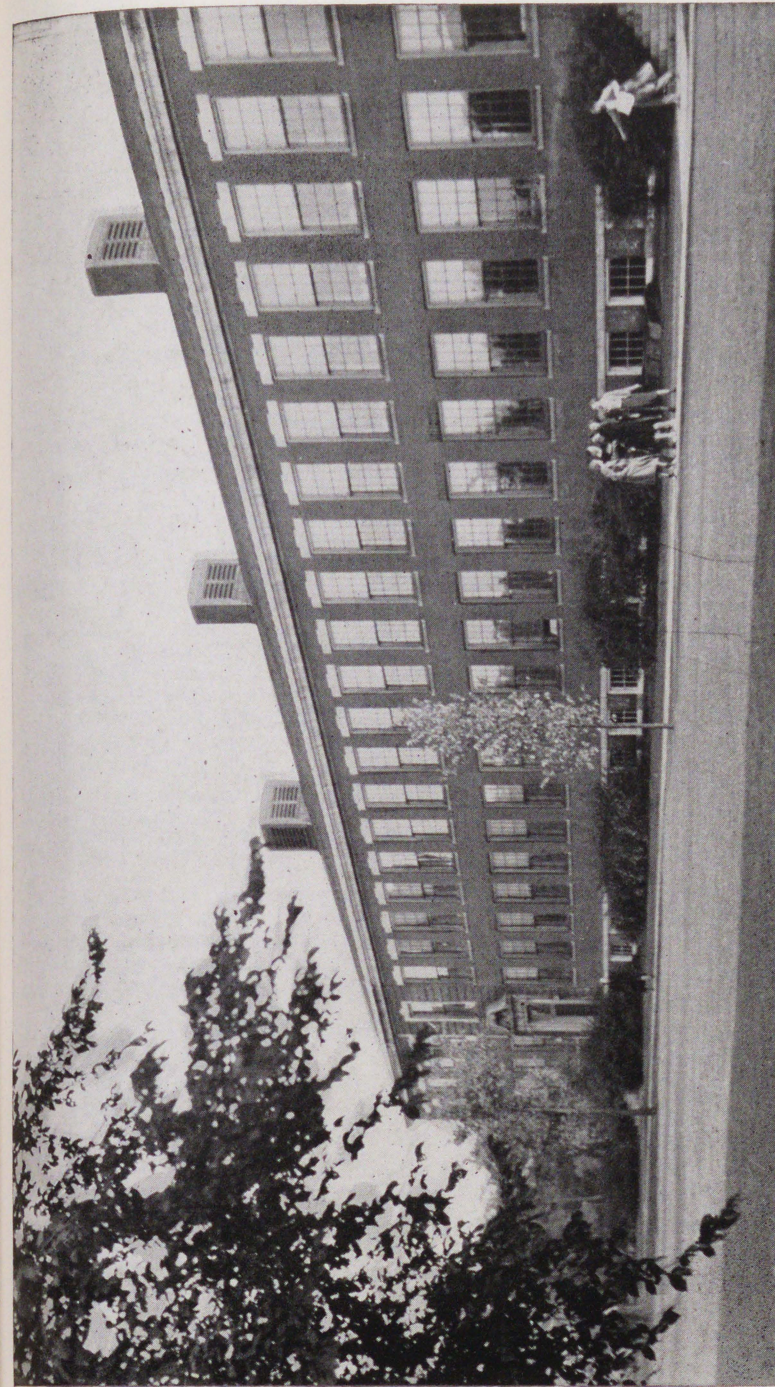
**303. Economics of the Household.** A study of the management of personal and family finance. Present-day problems of consumers. Evaluation of aids for consumers. Required of Home Economics Juniors. Each semester. Six hours per week. Credit: four semester hours.

**305. Clothing and Costume Design.** Problems selected involving application of principles of costume design and advanced construction techniques. Required of Home Economics Juniors. Each semester. Prerequisite: Home Economics 204. Three hours per week. Credit: two semester hours.

**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. Each semester. Prerequisites: Home Economics 203, Home Economics 301, Home Economics 303. Five class hours per week during residence. Credit: four semester hours.

**403. Family Relationships.** Discussions 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. Each semester. 2 hours per week. Credit: three semester hours.

**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. Each semester. Four hours per week. Credit: three semester hours.



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**406. Foods and Nutrition.** A continuation of Home Economics 301. Added experience planned with the student and determined by her needs in food planning and preparation with emphasis upon efficiency and nutritional factors, in food preservation, in hospitality, in demonstration, and in food preparation and service for organization groups. Required of Home Economics Seniors. Each semester. Prerequisites: Home Economics 301, Science 323-324. 4 hours per week. Credit: three semester hours.

**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. Each semester. Prerequisites: Art 322, Home Economics 303. Four hours per week. Credit: three semester hours.

**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. Each semester. Prerequisites: Education 101-102, Home Economics 101-102, 203, 204. 8 hours per week. Credit: six semester hours.

**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. Each semester. 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. Credit: nine semester hours.

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

**412. Family Relationships.** Same as Home Economics 403 except that special projects are not required. Elective for Seniors not majoring in Home Economics. Each semester. Credit: two semester hours.

## INDUSTRIAL ARTS TEACHER-TRAINING DEPARTMENT

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

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. Allied with all work in the shops is a sufficient ground-work in the field of Drawing, Blueprinting and Blueprint Reading, which enables both the teacher and the industrial worker to understand thoroughly the mechanical representation of shop projects. Training in Design and Art Appreciation also supplements the work of the shops.

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.

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## Industrial Arts Curriculum

Course Titles	FIRST YEAR			
	First Semester		Second Semester	
	Class Hours	Semester Hours Credit	Class Hours	Semester 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-General.....	11	5	.....	.....
Shop 102 Woodworking-General.....	.....	.....	11	5
	24	16	24	16
SECOND YEAR				
Eng. 201-202 Advanced Composition and Speech II....	3	3	3	3
Ed. 211-212 Child Development.....	4	3	4	3
Sci. 201-202 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				
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. 301 Literature.....	3	3	.....	.....
Art 304 Industrial Arts Design.....	.....	.....	3	2
Shop Elective.....	11	5	11	5
	23	16	24	16
FOURTH YEAR				
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

**Ed. 211. Child Development.** A study of adolescent childhood with special reference to early childhood. Acquisition and understanding of the biological, sociological, physiological and psychological factors contributing to the development of the junior high school child. Particular emphasis upon manipulative activity and the nature and significance of mechanistic learning. Creative phases of thinking as they concern industrial occupations and determine the technics of teaching industrial arts. First semester. Credit: three semester hours.

**Ed. 212. Child Development.** A study of the child in actual life situations; the nature, rate and permanence of learning in the field of Industrial Arts, boy interests and abilities, development of attitudes, the influence of environment on child learning, study of learning in the laboratory, methods of guiding, learning, motivation factors and learning principles in Industrial Arts. Observations and class conferences. Second semester. Credit: three semester hours.

**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. 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. 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. Thirty hours per week. First 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. 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. Second semester. Credit: three semester hours.

**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. Four hours per week. Each semester. Credit: four semester hours.

**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. Thirteen hours per week. First 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. Thirteen hours per week. 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. Thirteen hours per week. First 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. Thirteen hours per week. 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. Thirteen hours per week. First semester. Credit: five semester hours.

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**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. Thirteen 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. 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. 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. 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. 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. Thirteen hours per week. First semester. Credit: five semester hours.

**Eng. 101-102. Composition and Speech.** See Department of English for description of course.

**Eng. 201-202. Advanced Composition and Speech.** See Department of English for description of course.

**Eng. 303. Literature.** See Department of English for description of course.

**S. S. 101-102. History of Civilization.** See Department of Social Studies for description of course.

**S. S. 301-302. American Civilization and Government.** See Department of Social Studies for description of course.

**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. Second semester. Credit: three semester hours.

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

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

**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. 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. 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 technic involved above. First semester. Credit: three semester hours.

**Art. 202. Essentials of Art.** See Art Education Department for description of course.

**Art. 304. Industrial Arts Design.** See Art Education Department for description of course.

**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. Elective. Credit: two semester hours.

**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.

### A Unique Program

By the affiliation of the State Teachers College and the School of Fine Arts of the Albright Art Gallery, directly across the street, a unique opportunity is offered for the student to prepare to teach art.

### Art Gallery

The Albright Art Gallery is maintained by the Buffalo Fine Arts Academy and the City of Buffalo. The building is a beautiful example of architecture and houses an art collection valued at more than one million dollars including original sculptures, paintings and examples of the minor arts. A fine reference art library is furnished most attractively in the modern manner and is an invaluable aid to the art students. Exhibitions of pictures, paintings, etc., follow one another in happy order and students find opportunity here to develop their familiarity with and appreciation of the fine arts of the past and present. Classes frequently meet at the Gallery to view works of art and listen to lectures.

### The Albright Art School

The Albright Art School operated, as is the Albright Art Gallery, by the Buffalo Fine Arts Academy, stands across the street from the State College grounds in a remarkably well arranged building of its own. A well-balanced teaching staff, including artists of wide reputation conducts the classes in spacious and well equipped studios. The State College students study under the same teachers that conduct the professional courses in painting, advertising art, fashion illustration, and applied design, although they work as a separate group with special direction.

The faculty who teach the students from the college is as follows:

PHILIP ELLIOTT, *Director*, Pictorial Design.

B.F.A. Yale University, 1926. Paris Prize, 1929-1933. Professor of Fine Arts, University of Pittsburgh, 1934-1941.

CHET LAMORE, Processes and Techniques, Color.

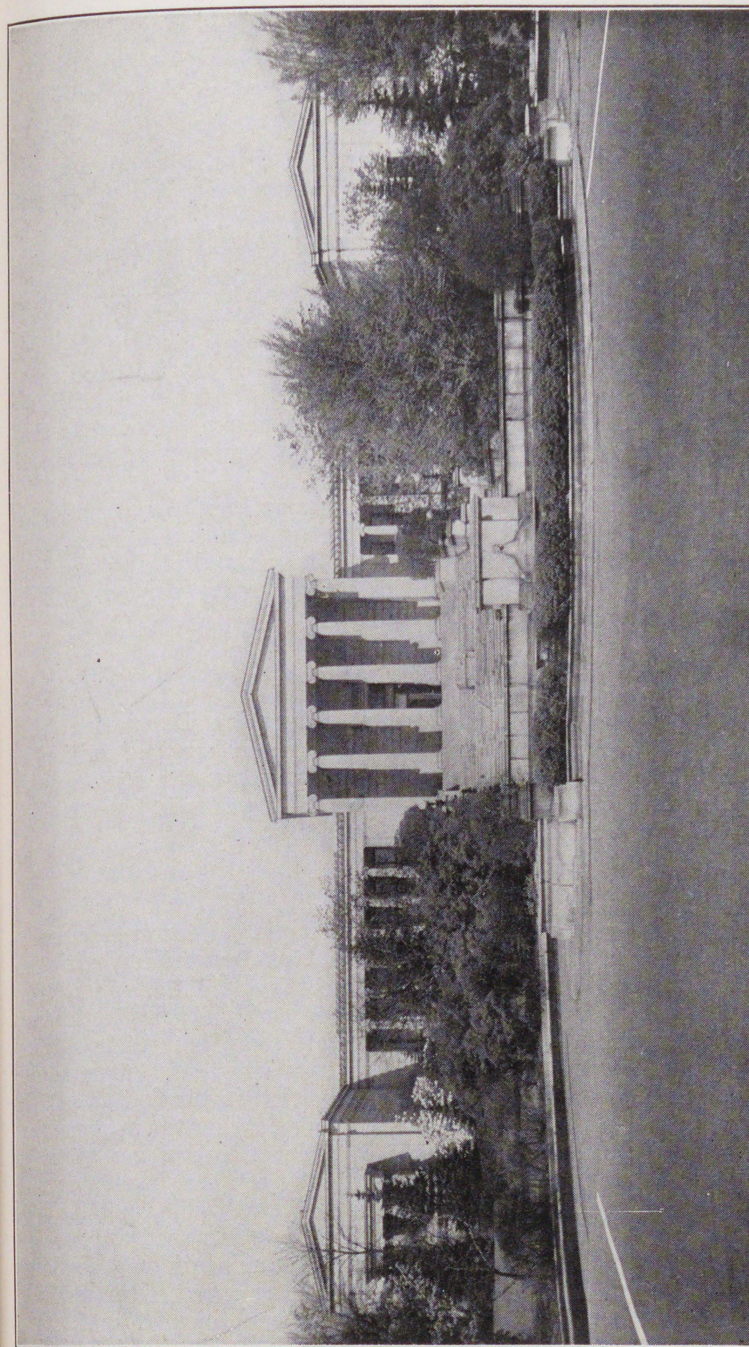
M.A., University of Wisconsin, 1932. Colt School of Art. Painter and graphic artist.

ISAAC SOYER, Drawing, Water color.

Painter. Studied in New York, Paris, and Madrid.

DAVID REIDER, Design.

Cleveland School of Art, 1933-1937. Case School of Applied Science. Practising industrial and commercial designer.



THE ALBRIGHT ART GALLERY

(Erected in 1901 and used at the Pan American Exposition, the Albright Art Gallery offers its special facilities in Art to the students of the State Teachers College. It is located directly across from our campus on Elmwood Avenue and faces the Delaware Park Lake.)

FLORENCE J. BACH, Drawing, Painting, Modeling.  
Studied at Art Students' League, N.Y.C., and with Louis  
Lejenne, France.

CLIFFORD P. WESTERMEIER, Interior design, Ornament.  
B.S. University of Buffalo. M.S., University of Colorado.  
Graduate of Pratt Institute.

FRANCIS B. VALENTINE, Lettering.  
B.F.A., Yale University, 1926. Practising commercial artist.

#### 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 and Painting

At the Art School where the students will 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. In the sequence of courses in drawing, painting and modeling, a foundation is laid in objective drawing from the cast and figure to develop a sense of proportion and train the eye and hand to work together. Following this, the students are given careful training in the theory of perspective and in pencil rendering so that they may go out fitted to teach the required courses in high schools of the State. Drawing the model from life and portrait painting offer splendid artistic discipline and training and an opportunity to discover art ability in this field. The students work in still life, landscape and the figure in various mediums drawing with pencil, charcoal, chalk, pastel and painting in opaque and transparent watercolor as well as oil. The fact that the campus adjoins Delaware Park affords wonderful opportunities for out-of-door sketching.

#### Design

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. In so far as possible, this approach is used in the teaching of design rather than that of historic ornament or the development of surface pattern. 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 will frequently be 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.

#### 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 originality in work in many common materials. Advanced crafts suitable for the high school include: design, construction and decora-

tion in textiles, leather, wood, light metal, ceramics and weaving. The course in stage craft includes shadow puppets, 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 Department

An intensive 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.

The General Department of the college provides the remaining 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. 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, 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 Semester	Second Semester
<i>First Year</i>			
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
<i>Second Year</i>			
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
<i>Third Year</i>			
Art Ed. 301-302	Art Curriculum.....	3-2	3-2
Sci. 301	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. 302	Functional Design.....	.....	9-4½
*Des. 303	Interior Decoration.....	3-1½	.....
		24-15½	27-16½
<i>Fourth Year</i>			
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 Buffalo Fine Arts Academy.

### 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.

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THE SCHOOL OF FINE ARTS, WHICH IS AFFILIATED WITH THE ART EDUCATION DEPARTMENT AND IS LOCATED ACROSS ELAMWOOD AVENUE FROM THE TEACHERS COLLEGE

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, modes, and materials used in every-day interior design. Three hours per week. Credit: one and one-half semester hours.

### Craft

- 201-201. **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.

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**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.



SCULPTURE COURT, ALBRIGHT ART GALLERY

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**Art. 430. Art in War Time.** A survey of the importance of art in the present national war of production and destruction. Mechanical drawing as the language of production. Isometric drawing to aid in assembly and repair. Lettering, poster making and cartooning as morale builders. Illustrating the modern air age through drawing and construction. Camouflage as the art of defense. Changes in structural design due to war-time scarcity. War and air-age maps. Photography. Elective for Juniors and Seniors. Prerequisite: Art. 101-102. Three hours per week. Credit: two semester hours.

#### Art for the Home Economics Department

**221. Essentials of Art.** 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. Art Appreciation.** 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.

#### TWENTY-SEVENTH SUMMER SESSION

The summer session which was inaugurated in 1917 has developed until it is an integral part of our college program. We hope that the twenty-seventh session in the summer of 1943 will offer some distinctive contributions for in-service teachers in New York State.

The session extends from July 5 to August 13. Tuition will be \$30.00. Details will be found in the Summer Session Catalogue to be published in April. Requests for the catalogue or further information should be addressed to Director of Summer Session, State Teachers College, Buffalo, 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 of Science degree. Off-campus centers will be organized whenever sufficient demand arises.

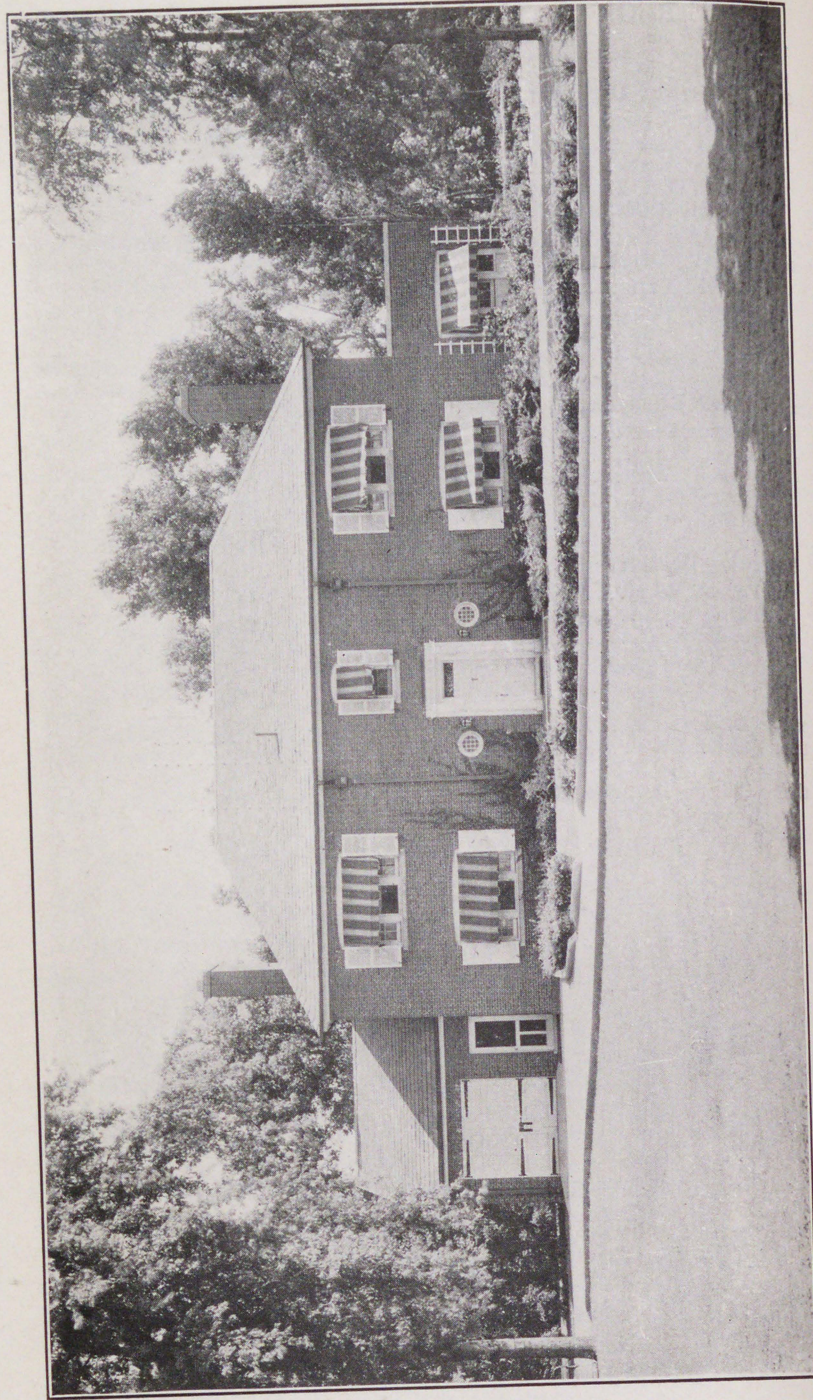
Please write to Dr. Robert E. Albright, Director of Extension Department, for bulletin or other information.

#### REGISTRATION FIGURES 1942-1943

##### 1ST SEMESTER

General Elementary Department:		
Fourth Year .....	121	
Third Year .....	104	
Second Year .....	131	
First Year .....	165	
Special Students .....	5	
		526
Home Economics Department:		
Fourth Year .....	48	
Third Year .....	44	
Second Year .....	65	
First Year .....	71	
		228
Industrial Arts Department:		
Fourth Year .....	21	
Third Year .....	25	
Second Year .....	33	
First Year .....	38	
		117
Art Education Department:		
Fourth Year .....	22	
Third Year .....	32	
Second Year .....	37	
First Year .....	41	
		132
Extension Department .....		1,003
Summer Session 1942 .....		83
		481
Total for College Departments.....		1,567

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THE PRESIDENT'S RESIDENCE

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